President’s Message

This year marks a new start for you and me both. As you begin a new—or perhaps your first—year at MacEwan University, I step into the role of president. I couldn’t be more excited for all of the possibilities that lie ahead as we jump into this year together. It’s a time filled with wonder and excitement, and I hope we all allow our enthusiasm and curiosity to lead us to incredible places.

New experiences will be shared by our entire campus community as we open our new Centre for Arts and Culture this fall. Students, faculty and staff from the Faculty of Fine Arts and Communications will join our City Centre Campus community as they move from their current west-end location, creating stronger bonds and enriched experiences across our student body.

To make sure you get the most out of your studies, we continue to increase your academic choices by providing internal transfer options and by the development of new degree opportunities and new majors in established degrees. Even as our campus and academic offerings grow, MacEwan will remain the warm and intimate place it has always been. We’re a dynamic community, where you’ll be encouraged by your fellow students, nurtured by faculty who are committed to teaching and to supporting your success, and guided by staff who are here to help you along the way.

As your new president, what I look forward to most is seeing you succeed. Remember that success can be a bumpy journey—it’s full of ups and downs, barriers and breakthroughs, and detours and discoveries. I hope you embrace every part of that process with energy, passion and persistence.

Best of luck in the year ahead. I can’t wait to see where it will take us.

Deborah Saucier, President
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45  Business
47  Continuing Education
48  Fine Arts and Communications
51  Health and Community Studies
56  Nursing

BACHELOR DEGREE PROGRAMS
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75  Bachelor of Child and Youth Care
78  Bachelor of Commerce
86  Bachelor of Communication Studies
89  Bachelor of Music in Jazz and Contemporary Popular Music
96  Bachelor of Psychiatric Nursing
99  Bachelor of Science
110  Bachelor of Science in Nursing
114  Bachelor of Social Work

APPLIED DEGREE PROGRAMS
118  Bachelor of Applied Business Administration – Accounting - suspended
119  Bachelor of Applied Human Service Administration

POST-DIPLOMA CERTIFICATE PROGRAMS
122  Cardiac Nursing Post-basic Certificate
123  Perioperative Nursing for Registered Nurses
125  Post-basic Nursing Practice
126  Wound Management Post-basic Certificate

UNIVERSITY TRANSFER PROGRAMS
129  Bachelor of Physical Education Transfer
131  Bachelor of Science in Engineering Transfer

CERTIFICATE AND DIPLOMA PROGRAMS
134  Accounting and Strategic Measurement
136  Acupuncture
139  Arts and Cultural Management
142  Asia Pacific Management
144  Business Management
149  Correctional Services
151  Design Studies
154  Disability Management in the Workplace - suspended
155  Disability Studies: Leadership and Community - suspended
156  Early Learning and Child Care
158  Emergency Communications and Response
160  Fine Art
162  General Studies
163  Hearing Aid Practitioner
165  Human Resources Management
167  Legal Assistant - suspended
168  Library and Information Technology
170  Massage Therapy
172  Occupational Health Nursing
173  Office Assistant
176  Paralegal Studies
178  Police and Investigations
181  Psychiatric Nursing
185  Public Relations
186  Social Work
188  Special Needs Educational Assistant
190  Theatre Arts
192  Theatre Production
194  Therapist Assistant
199  Travel

CERTIFICATES OF ACHIEVEMENT
202  Behavioural Interventions Certificate
Disclaimer and Important Notice:
MacEwan University makes every effort to ensure accuracy in all university publications. However, if there is inconsistency with the information as published and that which resides in official university policy, the official university policy will prevail. Further, MacEwan University reserves the right to make changes in the information provided within this academic calendar without prior notice.
The Programs of Study listed in this academic calendar are available for the intake year for which the academic calendar applies. Further, the university reserves the right to change the content or structure of a Program of Study, and all reasonable attempts will be made to notify active program students.
The university also reserves the right to update course content, prerequisites and co-requisites without prior notice. In addition, not every course listed in the academic calendar will be offered every year. Further, the university reserves the right to implement new policies, regulations and procedures which may not be available at time of publication.
The university will not be held responsible for any loss, damage or other expense in relation to any changes to information contained within this academic calendar.
Students are responsible for informing themselves on matters related to admission, program and graduation requirements, and other academic matters including policies, regulations and procedures. Students are also responsible for ensuring the accuracy and completeness of their enrolment, and are strongly encouraged to consult with and to seek advice on academic and program planning matters from program and discipline advisors.
By the act of applying to a program and/or enrolment into courses, each student agrees to be bound by the policies and procedures of the university.
# 2017-2018 ACADEMIC SCHEDULE

**SEPTEMBER 1, 2017 TO AUGUST 31, 2018**

## Fall 2017 and Winter 2018 Terms

<table>
<thead>
<tr>
<th>Important Dates/Deadlines</th>
<th>Fall 2017</th>
<th>Winter 2018</th>
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<tr>
<td>New Student Orientation.</td>
<td>Sep 5</td>
<td>Jan 2</td>
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<tr>
<td>Regular Session classes begin. (See note 1)</td>
<td>Sep 6</td>
<td>Jan 3</td>
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<tr>
<td>Last day to apply for Fall Convocation.</td>
<td>Sep 14</td>
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<tr>
<td>Last day to add or drop regular session classes. No refunds after this date. (See note 2)</td>
<td>Sep 15</td>
<td>Jan 12</td>
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<tr>
<td>Last day for payment of regular session tuition and fees.</td>
<td>Sep 29</td>
<td>Jan 31</td>
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<tr>
<td>Fall Convocation.</td>
<td>Nov 21</td>
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<tr>
<td>Reading Break. No regular session classes.</td>
<td>Nov 14-15</td>
<td>Feb 20-23</td>
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<tr>
<td>Last day of classes. Last day to withdraw from regular session classes without academic penalty. (See note 2)</td>
<td>Dec 4</td>
<td>Apr 6</td>
</tr>
<tr>
<td>Final Exams. (See note 3)</td>
<td>Dec 6-15</td>
<td>Apr 10-20</td>
</tr>
<tr>
<td>Last day to apply for Spring Convocation.</td>
<td>Dec 20</td>
<td>Apr 15</td>
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<tr>
<td>Session grades due.</td>
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## Spring/Summer 2018 Term

<table>
<thead>
<tr>
<th>Important Dates/Deadlines</th>
<th>May Session</th>
<th>June Session</th>
<th>Spring Session</th>
<th>July Session</th>
<th>August Session</th>
<th>Summer Session</th>
<th>Spring/Summer Session</th>
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<tbody>
<tr>
<td>Start of Classes. (See note 1)</td>
<td>May 1</td>
<td>Jun 4</td>
<td>May 1</td>
<td>Jul 3</td>
<td>Aug 1</td>
<td>Jul 3</td>
<td>May 1</td>
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<tr>
<td>Last day to add or drop classes. No refunds after this date. (See note 2)</td>
<td>May 3</td>
<td>Jun 6</td>
<td>May 7</td>
<td>Jul 5</td>
<td>Aug 3</td>
<td>Jul 9</td>
<td>May 10</td>
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<td>Last day for payment of tuition and fees.</td>
<td>May 7</td>
<td>Jun 8</td>
<td>May 14</td>
<td>Jul 9</td>
<td>Aug 8</td>
<td>Jul 16</td>
<td>May 31</td>
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<td>Spring Convocation.</td>
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<td>Jun 19-21</td>
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<tr>
<td>Last day of classes. Last day to Withdraw from classes without academic penalty. (See note 2)</td>
<td>May 18</td>
<td>Jun 21</td>
<td>Jun 20</td>
<td>Jul 20</td>
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<tr>
<td>Final Exams. (See note 3 and note 5)</td>
<td>May 22</td>
<td>Jun 22</td>
<td>Jun 21-22</td>
<td>Jul 23</td>
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<td>Aug 22-23</td>
<td>Aug 8-9</td>
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<td>Session grades due.</td>
<td>May 29</td>
<td>Jun 29</td>
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<td>Jul 30</td>
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### Notes
1. Not all classes follow the regular session dates listed on this schedule.
2. A grade of “W” (withdrawn) will be shown on the academic record up to and including the last day to withdraw.
3. Classes without final exams may be scheduled into the exam period.
4. Spring session classes run May through June, summer session classes run July through August and spring/summer classes run May through August.
5. For spring/summer term, final exam dates for students enrolled in distance/online courses may differ from this schedule.
## 2017-2018 HOLIDAYS OBSERVED

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### JULY 2018

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</table>

### HOLIDAYS

- **Sep 4**: Labour Day
- **Oct 9**: Thanksgiving Day
- **Nov 13**: Remembrance Closed Observed
- **Dec 25**: Christmas Day
- **Dec 26–29**: University Closed
- **Jan 1**: New Year’s Day
- **Feb 19**: Family Day
- **Mar 30**: Good Friday
- **Apr 2**: Easter Monday
- **May 21**: Victoria Day
- **Jul 2**: Canada Day Observed
- **Aug 6**: Heritage Day
UNIVERSITY PILLARS

STUDENTS FIRST
Focused on learner-centred teaching, student growth, opportunity and achievement.

QUALITY EDUCATION
Excellence is achieved here by combining a first-class education with an extraordinary student experience.

PERSONAL LEARNING EXPERIENCES
We are a welcoming, intimate and inspiring learning environment where the individual student – the whole person – thrives.

STUDENT-ENGAGED RESEARCH
We support and foster research and innovation that engages students, faculty and the community across all our programs.

AN ENGAGED UNIVERSITY
A ‘connected’ culture where students, faculty, staff and the community are linked — and collectively, collaboratively engaged in realizing their full potential.

SUSTAINABILITY
We are committed to creative approaches to sustainability in education and campus operations – activating solutions for positive environmental, social and economic impact.

AT THE HEART OF THE CITY
A vibrant and vital urban experience. We are a hub of creative, scholarly and cultural activity in the core of the city — building, sharing in, and contributing to its growth and prosperity.

THE MACEWAN UNIVERSITY SPIRIT
Our youthful energy comes from a pervasive excitement about the future — about how all of us can contribute to helping the university grow and succeed.

Approved by the Board of Governors, February 28, 2013

POSITIONING STATEMENT

MacEwan University inspires its students with a powerful combination of academic excellence and personal learning experiences. We provide a transformative education in a creative, collaborative and supportive learning environment.

We are an engaged university at the heart of the city where creativity and innovation thrive, and a unique student experience opens up diverse pathways for achievement and growth.

Approved by the Board of Governors, February 28, 2013

UNIVERSITY MANDATE

Grant MacEwan University is a public, board-governed Baccalaureate and Applied Studies Institution within Alberta’s post secondary system, operating under the authority of the public colleges section of the Post-Secondary Learning Act. The University was officially renamed Grant MacEwan University by Order in Council on September 24, 2009.

Grant MacEwan University focuses on four primary types of programming:

- Baccalaureate degrees that prepare learners for employment and for graduate studies.
- Certificate, diploma and applied degree programs that prepare learners for entry to careers and employment, and for continued study in other credential areas.
- University transfer programs that prepare learners for degree completion at other degree-granting institutions.
- Preparatory programming that prepares learners for success in further post secondary studies.

Grant MacEwan University serves a diversity of learners in the following major areas of study: liberal arts, business/commerce, communications, education, engineering, health and human services, performing and visual arts, physical education and science. The University’s innovative approaches to program delivery are designed to maximize graduates’ opportunities to advance their careers and further their education.

Grant MacEwan University emphasizes a learner-centred approach to the provision of its programs and services. The University fosters student success through a focus on teaching excellence, interaction among faculty and students, flexible learning delivery and high quality student support. From prospective learners to alumni, students are provided with a wide range of services and support systems, residence and campus life activities, and intercollegiate and intramural sports programs. The University’s inclusive governance structure provides many opportunities for leadership development that enable learners to develop skills to enhance their careers and future post secondary endeavours.

Grant MacEwan University supports a culture of research, scholarship and creative activity to inform pedagogy, support economic and community development, enhance learning, create opportunities for innovation, and foster the application and creation of new knowledge. By incorporating a global focus in its research and teaching, serving a diverse range of Canadian and international faculty and students, and providing opportunities for knowledge dissemination and study abroad, the University aims to provide all researchers and learners with opportunities to develop the skills and attitudes to function successfully in an interconnected world economy and society.

Grant MacEwan University serves primarily the greater Edmonton region and northern Alberta by responding to the learning needs of business, industry, government and communities. Through distance delivery and eCampusAlberta, the University extends educational access across Canada and internationally. As a strong partner in Campus Alberta, Grant MacEwan University collaborates with stakeholders and partners to advance student mobility, conducts applied research, develops shared services and delivers continuing professional education and customized training.

Approved by the Board of Governors, May 20, 2010
Approved by the Deputy Premier and Minister of Advanced Education & Technology: August 18, 2010
CAMPUS LOCATIONS

For hours of operation, visit MacEwan.ca/Campuses

CITY CENTRE CAMPUS
10700 – 104 Avenue NW
Edmonton, AB T5J 4S2
Switchboard: 780-497-5040

ALBERTA COLLEGE CAMPUS
10050 MacDonald Drive NW
Edmonton, AB T5J 2B7
Switchboard: 780-497-5040
## PHONE DIRECTORY

### GENERAL INQUIRIES AND FREQUENTLY CALLED AREAS

<table>
<thead>
<tr>
<th>Directory Listing</th>
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<tbody>
<tr>
<td>Campus Switchboards</td>
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<tr>
<td>City Centre Campus – Main Campus</td>
<td>780-497-5040</td>
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<tr>
<td>Welcome Centre</td>
<td>780-633-3434</td>
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<tr>
<td>Alberta College Campus (Continuing Education)</td>
<td>780-497-4400</td>
</tr>
<tr>
<td>Toll-free</td>
<td>1-855-797-4400</td>
</tr>
<tr>
<td>Admissions</td>
<td>780-497-5000</td>
</tr>
<tr>
<td>Advising – Prospective Students and Financial Aid</td>
<td>780-497-5000</td>
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<tr>
<td>Alumni and Development</td>
<td>780-497-5410</td>
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<tr>
<td>Bookstores</td>
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<tr>
<td>mstore - City Centre Campus</td>
<td>780-497-5482</td>
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<tr>
<td>Griffins Landing</td>
<td>780-497-5463</td>
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<tr>
<td>Toll-free</td>
<td>1-866-418-0391</td>
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<tr>
<td>Campus Security (urgent calls only)</td>
<td>780-497-5555</td>
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<td>Enrolment/Registration</td>
<td>780-497-5000</td>
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<td>Fees and Fee Payments</td>
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<td>MacEwan International</td>
<td>780-497-5397</td>
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<tr>
<td>Library</td>
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<td>John L. Haar, City Centre Campus</td>
<td>780-497-5850</td>
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<tr>
<td>Alberta College Campus</td>
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<td>Lost and Found</td>
<td>780-497-5554</td>
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<td>Medical Clinic</td>
<td>780-497-5699</td>
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<td>Print Services</td>
<td>780-497-5036</td>
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<tr>
<td>Residence</td>
<td>780-633-8000</td>
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<tr>
<td>Toll-free</td>
<td>1-877-497-4017</td>
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<tr>
<td>Scholarships, Awards and Bursaries</td>
<td>780-497-5033</td>
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<tr>
<td>Technology Support</td>
<td>780-497-4357</td>
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<td>1-877-497-4267</td>
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<td>Transcripts</td>
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<td>Transportation Services</td>
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### PROGRAMS

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<td>Accounting and Strategic Measurement</td>
<td>780-497-5162</td>
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<tr>
<td>Acupuncture</td>
<td>780-497-4610</td>
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<tr>
<td>Arts and Cultural Management</td>
<td>780-497-4364</td>
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<tr>
<td>Asia Pacific Management</td>
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<td>Bachelor of Applied Business Administration – Accounting (suspended)</td>
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<td>Bachelor of Applied Human Service Administration</td>
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<td>Bachelor of Arts</td>
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<td>Bachelor of Child and Youth Care</td>
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<td>Part-time</td>
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<tr>
<td>Bachelor of Commerce</td>
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<tr>
<td>Bachelor of Communication Studies</td>
<td>780-497-5614</td>
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<tr>
<td>Bachelor of Music in Jazz and Contemporary Popular Music</td>
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<tr>
<td>Bachelor of Physical Education Transfer</td>
<td>780-633-3594</td>
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<tr>
<td>Bachelor of Psychiatric Nursing</td>
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<td>Bachelor of Science</td>
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<td>Bachelor of Science in Nursing</td>
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<td>Insurance and Risk Management</td>
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<td>Professional Golf Management (suspended)</td>
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<td>Regular/Aviation Management</td>
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<td>Cardiac Nursing</td>
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<td>Correctional Services</td>
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<td>Distance</td>
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<td>Design Studies</td>
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<td>Disability Studies: Leadership and Community (suspended)</td>
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<td>Early Learning and Child Care</td>
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<td>Emergency Communications and Response</td>
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<td>English as a Second Language</td>
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<td>Fine Art</td>
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<td>Post-basic Nursing Practice</td>
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<td>Ponoka</td>
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<td>Public Relations</td>
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<td>Social Work</td>
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<td>Special Needs Educational Assistant</td>
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<td>Theatre Arts</td>
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<td>Therapist Assistant</td>
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<td>Travel</td>
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<td>Wound Management</td>
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### DEANS

**Faculty of Arts and Science**
- Dean, Dr. Craig Monk 780-497-5302
- Associate Dean, Administration, Dr. Melike Schalomon 780-497-5302
- Associate Dean, Students, Dr. Rob Wiznura 780-497-5302

**Faculty of Fine Arts and Communications**
- Dean, Dr. Allan Gilliland 780-497-4468
- Associate Dean, Dr. Rey Rosales 780-633-3715

**Faculty of Health and Community Studies**
- Dean, Dr. Fred McGinn 780-497-5155
- Associate Dean, Sharon Hobden 780-497-5181

**Faculty of Nursing**
- Dean, Dr. Vince Salyers 780-497-5056
- Associate Dean (Vacant)

**Library**
- Dean, Debbie McGugan 780-497-5894

**School of Business**
- Dean, Elsie Elford 780-497-5210
- Associate Dean, Students, Gordon Lucyk 780-497-5236
- Associate Dean, Research and International, Dr. William Wei 780-633-3535

**School of Continuing Education**
- Dean, Dr. Heather McRae 780-497-4743

### OFFICE OF THE UNIVERSITY REGISTRAR

**University Registrar**, Mike V. Sekulic 780-497-5039
**Associate Registrar, Records and Registration**, Frances Billingsley 780-633-3110
**Associate Registrar, Information Systems and Scheduling**, Michelle Fraser 780-497-5005
**Associate Registrar, Admissions and Transfer**, Anthony Norrad 780-633-3367

### SERVICES FOR STUDENTS

**Kihew Watston (KW) - Indigenous Education Centre**
- Athletics – Griffins Teams 780-497-5382
- Child Care Centre 780-497-5195
- Sport and Wellness – Main Switchboard 780-497-5300
- Students’ Association of MacEwan University (SAMU)
  - City Centre Campus 780-497-5631
  - Alberta College Campus 780-633-3786

**Student Affairs General Inquiries**
- Student Affairs Executive Office
  - Executive Director, Student Affairs 780-497-5063
  - Executive Director’s Assistant, Student Affairs 780-497-5064
- Student of Concern Team: 24-7 Line 780-497-5063
- Director, Security Services 780-235-2429
- Executive Director, Student Affairs 780-497-4575

**Wellness and Psychological Services**
- Chair, Wellness and Psychological Services 780-497-5063
- Alberta College Campus Wellness and Psychological Services 780-633-3708

**Career Development and Experiential Learning (CDEL)**
- Manager, CDEL 780-633-3405

**Technology Support (ORBIS & Titanium)**
- Manager, SLDCE 780-497-3735
- MacEwan University Ambassadors 780-497-5817
- Golden Key Honor Society 780-497-5817
- Team Lead, Student Learner Services & Writing Centre, SLDCE 780-497-5063

**Services to Students with Disabilities**
- (all campuses) 780-497-5886
- Chair, SSD 780-497-5811
- Toll-free 1-888-497-4622

**Student Conduct, Community Standards and Values Academic Integrity Office**
- 780-633-3083

**Business Strategy and Financial Operations, Student Affairs Manager, Student Affairs Business & Finance**
- 780-497-4779

**Writing and Learning Services**
- 780-497-5063

### ADMINISTRATION

**Executive Team**
- President, Dr. Deborah Saucier 780-497-5401
- Provost and Vice-President Academic, Dr. John Corlett 780-497-5421
- Vice-President and General Counsel, Michelle Plouffe 780-497-5750
- Vice-President, Finance and Administration and Chief Financial Officer, Brent Quinton 780-497-5446
- Vice-President, Integrated Information and Communication Systems & Chief Information Officer, John McGrath 780-497-5890
ADMISSIONS AND TRANSFER

Contents
A. General Admission Information
B. Admission Dates and Deadlines
C. Competitive Programs
D. Early Conditional Admission
E. Classification of High School Courses
F. University Credit Substitutions for High School Courses
G. Five Easy Steps for Admission
H. Re-Admission
I. Transcripts
J. Transfer Students
K. Advanced Placement Courses
L. International Baccalaureate Courses
M. Document Translation
N. Skills Appraisal
O. English Language Proficiency (ELP)
P. Spoken English Proficiency Requirements
Q. Visiting Students
R. Contact Information

A. GENERAL ADMISSION INFORMATION
Each program at MacEwan University has a unique set of admission criteria. Be sure to read the complete admission criteria under the program section of this academic calendar.

B. ADMISSION DATES AND DEADLINES

<table>
<thead>
<tr>
<th>Term</th>
<th>Opening Date for Applications</th>
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<tbody>
<tr>
<td>Fall (September)</td>
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<tr>
<td>Winter (January)</td>
<td>February 1</td>
</tr>
<tr>
<td>Spring/Summer (May/June)</td>
<td>May 1 (for the following year)</td>
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Deadlines for Applications
Refer to the following link to confirm application deadlines: MacEwan.ca/wcm/Registrar/Admissions/AdmissionDatesDeadlines

C. COMPETITIVE PROGRAMS
Admission to many programs may be competitive based on higher than minimum academic requirements, “other admission criteria” or a combination of both. Applicants are encouraged to apply and submit documents early. In addition, it is important to keep the Office of the University Registrar and the program informed of any changes that may affect admission. Posted competitive ranges may be lowered as the applicant pool is evaluated.

D. EARLY ADMISSION
MacEwan University offers early admission to qualified applicants prior to the completion of their program admission requirements. Applications will be evaluated based on your final grades in grade 11 and/or grade 12 courses. Specific criteria are located at: MacEwan.ca/wcm/Registrar/Admissions/AdmissionRequirements/EarlyAdmission.

E. CLASSIFICATION OF HIGH SCHOOL COURSES
Acceptable Alberta Education Grade 12 subjects, other than English Language Arts 30-1, have been classified into four groups: A, B, C, and D. The Grade 12 courses listed are based on Alberta Education approved curriculum and nomenclature. Prospective applicants from other provinces and territories should visit our website at MacEwan.ca/HighSchoolSubjects for out-of-province equivalencies.

Applicants who are home schooled will be required to complete the Alberta Education diploma examinations (or equivalent) in order to meet any high school course requirements.

For admission purposes, MacEwan University will use the higher of either the high school grade or the Advanced Placement (AP) grade.

For admission purposes, MacEwan University will use the higher of either the high school grade or the International Baccalaureate (IB) grade.

Group A (Humanities)
1. Social Studies 30-1
2. 30-level language other than English
3. Additional 30-level language other than English
4. Aboriginal Studies 30

Notes:
- Any one of the following courses will meet the 30-level language other than English requirement: French 21, 20S, 20N, 30S, 30N; French 31, 31A, 31B, 31C, 30-3Y, 30-9Y; French Language Arts 20, 30, 30-1, 30-2; Français 20, 30, 30-1, 30-2; Langue et Literature 20, 30.
- Any one of the following courses will also meet the 30-level language other than English requirement: Blackfoot Language & Culture 30; Chinese Language Arts 30; Chinese Language & Culture 30; Cree Language & Culture 30; German Language Arts 30; German Language & Culture 30; Italian Language & Culture 30; Japanese Language & Culture 30; Latin 30; Spanish Language & Culture 30; Ukrainian Language Arts 30; Ukrainian Language & Culture 30. There are other 35-level locally developed courses which may also be used to meet the language other than English requirement.
Admissions And Transfer

Group B (Fine Arts)
1. Art 30
2. Art 31
3. Communication Technology Advanced (CTS) (5 credits)
4. Dance 35
5. Drama 30
6. Music 30 (Choral, Instrumental or General) (5 credits)
7. Musical Theatre 35
8. Music 35
9. Performing Arts 35 A, B, or C
10. Additional 35-level Fine Arts courses may be considered

Note: Equivalents of Music 30: Conservatory Canada, Grade 8 Practical and Grade IV Theory; Royal Conservatory of Music of Toronto, Grade 8 Practical and Grade II Theory; Mount Royal University, Grade 8 Practical and Grade II Theory. Documents must be presented to Alberta Education for evaluation.

Group C (Sciences)
1. Biology 30
2. Chemistry 30
3. Pure Mathematics 30 or Mathematics 30-1
4. Mathematics 30-2 (cannot be used for admission with Pure Mathematics 30 or Mathematics 30-1)
5. Mathematics 31
6. Physics 30
7. Science 30
8. Computing Science Advanced (CTS) (5 credits)

Group D (Optional)
9. Physical Education 30
10. Applied Sociology 30
11. Cultural and Physical Anthropology 30
12. Experimental Psychology 30
13. International Politics 30
14. Macroeconomics 30
15. Microeconomics 30
16. Philosophes of Man 30
17. Religious Studies 35 (for approved Schools)
18. Western World History 30
19. World Geography 30
20. World Religion 30
21. Advanced CTS subjects (5 credits) as follows:
   Agriculture
   Community Care Services
   Construction Technologies
   Cosmetology
   Criminal Justice Studies
   Design Studies
   ElectroTechnologies
   Enterprise and Innovation
   Environmental Stewardship
   Esthetics
   Fabrication Studies
   Fashion Studies
   Financial Management
   Foods
   Forestry
   Health Care Aide
   Health Care Services
   Human & Social Services
   Information Processing
   Legal Studies

Logistics
Management and Marketing
Mechanics
Networking
Power Engineering
Primary Resources
Recreation Leadership
Tourism Studies
Wildlife

Note: Applicants using a Group D subject for admission must present either one 5-credit subject or any combination of two 3-credit subjects. Career and Technology Studies (CTS) courses may be used only if a minimum 5-credits are presented at the advanced level in the same subject area.

Apprenticeship, Work Experience, and Career and Life Management (CALM) courses are not considered for admission.

F. UNIVERSITY CREDIT SUBSTITUTIONS FOR HIGH SCHOOL COURSES

This chart lists university credit that can be substituted in cases where applicants do not present the appropriate Grade 12 courses. Note: ‘cr’ = credits

University Credits Required

<table>
<thead>
<tr>
<th>ENGLISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (6 cr)</td>
</tr>
</tbody>
</table>

GROUP A (HUMANITIES)
1. Language Other Than English (6 cr)
2. Humanities or Social Sciences (3 cr)

GROUP B (FINE ARTS)
Fine Arts (3 cr)

GROUP C (SCIENCES)*
1. Mathematics (algebra) (3 cr)
2. Mathematics (calculus) (3 cr)
3. Chemistry (3 cr)
4. Physics (3 cr)
5. Biology (e.g. botany, genetics, microbiology, zoology) (3 cr)**

*Any course from a science discipline may be used as a Group C subject, including PSYC 104 (3 cr).
**For admission into Nursing, botany and zoology cannot be used as Biology 30 substitutions.
G. FIVE EASY STEPS FOR ADMISSION

STEP 1: APPLY AND PAY APPLICATION FEE
Applicants may apply online at MacEwan.ca or complete an application form. The application form is available for download at MacEwan.ca/Apply or from the Office of the University Registrar or any Information Centre.

The application requires a non-refundable $110 (Canadian Dollars) fee. Applications received without the fee will be returned. Application fees are non-refundable and cannot be applied toward tuition.

The application fee must be paid each time an application for admission is submitted.

Paper applications can be mailed or delivered to:

The Office of the University Registrar
MacEwan University
10700 – 104 Avenue NW
Edmonton, Alberta T5J 4S2

All cheques, money orders, and drafts MUST have all of the following imprints by the bank:
• Bank transit/swift number
• Bank account number
• Branch number
• Cheque, money order or draft number

(More information can be found at: MacEwan.ca/MakeAPayment)

STEP 2: APPLICANT ACKNOWLEDGMENT
The Office of the University Registrar will send a network ID letter once an application and payment has been received.

The network ID letter will provide applicants with a secure login to the student portal at myMacEwan.ca where the applicant will be able to locate information regarding the admission status and check their secure MacEwan email account. This is an easy way to check the status of your application.

STEP 3: ADMISSION DECISION
If you clear all conditions as listed in your offer of admission, you will automatically be admitted. You can check the decision using your secure login to the student portal at myMacEwan.ca

Admission decisions are not subject to appeal. In cases where the reason for inadmissibility is failure to meet program specific requirements, applicants may discuss concerns with their program or an advisor.

If you are admissible but the quota has been filled, you may be offered a place on a waiting list.

STEP 4: ACCEPT OFFER OF ADMISSION AND PAY DEPOSIT
If you receive an offer of admission, you are required to accept your offer and pay the required deposit:

**Domestic Applicants**
Admissions confirmation deposit - $400 CDN 50% refundable if request is received 2 months prior to the intake start term.

**International Applicants**
Out-of-Country international Admissions confirmation deposit - $10,000 CDN.
In-Country international Admissions confirmation deposit - $1,000 CDN.

You can accept or decline your offer of admission, using myStudentSystem, accessed through myPortal.MacEwan.ca.

Details of the due date and admissions confirmation deposit amount are displayed. Information regarding the deposit and other methods of paying the deposit are available at MacEwan.ca/MakeAPayment.

Failure to accept your offer and/or pay the deposit will result in your offer of admission being withdrawn.

STEP 5: CLEARING ALL CONDITIONS
Ensure that you submit any outstanding items for admission by the date specified in your offer of admission. Applicants are advised to submit all documentation as soon as possible.

If admitted, your offer of admission may include the condition that you complete specific items prior to the start of the program or by a certain date. Read your offer of admission information carefully and take steps immediately to meet any conditions. Upon meeting all conditions, you will be automatically moved to final accepted status. Using your secure login to the student portal at myMacEwan.ca you can (1) check to see if your transcripts have been received and (2) review admission decisions made to date. Check your “To Do List” often.

Failure to meet all conditions by the timelines indicated in your letter of acceptance may result in your offer of admission being rescinded.

H. RE-ADMISSION
Students who were registered in a program, and who have taken a break in their studies of twelve (12) consecutive months or more are required to apply for re-admission to their program, pay the appropriate application fee, and meet the admission and graduation requirements in effect at that time.
I. TRANSCRIPTS

Official high school transcripts are essential to the admission process, so ensure that you send them promptly. Also, if you are currently attending or have previously attended another post secondary institution, you must declare this attendance on your application form and submit these transcripts promptly. Once submitted, all transcripts become the property of MacEwan University; this is a standard practice among post secondary institutions and is designed to protect the authenticity of the transcript.

Note: If you applied to MacEwan University and have attended an Alberta high school, we will order these transcripts for you. If you have attended one of ApplyAlberta’s participating post secondary institutions, we will order these transcripts for you. Log onto www.ApplyAlberta.ca to track your transcript requests and to view the list of participating institutions.

ALBERTA HIGH SCHOOL TRANSCRIPTS

You may obtain an Alberta high school transcript by contacting Alberta Education online:
www.education.gov.ab.ca

POST SECONDARY TRANSCRIPTS

Transcripts of post secondary grades must be issued and signed by the institution and bear their official seal.

It is not necessary to request official transcripts for coursework previously completed at MacEwan University.

J. TRANSFER STUDENTS

If you have attended another post secondary institution, courses that you have successfully completed may be considered for credit towards a credential at MacEwan University.

Upon application to MacEwan University, submit official transcripts as soon as available. It is strongly recommended that you submit transcripts by June 15 for fall enrolment and by October 15 for winter enrolment. The official transcripts should include final grades and any credentials awarded.

Transfer agreements for post secondary institutions in the province of Alberta are available for information and reference at transferalberta.alberta.ca. Transfer credit listed on the ACAT (Alberta Council on Admissions and Transfer) website will be approved for transfer credit to MacEwan University. Specific credit awards to a program are subject to the requirements and regulations of the admitting program, and may vary from the total credit awarded by MacEwan University. Transfer credit is subject to academic residency requirements per C2100 Graduation or program-specific exemptions and Inter-Institutional Transferability (C2030) policies. You may view MacEwan University policies at MacEwan.ca/PoliciesManual.

If your previous course(s) is not included on the ACAT website or if your course history is with an institution outside Alberta, you may be asked for course outlines. Course outlines are reviewed by MacEwan University evaluators for credit transfer and then considered with respect to the program for which you have applied for admission. To enable this processing time, ensure your official final transcripts have been received by MacEwan University and be prepared to provide course outlines as required.

Your transfer credit evaluation is completed after you are admitted to your program. It is the student’s responsibility to review the transfer credit granted with respect to the program requirements; discrepancies may be brought to the attention of the Transfer Unit in the Office of the University Registrar. You are strongly encouraged to consult with an academic advisor (in your program of study) to understand how your transfer credit is applied to your program.

Domestic and international students who have completed post secondary/higher education outside of Canada should refer to the subsection, International Transfer Credit Evaluation, included in the “International Student” section of this academic calendar.

K. ADVANCED PLACEMENT (AP) COURSES

Transfer credit will be granted for AP courses where an AP grade of 4 or 5 is received. A list of approved courses for transfer credit follows. Other courses may be considered on an individual basis.

<table>
<thead>
<tr>
<th>AP Course</th>
<th>MacEwan University Equivalent</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art History</td>
<td>ARTE 1xx</td>
<td>3</td>
</tr>
<tr>
<td>Biology</td>
<td>BIOL 1xx</td>
<td>3</td>
</tr>
<tr>
<td>Calculus AB</td>
<td>MATH 114</td>
<td>3</td>
</tr>
<tr>
<td>Calculus BC</td>
<td>MATH 114</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry</td>
<td>CHEM 101/102</td>
<td>6</td>
</tr>
<tr>
<td>Chinese Language and Culture</td>
<td>CHIN 102/201</td>
<td>6</td>
</tr>
<tr>
<td>Computer Science A</td>
<td>CMPT 114</td>
<td>3</td>
</tr>
<tr>
<td>Computer Science A/B</td>
<td>CMPT 114/115</td>
<td>6</td>
</tr>
<tr>
<td>English Language and Composition</td>
<td>ENGL 102</td>
<td>3</td>
</tr>
<tr>
<td>Environmental Science</td>
<td>SCIOP 1xx</td>
<td>3</td>
</tr>
<tr>
<td>European History</td>
<td>HIST 102</td>
<td>3</td>
</tr>
<tr>
<td>French</td>
<td>FREN 1xx</td>
<td>6</td>
</tr>
<tr>
<td>German</td>
<td>GERM 211/212</td>
<td>6</td>
</tr>
<tr>
<td>Government and Politics: United States Comparative</td>
<td>POLS 1xx²</td>
<td>3</td>
</tr>
<tr>
<td>Japanese Language and Culture</td>
<td>JAPN 201/202</td>
<td>6</td>
</tr>
<tr>
<td>Latin: Vergil</td>
<td>LATN 101/102</td>
<td>6</td>
</tr>
<tr>
<td>Macroeconomics</td>
<td>ECON 102</td>
<td>3</td>
</tr>
<tr>
<td>Microeconomics</td>
<td>ECON 101</td>
<td>3</td>
</tr>
<tr>
<td>Physics B</td>
<td>PHYS 124/126</td>
<td>6</td>
</tr>
<tr>
<td>Physics C: Electricity and Magnetism</td>
<td>PHYS 281</td>
<td>3</td>
</tr>
<tr>
<td>Physics C: Mechanics</td>
<td>PHYS 1xx</td>
<td>3</td>
</tr>
<tr>
<td>Psychology</td>
<td>PSYC 104³</td>
<td>3</td>
</tr>
<tr>
<td>Spanish Language and Culture</td>
<td>SPAN 211/212</td>
<td>6</td>
</tr>
<tr>
<td>Statistics</td>
<td>STAT 151</td>
<td>3</td>
</tr>
<tr>
<td>United States History</td>
<td>HIST 1xx</td>
<td>3</td>
</tr>
<tr>
<td>World History</td>
<td>HIST 102</td>
<td>3</td>
</tr>
</tbody>
</table>

1 Student cannot also receive credit for FREN 211/212 at MacEwan University.
2 Student cannot also receive credit for POLS 101 at MacEwan University.
3 Student cannot also receive credit for PSYC 105 at MacEwan University.
L. INTERNATIONAL BACCALAUREATE (IB) COURSES

Transfer credit will be granted for IB courses where an IB grade of 5 or higher is received. A list of approved courses for transfer credit follows. Other courses may be considered on an individual basis.

<table>
<thead>
<tr>
<th>IB Course</th>
<th>MacEwan University Equivalent</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology (higher level)</td>
<td>BIOL 107</td>
<td>3</td>
</tr>
<tr>
<td>Business and Management (higher level)</td>
<td>BUSN 1xx</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry (higher level)</td>
<td>CHEM 101</td>
<td>3</td>
</tr>
<tr>
<td>Classical Languages</td>
<td>LATN 101/102</td>
<td>6</td>
</tr>
<tr>
<td>Computing Science (higher level)</td>
<td>CMPT 101 or CMPT 114/115</td>
<td>6</td>
</tr>
<tr>
<td>Computing Science (standard level)</td>
<td>CMPT 101 or 114</td>
<td>3</td>
</tr>
<tr>
<td>Dance (higher level)</td>
<td>GENOP 1xx</td>
<td>3</td>
</tr>
<tr>
<td>Economics (higher level)</td>
<td>ECON 101/102</td>
<td>6</td>
</tr>
<tr>
<td>Economics (standard level)</td>
<td>ECON 101</td>
<td>3</td>
</tr>
<tr>
<td>English A1 (higher level)</td>
<td>ENGL 1xx</td>
<td>6</td>
</tr>
<tr>
<td>Environmental Systems and Society</td>
<td>SCIOP 1xx</td>
<td>3</td>
</tr>
<tr>
<td>Geography (higher level)</td>
<td>SCIOP 1xx</td>
<td>3</td>
</tr>
<tr>
<td>History (higher level)</td>
<td>HIST 1xx</td>
<td>3</td>
</tr>
<tr>
<td>Islamic History (higher level)</td>
<td>HIST 2xx</td>
<td>3</td>
</tr>
<tr>
<td>Language A1 (higher level)</td>
<td>ENGL 1xx</td>
<td>6</td>
</tr>
<tr>
<td>Language A2 – German (higher level)</td>
<td>ARTOP 1xx5</td>
<td>3</td>
</tr>
<tr>
<td>Language A2 – German (standard level)</td>
<td>ARTOP 1xx5</td>
<td>3</td>
</tr>
<tr>
<td>Language ab initio</td>
<td>ARTOP 1xx5</td>
<td>3</td>
</tr>
<tr>
<td>Language – Chinese (higher level)</td>
<td>ARTOP 1xx5</td>
<td>3</td>
</tr>
<tr>
<td>Language – Chinese (standard level)</td>
<td>ARTOP 1xx5</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics (higher level)</td>
<td>MATH 114</td>
<td>3</td>
</tr>
<tr>
<td>Music (higher level)</td>
<td>GENOP 1xx</td>
<td>3</td>
</tr>
<tr>
<td>Philosophy (higher level)</td>
<td>PHIL 1xx</td>
<td>3</td>
</tr>
<tr>
<td>Physics (higher level)</td>
<td>PHYS 124/126</td>
<td>6</td>
</tr>
<tr>
<td>Physics (standard level)</td>
<td>PHYS 124</td>
<td>3</td>
</tr>
<tr>
<td>Psychology (higher level)</td>
<td>PSYC 104</td>
<td>3</td>
</tr>
<tr>
<td>Social and Cultural Anthropology (higher level)</td>
<td>ANTH 1xx</td>
<td>3</td>
</tr>
<tr>
<td>Sports, Exercise and Health Science (standard level)</td>
<td>HEED 1xx</td>
<td>3</td>
</tr>
<tr>
<td>Theatre (higher level)</td>
<td>THAR 103</td>
<td>3</td>
</tr>
<tr>
<td>Theory of Knowledge</td>
<td>PHIL 102</td>
<td>3</td>
</tr>
</tbody>
</table>

1 Student will receive credit for CMPT 101 if Computing Science (higher level HL) is taken prior to 2006, or CMPT 114/115 if Computing Science (HL) is taken 2006 onwards.
2 Student will receive credit for CMPT 101 if Computing Science (standard level SL) is taken prior to 2006, or CMPT 101 or 114 if Computing Science (SL) is taken 2006 onwards.
3 Student cannot also receive credit for ENGL 103 at MacEwan University.
4 Student cannot also receive credit HIST 101 or 102 at MacEwan University.
5 Credit will be assessed on a student-by-student basis.

M. DOCUMENT TRANSLATION

Documents not printed in English must also include a certified English language translation. Translations must be literal, word-for-word, and in the same format as the original document. English translation services are provided by several agencies in Alberta, for example:

- Members of the Association of Translators and Interpreters of Alberta (ATIA)
  Edmonton Office
  P.O. Box 546
  Edmonton, Alberta T5J 2K8
  Phone: 780-434-8384
  atia.ab.ca

- Edmonton Immigrant Services Association
  Suite #201
  10720 – 113 Street
  Edmonton, Alberta T5H 3H8
  Phone: 780-474-8445
  Fax: 780-477-0883
eisa-Edmonton.org

N. SKILLS APPRAISAL

The Skills Appraisal is used to assess reading and writing skills. If your intended program requires mathematics, you may be tested in mathematics as well. If you have done appropriate prior coursework in the areas to be tested, you may be exempt from writing the Skills Appraisal. Once your official secondary and/or post secondary transcripts have been evaluated, we will determine if all or portions of the Skills Appraisal will need to be written. Some programs do not make exemptions and require all applicants to write all portions of the Skills Appraisal. Note: There is a fee for this test and results are valid for two years.

For details regarding the tests, re-write information and exemption criteria, refer to the Skills Appraisal brochure or at MacEwan.ca/SkillsAppraisal
An applicant who is completely bilingual and fluent in English shall be entitled to submit a written petition to the Office of the University Registrar providing evidence that the applicant’s English language proficiency exceeds the specified minimum levels, and requesting exemption from the language proficiency requirement. If you are fully bilingual and fluent in English, your petition should detail this – your background; your educational and personal experience with English; the language of instruction in the last three years of study as well as the applicant’s language for daily written and oral communication.

If your primary language* is not English, you must present one of the following:

*Primary language will be defined as the language in which the applicant is most proficient. The primary language must also be the applicant’s language of instruction in the last three years of study as well as the applicant’s language for daily written and oral communication.

### TESTS / LANGUAGE ASSESSMENTS

<table>
<thead>
<tr>
<th>No.</th>
<th>Test/Assessment</th>
<th>Required Score</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>IELTS – Academic International English Language Testing System</td>
<td>Minimum overall band score of 6.5 and a minimum score of 5.5 in each component</td>
<td><a href="http://www.ielts.org">www.ielts.org</a></td>
</tr>
<tr>
<td>2</td>
<td>TOEFL - Test of English as a Foreign Language</td>
<td>86 iBT (internet-based) and a minimum score of 21 on all 4 sections of reading/listening/speaking/writing or 580 PBT (paper-based) with a minimum score of 50 in each component</td>
<td><a href="http://www.toefl.org/infobull">www.toefl.org/infobull</a></td>
</tr>
<tr>
<td>3</td>
<td>CAEL (Canadian Academic English Language Assessment)</td>
<td>Minimum overall band score of 70 and a minimum score of 60 in each band</td>
<td><a href="http://www.cael.ca">www.cael.ca</a></td>
</tr>
<tr>
<td>4</td>
<td>PTE – Academic Pearson Test of English</td>
<td>PTE Academic with a minimum overall score of 59 and a minimum score of 56 in each band</td>
<td><a href="http://www.pearsonpte.com">www.pearsonpte.com</a></td>
</tr>
<tr>
<td>5</td>
<td>Cambridge English: Advanced or Cambridge English: Proficiency - Cambridge English Language Assessment</td>
<td>Minimum overall score of 180 and a minimum score of 165 in each skill</td>
<td><a href="http://www.cambridgeenglish.org">www.cambridgeenglish.org</a></td>
</tr>
</tbody>
</table>

### EDUCATIONAL EXPERIENCE

<table>
<thead>
<tr>
<th>No.</th>
<th>Educational Experience</th>
<th>Required Score</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>Alberta English 30-1 or ELA 30-1</td>
<td>75% (final blended grade)</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>IB (International Baccalaureate) Higher Level English A1, A2 or English B</td>
<td>6.0 (minimum grade)</td>
<td><a href="http://www.ibo.org">www.ibo.org</a></td>
</tr>
<tr>
<td>8</td>
<td>AP (Advanced Placement) – English College Board Exam</td>
<td>4.0 (minimum score)</td>
<td><a href="http://www.collegeboard.org/ap">www.collegeboard.org/ap</a></td>
</tr>
<tr>
<td>9</td>
<td>ENGL-086 ELP for University Reading and Writing AND ENGL-087 ELP for University – Listening and Speaking [formerly ENGL-0106] – Completed at MacEwan University or Global Village, Calgary</td>
<td>B- (minimum grade in each course)</td>
<td><a href="http://www.macewan.ca/">www.macewan.ca/</a> AcademicPathways</td>
</tr>
<tr>
<td>10</td>
<td>ERDW-085 Reading and Writing for Academic Purposes AND ESPL-085 Speaking and Listening for Academic Purposes and EOPT-068 Research Writing (formerly ESLG-085/ESLG-0105): Completed at MacEwan University</td>
<td>B- (minimum grade in each course)</td>
<td><a href="http://www.macewan.ca/esl">www.macewan.ca/esl</a></td>
</tr>
<tr>
<td>11</td>
<td>EAL 140 and EAL 145: Completed at University of Alberta or Canadian College of English Language</td>
<td>Successful completion of both courses. Official transcripts must be provided.</td>
<td><a href="http://www.extension.ualberta.ca">www.extension.ualberta.ca</a></td>
</tr>
<tr>
<td>12</td>
<td>6 credits of transferable university level English Language and Literature course(s)</td>
<td>B+ (minimum grade in each course)</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>An O-level, GSCE or IGCSE English Language or Literature course</td>
<td>B (minimum grade)</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Previous post secondary degree</td>
<td>Completed a degree from a recognized post secondary institution where English is the primary language of instruction and in a country where English is the principal language.</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Three years of full-time education in English</td>
<td>Successful completion of 3 years of full-time education in English: a) In Canada including the grade 12 year. This can be a combination of secondary and post secondary education b) In another country where English is recognized as an official language of instruction c) At a recognized school/institution which uses English as the primary language of instruction</td>
<td>Enrolment in English as a Second Language (ESL) courses or programs will not be included in the calculation of three years of full time study. Enrolment must be in a regular high school or post secondary credit program. Failing grades/courses will not be counted when calculating full time attendance. Only courses with passing grades will be considered.</td>
</tr>
<tr>
<td>16</td>
<td>Three years of full-time instruction in a school/institution in Canada in which the major language of instruction is other than English, but where the level of English proficiency required for graduation is equivalent to that in English language schools/institutions in Canada</td>
<td>Successful completion</td>
<td></td>
</tr>
</tbody>
</table>
CERTIFICATES, DIPLOMAS AND APPLIED DEGREES FOR ADMISSION TO THE FALL 2017, WINTER 2018 AND SPRING 2018 INTAKES:

If your primary language* is not English, you must present one of the following:

*Primary language will be defined as the language in which the applicant is most proficient. The primary language must also be the applicant’s language of instruction in the last three years of study as well as the applicant’s language for daily written and oral communication.

<table>
<thead>
<tr>
<th>TESTS / LANGUAGE ASSESSMENTS</th>
<th>REQUIRED SCORE</th>
<th>WEBSITE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. IELTS – Academic International English Language Testing System</td>
<td>Minimum overall band score of 6.0 and a minimum score of 5.5 in each component</td>
<td><a href="http://www.ielts.org">www.ielts.org</a></td>
</tr>
<tr>
<td>2. TOEFL Test of English as a Foreign Language</td>
<td>79 iBT (internet-based) and a minimum score of 18 on all 4 sections of reading/listening/speaking/writing or 550 PBT (paper-based)</td>
<td><a href="http://www.toefl.org/infolbull">www.toefl.org/infolbull</a></td>
</tr>
<tr>
<td>3. CAEL (Canadian Academic English Language Assessment)</td>
<td>Minimum overall band score of 60 and a minimum score of 60 in each band</td>
<td><a href="http://www.cael.ca">www.cael.ca</a></td>
</tr>
<tr>
<td>4. PTE – Academic Pearson Test of English</td>
<td>PTE Academic with a minimum overall score of 51 and a minimum score of 49 in each band</td>
<td><a href="http://www.pearsonpte.com">www.pearsonpte.com</a></td>
</tr>
<tr>
<td>5. EIKEN Test in Practical English Proficiency</td>
<td>Minimum Grade Pre-1 score</td>
<td><a href="http://www.stepeiken.org">www.stepeiken.org</a></td>
</tr>
<tr>
<td>6. Cambridge English: Advanced or Cambridge English: Proficiency - Cambridge English Language Assessment</td>
<td>Minimum overall score of 172 and a minimum score of 165 in each skill</td>
<td><a href="http://www.cambridgeenglish.org">www.cambridgeenglish.org</a></td>
</tr>
</tbody>
</table>

EDUCATIONAL EXPERIENCE

<table>
<thead>
<tr>
<th>REQUIREY SCORE</th>
<th>WEBSITE</th>
</tr>
</thead>
<tbody>
<tr>
<td>7. Alberta English 30-1 or ELA 30-1</td>
<td>65% (final blended grade)</td>
</tr>
<tr>
<td>8. IB (International Baccalaureate) Higher Level English A1, A2 or English B</td>
<td>5.0 (minimum grade)</td>
</tr>
<tr>
<td>9. AP (Advanced Placement) – English College Board Exam</td>
<td>3.0 (minimum score)</td>
</tr>
<tr>
<td>10. ENGL-086 ELP for University Reading and Writing AND ENGL-087 ELP for University – Listening and Speaking [formerly ENGL-0106] – Completed at MacEwan University or Global Village, Calgary</td>
<td>C (minimum grade in each course)</td>
</tr>
<tr>
<td>11. ERDW-085 Reading and Writing for Academic Purposes AND ESPL-085 Speaking and Listening for Academic Purposes AND EOPT-068 Research Writing (formerly ESLG-085/ESLG-0105): Completed at MacEwan University</td>
<td>C (minimum grade in each course)</td>
</tr>
<tr>
<td>12. EAL 140 and EAL 145: Completed at University of Alberta or Canadian College of English Language</td>
<td>Successful completion of both courses. Official transcripts must be provided.</td>
</tr>
<tr>
<td>13. 6 credits of transferable university level English Language and Literature course(s)</td>
<td>C- (minimum grade in each course)</td>
</tr>
<tr>
<td>14. An O-level, GSCE or IGCSE English Language or Literature course</td>
<td>C (minimum grade)</td>
</tr>
<tr>
<td>15. Previous two-year diploma</td>
<td>Completed a two-year diploma from a recognized post secondary institution where English is the primary language of instruction and in a country where English is the principal language</td>
</tr>
</tbody>
</table>
| 16. Three years of full-time education in English                                         | Successful completion of 3 years of full-time education in English:  
  a) In Canada including the grade 12 year. This can be a combination of secondary and post secondary education  
  b) In another country where English is recognized as an official language of instruction  
  c) At a recognized school/institution which uses English as the primary language of instruction | Enrolment in English as a Second Language (ESL) courses or programs will not be included in the calculation of three years of full time study. Enrolment must be in a regular high school or post secondary credit program. Failing grades/courses will not be counted when calculating full time attendance. Only courses with passing grades will be considered. |
| 17. Three years of full-time instruction in a school/institution in Canada in which the major language of instruction is other than English, but where the level of English proficiency required for graduation is equivalent to that in English language schools/ institutions in Canada | Successful completion |                                                 |

An applicant who is completely bilingual and fluent in English shall be entitled to submit a written petition to the Office of the University Registrar providing evidence that the applicant’s English language proficiency exceeds the specified minimum levels, and requesting exemption from the language proficiency requirement. If you are fully bilingual and fluent in English, your petition should detail this – your background; your educational and personal experience with English; the language of instruction throughout your schooling and the language you use at home and on a daily basis; why you believe that an exception to the requirement is warranted in your situation. Attestations from former English instructors and reports of any standardized English language proficiency tests may be supportive of your petition.

The Admissions Unit of the Office of the University Registrar will review the petition for possible waiver. Successful petition will not guarantee admission to another institution.
## BACHELOR OF SCIENCE IN NURSING AND PSYCHIATRIC NURSING (DIPLOMA) PROGRAM FOR ADMISSION TO THE FALL 2017, WINTER 2018 AND SPRING 2018 INTAKES:

If your primary language* is not English, you must present one of the following:

*Primary language will be defined as the language in which the applicant is most proficient. The primary language must also be the applicant’s language of instruction in the last three years of study as well as the applicant’s language for daily written and oral communication.

<table>
<thead>
<tr>
<th>TESTS / LANGUAGE ASSESSMENTS</th>
<th>REQUIRED SCORE</th>
<th>WEBSITE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 IELTS – Academic</td>
<td>Minimum overall band score of 6.5 and a minimum score of 5.5 in Reading and Writing, 6.0 in Listening, and 7.0 in Speaking*</td>
<td><a href="http://www.ielts.org">www.ielts.org</a></td>
</tr>
<tr>
<td>2 TOEFL</td>
<td>86 iBT (internet-based) and a minimum score of 21 in Reading and Writing, 23 in Listening, and 26 in Speaking*</td>
<td><a href="http://www.toefl.org/infobull">www.toefl.org/infobull</a></td>
</tr>
<tr>
<td>3 CAEL</td>
<td>Minimum overall band score of 70 and minimum scores of 60 in Reading and Writing, and minimum scores of 70 in Listening and Speaking*</td>
<td><a href="http://www.cael.ca">www.cael.ca</a></td>
</tr>
<tr>
<td>4 PTE – Academic</td>
<td>PTE Academic with a minimum overall score of 59 and minimum scores of 56 in Reading and Writing, 58 in Listening, and 71 in Speaking*</td>
<td><a href="http://www.pearsonpte.com">www.pearsonpte.com</a></td>
</tr>
<tr>
<td>5 MELAB</td>
<td>Minimum overall score of 85 and a minimum score of 4 in the Speaking Test*</td>
<td><a href="http://www.cambridgemichigan.org/institutions/products-services/tests/proficiency-certification/melab/">www.cambridgemichigan.org/institutions/products-services/tests/proficiency-certification/melab/</a></td>
</tr>
<tr>
<td>6 Cambridge English: Advanced or Cambridge English: Proficiency - Cambridge English Language Assessment</td>
<td>Minimum overall score of 180 and a minimum score of 165 in Reading and Writing, 172 in Listening, and 188 in Speaking</td>
<td><a href="http://www.cambridgeenglish.org">www.cambridgeenglish.org</a></td>
</tr>
</tbody>
</table>

*Note: The speaking requirement can also be met by successfully completing the Speaking Test (administered through University of Alberta Extension) with a minimum score of 50. Official transcripts must be provided. Refer to www.elp.ualberta.ca or contact elpinfo@ualberta.ca/Tel: (+1)780-492-3036/Tel: (+1)780-492-5530

<table>
<thead>
<tr>
<th>EDUCATIONAL EXPERIENCE</th>
<th>REQUIRED SCORE</th>
<th>WEBSITE</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 ENGL 086 ELP for University – Reading and Writing and ENGL 087 ELP for University – Listening and Speaking Completed at Grant MacEwan University or Global Village Calgary (formerly ENGL-086 – 10 credits, ENGL-0106)</td>
<td>B- (minimum grade in each course)</td>
<td><a href="http://www.macewan.ca/AcademicPathways">www.macewan.ca/AcademicPathways</a></td>
</tr>
<tr>
<td>8 ERDW-085 Reading and Writing for Academic Purposes and ESPL-085 Speaking and Listening for Academic Purposes and EOPT-068 Research Writing Completed at Grant MacEwan University (formerly ESGL-085/ESGL-0105)</td>
<td>B- (minimum grade in each course)</td>
<td><a href="http://www.macewan.ca/esl">www.macewan.ca/esl</a></td>
</tr>
<tr>
<td>9 EAL 140 and EAL 145 and Speaking Test Completed at University of Alberta or Canadian College of English Language</td>
<td>Successful completion of both courses and a minimum score of 50 in the Speaking Test</td>
<td><a href="http://www.extension.ualberta.ca">www.extension.ualberta.ca</a></td>
</tr>
</tbody>
</table>

Based on policy C5010 Admissions, no petitions or waivers will be considered for the above requirements.
P. THERAPIST ASSISTANT PROGRAM – SPEECH LANGUAGE PATHOLOGIST ASSISTANT MAJOR SPOKEN ENGLISH PROFICIENCY FOR ADMISSION TO FALL 2017, WINTER 2018 AND SPRING 2018 INTAKES:

If your primary language* is not English, you must present one of the following:

*Primary language will be defined as the language in which the applicant is most proficient. The primary language must also be the applicant’s language of instruction in the last three years of study as well as the applicant’s language for daily written and oral communication.

<table>
<thead>
<tr>
<th>TESTS / LANGUAGE ASSESSMENTS</th>
<th>REQUIRED SCORE</th>
<th>WEBSITE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 IELTS – Academic</td>
<td>Minimum score of 7.0 on Speaking</td>
<td><a href="http://www.ielts.org">www.ielts.org</a></td>
</tr>
<tr>
<td>International English Language Testing System</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 TOEFL</td>
<td>Minimum score of 26 on iBT (internet-based) Speaking</td>
<td><a href="http://www.toefl.org/infobull">www.toefl.org/infobull</a></td>
</tr>
<tr>
<td>Test of English as a Foreign Language</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 CAEL</td>
<td>Minimum score of 70 on sub-test for Speaking</td>
<td><a href="http://www.cael.ca">www.cael.ca</a></td>
</tr>
<tr>
<td>Canadian Academic English Language Assessment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 PTE</td>
<td>PTE Academic with a minimum score of 71 for Speaking</td>
<td><a href="http://www.pearsonpte.com">www.pearsonpte.com</a></td>
</tr>
<tr>
<td>Pearson Test of English</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 Speaking Test</td>
<td>Minimum score of 50</td>
<td><a href="http://www.elp.ualberta.ca">www.elp.ualberta.ca</a> or <a href="mailto:elpinfo@ualberta.ca">elpinfo@ualberta.ca</a></td>
</tr>
<tr>
<td>Administered through University of Alberta Extension</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6 Cambridge English: Advanced or Cambridge English: Proficiency - Cambridge English Language Assessment</td>
<td>Minimum overall score of 188 in Speaking</td>
<td><a href="http://www.cambridgeenglish.org">www.cambridgeenglish.org</a></td>
</tr>
<tr>
<td>Educational Experience</td>
<td>REQUIRED SCORE</td>
<td>WEBSITE</td>
</tr>
<tr>
<td>7 6 years of full-time education in English</td>
<td>Successful completion of 6 years of full-time education in English in Canada or the equivalent in another country where English is the principal language. Such education must include Alberta Grade 12 (or equivalent level) and can combine secondary and post secondary training</td>
<td></td>
</tr>
<tr>
<td>8 Previous post secondary degree</td>
<td>Completed a degree from a recognized post secondary institution where English is the primary language of instruction and in a country where English is the principal language</td>
<td></td>
</tr>
</tbody>
</table>

Based on policy C5010 Admissions, no petitions or waivers will be considered for the Spoken English Proficiency requirements.

Q. VISITING STUDENTS

1. Outbound (MacEwan University Students Studying at Another Post secondary Institution)
   a. Students enrolled in a program at MacEwan University who wish to take a course(s) offered by another post secondary institution must obtain approval from their program. The approval process is subject to their Faculty/School regulations and, if granted, students are issued a Letter of Permission (LOP) by the Office of the University Registrar.
   Letter of Permission – Authorizes students to take courses at another post secondary institution as a visiting student. The letter includes the name of the ‘host’ institution, their current academic standing, and indicates the MacEwan University courses for which credit will be granted upon successful completion.
   b. Students who wish to participate in a Study Abroad opportunity should contact MacEwan International regarding the process.

2. Inbound (Other Post secondary Students Studying at MacEwan University)
   a. Students enrolled at another post secondary institution who wish to study at MacEwan University should complete the following steps:
      i. Apply to MacEwan University as an Open Studies student.
      ii. Submit a Letter of Permission from your home institution authorizing you to attend MacEwan University to the Office of the University Registrar. The LOP must include the specific courses you have been granted permission to register in and your current academic standing.

Only students deemed to be in good academic standing are eligible to enrol.

R. CONTACT INFORMATION

T: 780-497-5000
Toll-free: 1-888-497-4622
ENROLMENT

All students at the university are required to enrol in courses. Students will not be permitted to attend classes unless officially enrolled.

HOW TO ENROL
• Using your MacEwan University Network ID, log into myMacEwan.ca
• Click on the myStudentSystem tab to enrol in your courses and pay your tuition fees
For online instructions on how to use myStudentSystem navigate to our Step-By-Step Guide at MacEwan.ca/UsingmyStudentSystem

MAKING CHANGES IN COURSES
You may make course additions or course section changes up to the last day for course add/changes as specified in the academic schedule for each term. These changes will be permitted only if space is available in the course section you have chosen. You may drop a credit course without academic penalty any time up to the academic withdrawal date.

BEFORE THE ADD/DROP DEADLINE PUBLISHED IN THE ACADEMIC SCHEDULE:
Most students are able to drop their courses online up until the withdrawal date published in the Academic Schedule. If you drop a course before the last day to add/drop then no record of that course will appear on your transcript. If you drop a course between the last day to add/drop and the withdrawal date then the course will appear on your transcript and a “W” grade will be assigned to your record.

Note: Any changes may alter your current fee assessment. See the Refund Policies section for more information.
After the “Add/Drop Deadline” each term, if you drop a course you will receive a grade of “W” on your transcript and you will be responsible for the full tuition of the course.

Notifying your instructor, ceasing to attend classes, or stopping payment on a cheque will NOT be accepted as a course(s) drop.
If there is a change in your fee assessment, you may receive a refund or a fee notice by the Financial Services department.

Note: As all courses may not be offered every term, students should consult the schedule of courses for each term before dropping a course.

STUDENTS WITH DISABILITIES
Students who may require accommodations due to a disability are advised to discuss their needs with Services to Students with Disabilities (MacEwan.ca/SSD). Students should also advise instructors at the beginning of the course if accommodations are requested.
STUDENT RECORDS AND TRANSCRIPTS

MacEwan University will create and maintain student records necessary to meet the administrative and academic needs of the university and shall collect, retain, use, disclose, and dispose of all information collected in accordance with the following policies:

• E1050 Management of Student Records and Information;
• D6010 Use of Computer Facilities and Information Resources;
• D7510 Records and Information Management;
• D8010 Information Security and Identity Management;
• Other related policies, official manuals of the university, and provincial/federal legislation pertaining to access to information and protection of privacy.

OFFICIAL STUDENT FILE AND RECORD

The Official Student File and Official Student Record are under the custody and control of the Office of the University Registrar, which is accountable for the management of these records. Student records are managed according to the provisions of Policy E1050 Management of Student Records and Information. Additional records relating to students may also exist in academic areas and in Personal Information Banks elsewhere in the university. Original completed student Releases, Consents, Waivers and other Agreements must be sent promptly for placement on the Official Student File in the Office of the University Registrar.

OFFICIAL STUDENT TRANSCRIPT

An Official Transcript of the student academic record is created, maintained and under the custody and control of the Office of the University Registrar. This is considered confidential information and will not be released without written consent.

The Official Transcript includes the official student name(s), birth date, courses, grades, academic standing statuses, and graduation program, major, minor and date.

To obtain an Official Transcript, write or send a Transcript Request form to the Office of the University Registrar. Transcripts can be mailed, faxed, picked up in person by the student, or picked up by or sent to anyone other than the student. MacEwan University requires the student’s written authorization to have transcripts sent to institutions, employers, legal counsel and other agencies or picked-up by a Third Party as this is a release of student personal information. If you want the transcript(s) sent to someone other than yourself or a post secondary institution, be sure to specify the name and address including postal code.

GRADING

MacEwan University utilizes one letter grade system based on the Alberta Common Grading Scheme for the reporting of final grades in credit courses. All final grades shall be reported to the Office of the University Registrar using letter grades. Letter grades shall be converted to the four-point grading scale for the calculation of a Grade Point.

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>Grade Point Value</th>
<th>Grade Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>4.0</td>
<td>Outstanding</td>
</tr>
<tr>
<td>A</td>
<td>4.0</td>
<td>Excellent</td>
</tr>
<tr>
<td>A-</td>
<td>3.7</td>
<td></td>
</tr>
<tr>
<td>B+</td>
<td>3.3</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
<td>Good</td>
</tr>
<tr>
<td>B-</td>
<td>2.7</td>
<td></td>
</tr>
<tr>
<td>C+</td>
<td>2.3</td>
<td>Satisfactory</td>
</tr>
<tr>
<td>C</td>
<td>2.0</td>
<td></td>
</tr>
<tr>
<td>C-</td>
<td>1.7</td>
<td></td>
</tr>
<tr>
<td>D+</td>
<td>1.3</td>
<td>Poor</td>
</tr>
<tr>
<td>D</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>F</td>
<td>0.0</td>
<td>Fail</td>
</tr>
<tr>
<td>WF</td>
<td>0.0</td>
<td>Withdraw Failure</td>
</tr>
</tbody>
</table>

Grades and notations not included in the GPA calculations:

AU Audit
CIP Course In Progress
CR Completed Requirements
DEF Deferred
IN Incomplete
IP In Progress (continued next term)
NCR Not Completed Requirements
NGR No Grade Received
S Supplemental Privilege (not included in GPA if subsequent grade is recorded)
TR Transfer Credit
W Withdrawal (without academic penalty)

Academic Probation
Required to Withdraw

* Beginning in the 2016/2017 academic year, there are no situations where a student may be assigned a “WF”.
GRADE POINT AVERAGE

Grade Point Value: A grade point value is a number between 0.0 and 4.0 that is assigned to a letter grade.

Grade Point: A Grade Point is defined as Grade Point Value multiplied by course credits and then used to calculate a Grade Point Average (GPA).

Grade Point Average (GPA): The GPA is a weighted average calculated by dividing the sum of all grade points by the sum of all credits attempted. Courses with the notations of W (Withdrawal), TR (Transfer Credit), or AU (Audit) are not included in any GPA calculations.

Term Grade Point Average (Term GPA): The Term GPA is calculated by dividing the sum of grade points achieved in the term by the sum of all credits attempted in the term. The Term GPA is included on the transcript.

Cumulative Grade Point Average (CGPA): The CGPA is calculated by dividing the sum of total grade points achieved by the sum of all credits attempted.

Graduation Grade Point Average (GGPA): The GGPA is calculated by dividing the sum of the total grade points achieved and counted towards a program credential by the sum of all those credits.

Although a pass in a course is D (1.0), in some courses students are required to achieve more than a minimal level of achievement in order to proceed in their program, or to transfer a course to another program or institution.

In order to remain in good standing, a student must obtain an Academic Standing GPA of 2.0 or higher, or for Arts Honours, an Academic Standing GPA of 3.0 or higher.

Students may request the reassessment of written final examinations within 15 calendar days from the date of the official release of the course grades.

Student performance in a course shall normally be assessed on more than one occasion. No single evaluation event shall have a value of greater than 60 per cent of the course grade, with the following exceptions:

• All one-credit courses are exempted;
• Directed Field Studies courses (in Applied Degree programs) may be exempted where a single project or research study constitutes the course requirements;
• Clinical courses in baccalaureate nursing, psychiatric nursing, nursing refresher, and specialty nursing programs may be exempted;
• Four-hundred level seminars, independent study courses, directed research courses, and thesis courses may be exempted.

Deferred Exams – Application for a deferred examination must be made using a Deferred Examination Request form no later than two (2) business days after the missed examination or final assessment activity date (also see policy C2005 Final Assessment).

Reassessment of Final Exam – Students can apply for a reassessment of a final examination. This application must be made in writing to the program/department chair responsible for the course. This application must indicate the reason for the application and must be accompanied by proof of payment of the final examination reassessment fee. The application must be made within fifteen (15) days of the official issuance of grades.

Supplemental Examination – Students wishing to write a Supplemental examination shall contact the program/department chair to ascertain eligibility for a Supplemental examination within five (5) working days of the posting of grades.

Any student who leaves a co-op job without approval will receive a failing grade for the work term and may be prohibited from continuing in the Co-operative Education program (C2065).

How is a GPA Calculated?

\[
\text{GPA} = \frac{\text{sum(grade point values × credits)}}{\text{sum of credits}} = \frac{\text{sum of grade points}}{\text{sum of course credits attempted}}
\]

Example:

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
<th>Grade Point Value</th>
<th>Credits</th>
<th>Total Grade Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPRR 109</td>
<td>In progress</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>SOCI 100</td>
<td>C+</td>
<td>2.3</td>
<td>3</td>
<td>6.9</td>
</tr>
<tr>
<td>HIST 260</td>
<td>B-</td>
<td>2.7</td>
<td>3</td>
<td>8.1</td>
</tr>
<tr>
<td>FREN 111</td>
<td>F</td>
<td>0</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>PSYC 104</td>
<td>W</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Total 9 15

Term Grade Point Average = \( \frac{15 \text{ total grade points}}{9 \text{ credits}} \) = 1.66

Former Grading Scales

1990 – 2004 – No grade of A+
September 1978 to August 1990
A = Excellent: 4 Grade Points/Credit
B = Very Good: 3 Grade Points/Credit
C = Average: 2 Grade Points/Credit
D = Low Pass: 1 Grade Point/Credit
CR = Completed Requirements: Not Calculated in GPA
I = Incomplete: Not Calculated in GPA
W = Withdraw: Not Calculated in GPA
F = Failure: 0 Grade Points/Credit
AUD = Auditor: Not Calculated in GPA
NMR = No Mark Received: Not calculated in GPA Hours of Instruction

ACADEMIC STANDING

MacEwan University is committed to academic success and provides a variety of services to help students achieve success. As part of this commitment the university establishes criteria for assessing academic performance and reviews students’ performance. The existence of established criteria for academic performance allows students to monitor their own performance. The results of the academic review enable the university to recognize superior performance and to address unacceptable performance. The university undertakes to complete the review of academic standing as quickly as possible. Students are responsible for monitoring their own progress and for seeking assistance.

The categories and criteria for academic merit and good standing follow:

a) Graduation with Distinction

Students with a Graduation Grade Point Average (GGPA) of 3.7 or higher shall receive a credential “with Distinction.” Students must complete all residency...
requirements to receive this distinction. A notation will be made on the student’s transcript.

b) Dean’s List
Students who maintain a Grade Point Average (GPA) of 3.7 or higher while enrolled in twenty-four (24) or more credits of study in two consecutive terms and not less than twelve (12) credits in any one term shall be entered on the Dean’s List. A notation will be made on the student’s transcript and the dean will send a letter.

c) First Class Standing
Students who have an Academic Standing GPA of 3.30-3.69 while enrolled in twenty-four (24) or more credits of study in two consecutive terms and not less than twelve (12) credits during a term shall be deemed to have attained First Class Standing. A notation will be made on the student’s transcript.

d) Good Standing
Students who have an Academic Standing GPA of 2.0 or higher shall be in Good Standing. No transcript notation will be made.

Students must also achieve satisfactory performance in all clinical, field placement, ensemble setting, or equivalent requirements of their program in order to be in Good Standing or to receive recognition of merit.

Notifications of Unsatisfactory Academic Performance
1. The records of all students are reviewed at the end of the Winter term, when a minimum of *18 credits has been completed, academic standing is assessed.
2. Students who have an Academic Standing GPA between 1.3 and 1.99 are placed on Academic Probation.
3. Students are Required to Withdraw (RTW) when they meet one of the following conditions:
   • GPA below 1.30 in an Academic Standing Year.
   • GPA below 2.00 in any consecutive Academic Standing Years.
   • GPA below 2.00 in any two non-sequential years when the intervening year is not an Academic Standing Year.
   • GPA below 2.00 in any single year after returning from Required to Withdraw status unless five years has elapsed since the last Required to Withdraw.
4. A student placed on academic probation for a third time is subject to review and can be required to withdraw by the Dean.
5. The performance of a student in a clinical, field placement, ensemble setting, or equivalent may be reviewed at any time, and, if the student is failing to meet the prescribed level of performance, the student may be Withdrawn from the Program. Upon receiving instruction from the Dean to withdraw the student, the University Registrar (or designate) shall notify the student in writing.
6. A student who fails to complete a prerequisite course designated as being required for progress in the program may be Withdrawn from the program. Upon receiving instruction from the Dean to withdraw the student, the University Registrar (or designate) shall notify the student in writing.

Students who are placed on Academic Probation are advised in writing by the Office of the University Registrar of the consequences of Academic Probation and requirements to regain Good Standing. Students also receive information about sources of assistance available within the university. Students who have been Required to Withdraw are advised in writing by the Office of the University Registrar of the consequences of being Required to Withdraw, requirements for re-admission, and sources of advice within the university. The transcript indicates if a student has been Required to Withdraw or placed on Academic Probation due to unsatisfactory standing. This notation is not removed from the transcript.

Conditions of Unsatisfactory Academic Standing
1. After being assigned a standing of Academic Probation, to regain Good Standing a student must, achieve a grade point average of 2.0 or higher on a minimum of *18 credits in the next Academic Standing Year.
2. Programs may require probationary students to limit the number of credits in which they enroll and to engage in remedial activities. In cases where programs limit the number of credits and/or require students to engage in remedial activities, these requirements shall be communicated in letters, sent by the program area, informing students of the requirements set by the program for probationary status.
3. Students who have been Required to Withdraw for unsatisfactory academic performance may be considered for re-admission after 12 or more months have elapsed since the student was Required to Withdraw.
4. Re-admission after Required to Withdraw is not guaranteed (See policy C5010 (Admissions) for regulations regarding re-admission).

Appeals
Students wishing to appeal their Academic Standing must follow the Regulations as set out in E3103 (Student Appeals). For purposes of this policy, the Associate Dean shall be considered the initial ruler of the decision.

CHANGE OF NAME OR ADDRESS
This information is considered confidential and is only used for official university business. Having current name, address and contact information on file with MacEwan University is critical to effective university communications with students.

Change of Legal Name: All legal name changes must be submitted in writing or on the appropriate form to the Office of the University Registrar, and accompanied by at least one of the following official government issue identification (ID): valid driver’s license, provincial ID card, passport, or citizen documentation. Only current ID will be recognized as valid. Expired ID will not be accepted for a name change.

Change of Address: All program students at MacEwan University are given access to myStudentSystem. This allows students to change their address and telephone number via the web. Students may also complete a Notification of Change of Address form or mail a post office change notice to the Office of the University Registrar.

Change of Preferred Name: Students may change or update their preferred name through myStudentSystem.
FEES

APPLICATION FEES
Applying to a program? Remember to include your application fee of: $110 per application. For most of our programs you will be able to select a second choice program within the same application.
Fees must be submitted each time an application is submitted. Application fees are non-refundable and cannot be applied toward tuition.

ADMISSION CONFIRMATION DEPOSIT
To guarantee your position in the program, you must accept your offer of admission and pay the Admission Confirmation Deposit within 45 days of your date of acceptance.
All cheques, money orders, and drafts MUST have all of the following imprints by the bank:
• bank transit swift number
• bank account number
• branch number
• cheque, money order or draft number
For Canadian applicants, the most convenient method to pay your program deposit is online.

ADMISSIONS RELATED FEES AND DEPOSITS

<table>
<thead>
<tr>
<th>FEE DESCRIPTION</th>
<th>ALL ADMISSION INTAKES IN THE 2018-2019 ACADEMIC YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application for Admissions Fee</td>
<td>$110</td>
</tr>
<tr>
<td>Admission Confirmation Deposit (applied towards tuition)</td>
<td>$400*</td>
</tr>
<tr>
<td>Admission Confirmation Deposit for an International Applicant Residing Outside of Canada at Time of Application (applied towards tuition)</td>
<td>$10,000</td>
</tr>
<tr>
<td>Admission Confirmation Deposit for an International Applicant Residing Inside of Canada at Time of Application (applied towards tuition)</td>
<td>$1,000</td>
</tr>
<tr>
<td>Outbound Exchange Student Application Fee</td>
<td>$100</td>
</tr>
</tbody>
</table>

*Students may be eligible for a 50% refund of their Admission Confirmation Deposit if they notify the Office of the University Registrar in writing of their intent to withdraw from the university by the following deadlines: Fall Term – July 1st, Winter Term – November 1st and Spring/Summer Term – March 1st.

International applicants will receive a 100 per cent refund of their Admission Confirmation Deposit if the Study Permit is denied and a copy of the denial letter from Immigration, Refugees and Citizenship Canada (IRCC) is received by the Office of the University Registrar. International applicants who decide not to attend MacEwan University may be eligible for a refund of up to 50 per cent of the Admission Confirmation Deposit.

TUITION AND SERVICE FEES
As a post secondary student you are expected to make a direct financial contribution to the operating costs of your educational activity. Tuition fees, which are fees for instruction, are established and reviewed on an annual basis through the university’s approval process in accordance with the provincial tuition fee legislation. Service fees are developed and approved through the university’s fee approval process and are reviewed on an annual basis. Service fees are defined as fees for specified products or services and are either mandatory or optional. All fees for service must be paid at the time they are assessed. Fees related to undergraduate course registration(s) must be paid prior to the publish deadline in the annual academic schedule produced by the Office of the University Registrar.
<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CANADIAN²</th>
<th>PROGRAM</th>
<th>CANADIAN²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Pathways³</td>
<td>$222</td>
<td>English as a Second Language³</td>
<td>$209</td>
</tr>
<tr>
<td>Accounting and Strategic Measurement</td>
<td>$134</td>
<td>Fine Art</td>
<td>$134</td>
</tr>
<tr>
<td>Acupuncture</td>
<td>$305</td>
<td>General Studies</td>
<td>$154</td>
</tr>
<tr>
<td>Arts and Cultural Management</td>
<td>$154</td>
<td>Hearing Aid Practitioner</td>
<td>$154</td>
</tr>
<tr>
<td>Asia Pacific Management</td>
<td>$154</td>
<td>Human Resources Management</td>
<td>$180</td>
</tr>
<tr>
<td>Bachelor of Applied Business Administration - Accounting</td>
<td>$134</td>
<td>Legal Assistant</td>
<td>$134</td>
</tr>
<tr>
<td>Bachelor of Applied Human Service Administration</td>
<td>$180</td>
<td>Library and Information Technology</td>
<td>$209</td>
</tr>
<tr>
<td>Bachelor of Arts</td>
<td>$154</td>
<td>Massage Therapy</td>
<td>$154</td>
</tr>
<tr>
<td>Bachelor of Child and Youth Care</td>
<td>$154</td>
<td>Music (Diploma)</td>
<td>$180</td>
</tr>
<tr>
<td>Bachelor of Commerce</td>
<td>$154</td>
<td>Occupational Health Nursing</td>
<td>$180</td>
</tr>
<tr>
<td>Bachelor of Communication Studies</td>
<td>$209</td>
<td>Office Assistant</td>
<td>$134</td>
</tr>
<tr>
<td>Bachelor of Music in Jazz and Contemporary Popular Music</td>
<td>$180</td>
<td>Open Studies</td>
<td>$222</td>
</tr>
<tr>
<td>Bachelor of Physical Education Transfer</td>
<td>$134</td>
<td>Perioperative Nursing for Registered Nurses</td>
<td>$222</td>
</tr>
<tr>
<td>Bachelor of Psychiatric Nursing</td>
<td>$180</td>
<td>Police and Investigations</td>
<td>$134</td>
</tr>
<tr>
<td>Bachelor of Science</td>
<td>$180</td>
<td>Post-Basic Nursing Practice</td>
<td>$222</td>
</tr>
<tr>
<td>Bachelor of Science in Engineering Transfer</td>
<td>$134</td>
<td>Preparation for University and College³</td>
<td>$154</td>
</tr>
<tr>
<td>Bachelor of Science in Nursing</td>
<td>$180</td>
<td>Psychiatric Nursing (Diploma)</td>
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<tr>
<td>Bachelor of Social Work</td>
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<td>Public Relations</td>
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<tr>
<td>Business Management</td>
<td>$134</td>
<td>Social Work (Diploma)</td>
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<tr>
<td>Cardiac Nursing Post-basic Certificate</td>
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<td>Special Needs Educational Assistant</td>
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<tr>
<td>Correctional Services</td>
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<td>Theatre Arts</td>
<td>$134</td>
</tr>
<tr>
<td>Design Studies</td>
<td>$134</td>
<td>Theatre Production</td>
<td>$134</td>
</tr>
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<td>Disability Management in the Workplace</td>
<td>$134</td>
<td>Therapist Assistant</td>
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<tr>
<td>Disability Studies: Leadership and Community</td>
<td>$134</td>
<td>Travel</td>
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<tr>
<td>Early Learning and Child Care</td>
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<td>Wound Management Post-basic Certificate</td>
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</tr>
<tr>
<td>Emergency Communications and Response</td>
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</tr>
</tbody>
</table>

1Tuition fees are calculated by taking the number of course credits multiplied by the per credit tuition rate for your program.
2The Canadian category includes Permanent Residents and Convention Refugees.
3Tuition fees for academic upgrading (high school) and English language preparation courses are calculated by taking 60% of the number of course credits multiplied by the per credit tuition rate for your program.

**FALL 2017 AND WINTER 2018 INTERNATIONAL TUITION FEES - POST SECONDARY PROGRAMS (CERTIFICATE, DIPLOMA, AND DEGREE PROGRAMS)**

<table>
<thead>
<tr>
<th>CREDITS</th>
<th>TUITION PER CREDIT</th>
<th>TOTAL TUITION</th>
<th>CREDITS</th>
<th>TUITION PER CREDIT</th>
<th>TOTAL TUITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>N/A</td>
<td>$5,472</td>
<td>10</td>
<td>$608</td>
<td>$6,080</td>
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<tr>
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<td>N/A</td>
<td>$5,472</td>
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<tr>
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<td>N/A</td>
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<tr>
<td>4</td>
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<td>13</td>
<td>$608</td>
<td>$7,904</td>
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<tr>
<td>5</td>
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<td>$608</td>
<td>$8,512</td>
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<tr>
<td>6</td>
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<td>15</td>
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<td>$9,120</td>
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<tr>
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<tr>
<td>8</td>
<td>N/A</td>
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<td>$608</td>
<td>$10,336</td>
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<tr>
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<td>N/A</td>
<td>$5,472</td>
<td>18</td>
<td>$608</td>
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</tbody>
</table>
### 2017-2018 INTERNATIONAL TUITION FEES - PREPARATORY PROGRAMS
(Preparation for University and College, ESL, APP)

<table>
<thead>
<tr>
<th>CREDITS</th>
<th>TUITION PER CREDIT</th>
<th>TOTAL TUITION</th>
<th>CREDITS</th>
<th>TUITION PER CREDIT</th>
<th>TOTAL TUITION</th>
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</thead>
<tbody>
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<td>$8,512</td>
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<tr>
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<td>$608</td>
<td>$5,472</td>
<td>18</td>
<td>$608</td>
<td>$10,944</td>
</tr>
</tbody>
</table>

### 2018 SPRING/SUMMER INTERNATIONAL TUITION FEES - ALL PROGRAMS
(Post Secondary and Preparatory Programs)

<table>
<thead>
<tr>
<th>CREDITS</th>
<th>TUITION PER CREDIT</th>
<th>TOTAL TUITION</th>
<th>CREDITS</th>
<th>TUITION PER CREDIT</th>
<th>TOTAL TUITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>$608</td>
<td>$608</td>
<td>10</td>
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<td>$6,080</td>
</tr>
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<tr>
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<td>$9,728</td>
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<tr>
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<td>$608</td>
<td>$5,472</td>
<td>18</td>
<td>$608</td>
<td>$10,944</td>
</tr>
</tbody>
</table>

### 2017-2018 MANDATORY TERM FEES

<table>
<thead>
<tr>
<th>UNIVERSITY MANDATORY TERM FEES</th>
<th>FALL OR WINTER TERMS</th>
<th>SPRING/SUMMER TERM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Information Technology Fee</td>
<td>$34.50</td>
<td>$34.50</td>
</tr>
<tr>
<td>Medical Clinic Δ</td>
<td>$10 (at 6+ credits)</td>
<td>$10 (at 6+ credits)</td>
</tr>
<tr>
<td>Registrarial Service Fee</td>
<td>$13 (full-time, 9 credits +)</td>
<td>$13 (full-time, 9 credits +)</td>
</tr>
<tr>
<td></td>
<td>$6.50 (part-time, 1-8 credits)</td>
<td>$6.50 (part-time, 1-8 credits)</td>
</tr>
<tr>
<td>Sport &amp; Wellness Fee Δ</td>
<td>$84 (at 6+ credits)</td>
<td>$84 (at 6+ credits)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>STUDENTS’ ASSOCIATION OF MACEWAN UNIVERSITY (SAMU) MANDATORY TERM FEES</th>
<th>FALL OR WINTER TERMS</th>
<th>SPRING/SUMMER TERM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dental Benefit Fee Δ</td>
<td>$49 (at 9+ credits)</td>
<td>–</td>
</tr>
<tr>
<td>Global Education Fee</td>
<td>$3.50 (at 9+ credits)</td>
<td>–</td>
</tr>
<tr>
<td>Health Care Benefit Fee Δ</td>
<td>$67 (at 9+ credits)</td>
<td>–</td>
</tr>
<tr>
<td>Student Association Fee</td>
<td>$13 (maximum $117/term at 9+ credits)</td>
<td>$13 (maximum $117/term at 9+ credits)</td>
</tr>
<tr>
<td>U-Pass Fee Δ</td>
<td>$170</td>
<td>$170</td>
</tr>
</tbody>
</table>

Δ not applicable for off-campus programs
INFORMATION TECHNOLOGY FEE
This fee was established to fund technology projects that specifically result in providing new or improved technology services that benefit students.

MEDICAL CLINIC
These fees support Health Services for all students. If you are in need of medical support, please drop in or make an appointment MacEwan Health Service’s easily accessible medical clinic located on the City Centre Campus. For a list of services visit MacEwanHealth.ca.

REGISTRARIAL SERVICE FEE
This fee covers a variety of services offered by the Office of the University Registrar, including but not limited to: your Application to Graduate, Parchment Replacement, Confirmation Letters and cost of Undergraduate Transcripts.

SPORT AND WELLNESS FEE
MacEwan University supports the value of developing the whole person by providing students with opportunities to grow intellectually, socially, personally and physically. The Sport and Wellness fee provides students a membership to Sport and Wellness, funding for Recreation programming and Griffins Athletics.

STUDENTS’ ASSOCIATION OF MACEWAN UNIVERSITY (SAMU) CHARGED TERM FEES

STUDENTS’ ASSOCIATION FEE
The Students’ Association of MacEwan University (SAMU) is the student government body that represents and serves MacEwan University students. SAMU is a statutory corporation established under section 93 of the Post secondary Learning Act that operates offices on all MacEwan University campuses.

Purpose
The Students’ Association of MacEwan University exists to:
• act as the sole representative body for all MacEwan University students
• oversee all student-operated facilities on campus
• provide a wide variety of excellent student services
• enhance students’ overall university experience
• provide meaningful volunteer opportunities for students
• coordinate special events and activities

• provide leadership development designed to complement students’ academic pursuits
• act as the official medium of communication between the students and the university’s Board of Governors and Academic Governance Council
• develop and manage student clubs and organizations
• liaise between the students, the university, and various levels of government
• help interpret university policies with and for students
• promote the general welfare of students consistent with the purposes of the university
• administer student funds and affairs
• provide a social centre

The SAMU membership fee is $13 per credit to a maximum of nine credits during the Fall, Winter and Spring/Summer terms.

Any student enrolled in one to eight credits for either the Fall term, Winter term or Spring/Summer terms and paying partial membership fees may choose to pay the remainder of the SAMU membership fee. This additional payment will give the student full membership in SAMU and access to selected SAMU services.

GLOBAL EDUCATION FEE
This fee provides funds to overseas educational projects for underprivileged schools and students ($1); and sponsors refugee students’ attendance at MacEwan University ($2.50).

SUPPLEMENTAL HEALTH CARE AND DENTAL FEE
A mandatory Supplemental Health Care and Dental Care fee is charged to all full time, on-campus credit program students as part of the enrolment process. Student eligibility for health and dental plans is determined and assessed in the Fall term for coverage until December 31 and again in the Winter term for coverage until August 31. Any student with proof of alternate coverage for supplemental health care and/or dental care may opt out of these plans prior to the advertised deadline date by contacting the plan administrator. The health plan is above and beyond your provincial insurance plan, and the dental plan has a list of specified dentists. For more information about your eligibility, policy content, family add-on, opt out, and current network dental list visit SAMU.ca/Health-Dental
U-PASS FEE
The Universal Transit Pass (U-Pass) is a mandatory fee-based service that is charged to all students who are registered for 1 (one) credit or more in a single term. The U-Pass gives all MacEwan University students unlimited use of regular ETS, St. Albert and Strathcona bus and LRT service from September to August. At MacEwan University, SAMU administers the U-Pass and will attach a U-Pass sticker on the MacEwan University Student ID card from late August to early September for the Fall term, from December to early January for the Winter term and from the end of April to early May for the Spring/Summer term. For more information, visit SAMU.ca/UPass.

PAYING YOUR FEES
The university provides several payment methods for tuition and all other fees. For more information please visit: MacEwan.ca/MakeAPayment.

The most convenient method is online through myStudentSystem or through Internet or telephone banking. All major banks and credit unions offer Internet and telephone banking. To use these services to pay your tuition and related fees, note the following:

- Register with your bank to make online bill payments.
- Select MacEwan University as the payee. If MacEwan University is not listed as a payee, try searching for Grant MacEwan University or Grant MacEwan College.
- If that is not successful, contact your bank.
- The account number will be your seven-digit student ID number.
- For Internet or telephone banking, the payment will be considered received as of the transaction date; however, it might not show up in your balance in myStudentSystem for up to five business days, as it takes time for the payment to be processed.

SPONSORED STUDENTS
If your fees are being paid by a sponsor, you must obtain a letter from the sponsoring agency. A copy of this letter must be received in Financial Services prior to enrolment or it must be presented on enrolment day. Sponsorship approval may be emailed to AcctRec@macewan.ca or faxed to 780-497-5450. Refunds for sponsored students will be made directly to the sponsoring agency.

REFUNDS
(EXCERPT FROM POLICY E2112)
Refunds for tuition and fees will be actioned according to the guidelines as set out in Policy E2112 Refunds of Tuition and Student Fees.

Tuition and Special/Material Fees Refund
As a student, you are responsible to formally drop or withdraw from courses you no longer wish to attend according to deadline and other information published by the Office of the University Registrar.

The deadlines listed in the academic schedule for dropping and withdrawing from courses are strictly adhered to.

For course drops, the amount refunded is calculated according to the scheduled refund category. The effective drop date is the date reported by the Office of the University Registrar (not the date the student stops attending classes) or the date the transaction was recorded on the student information system via a web transaction.

Non-attendance, notifying your instructor that you have stopped attending classes, NSF cheques or stopping payment on a cheque do not constitute notice of a course drop or course/program withdrawal. You will be responsible for any outstanding tuition and student fees. Refer to policy E1055 Withdrawal from University Programs.

Refund Categories for Degree, Diploma and Certificate Programs in the Undergraduate Career

Refund Category U1: Regular session courses that follow the Academic Schedule:

U1 100% Refund: Students must officially drop the course on or prior to the add/drop deadline as indicated in the Academic Schedule. There is no refund after this date.

Refund Category U2: Variable session courses not in alignment with the Academic Schedule:

U2 100% Refund: Students must officially withdraw within 5 calendar days from the start of the course. There is no refund after this date.

Refund Category U3: Courses that require a non-refundable deposit (courses may include but are not limited to those with a travel abroad component):

U3 Refund: Prior to the published refund deadline date, students may receive a full refund less the non-refundable deposit. No refund is available after the published deadline date.

Miscellaneous Refund Policies

Refund Category M1: Other Fees and Sponsorships

M1 Refund A: If “other” items are provided or distributed prior to or on the first day of class, there will be no refund available once the course has started. A 100 per cent refund will be available prior to the course start date if items are returned in unused/new condition.

M1 Refund B: When courses are offered on behalf of or paid for by another learning institution or sponsoring agency, the refund category will be in accordance with the signed contract. Students must contact their program for further refund details.

Appeals
Decisions of the university with respect to refunds are not subject to appeal under policy E3103 (Student Appeals). However, the University Registrar (or designate) may review requests per regulation 4.8.

TAX RECEIPTS
T2202A tax receipts will be made available to students online via MyPortal.MacEwan.ca in February. Tax receipts will not be mailed and will only be accessible via the web.

G.S.T.
G.S.T. is applied to material fees. G.S.T. is not applied to tuition fees.
EDUCATIONAL FUNDING, SCHOLARSHIPS
AND AWARDS

GOVERNMENT STUDENT LOANS
Government student loan programs are available based on your province of residence and financial need.

For Alberta residents considered to be studying full-time, an online application is recommended as the processing time is much quicker – most students are approved in up to two weeks versus four to six weeks for a paper application (note that part-time students can only apply by submitting a paper application). Through one application, Student Aid Alberta will assess your eligibility for Alberta Student Loans, Canada Student Loans and, if you qualify, for grants.

While loans must be repaid, grants do not – as long as you remain a full-time student for your period of study. You can apply online for your funding via Student Aid Alberta (at www.studentaid.alberta.ca). Applications for funding are generally made available in June or July for studies commencing on or after August 1. We recommend applying early – at least eight weeks before your studies start. You do not have to be accepted to your program in order to apply for your loan funding; however, you do need to be registered full-time in your program to receive your money.

No interest accumulates on your loans as long as you are a full-time student, and you don’t have to start paying back your loans until six months after you stop being a full-time student. If at any time you can’t make your payments, student loan programs offer a Repayment Assistance Plan.

For more information about government student loans, visit www.studentaid.alberta.ca, www.canlearn.ca or MacEwan.ca/StudentLoans

STUDENT SCHOLARSHIPS, AWARDS AND BURSARIES
In recognition of your dedication and hard work, you may be eligible for many scholarships, awards and bursaries.

MacEwan University’s scholarships recognize academic excellence, while awards also recognize students’ involvement and service in the community. Many dedicated students who face financial challenges may benefit from MacEwan University’s bursaries, which are issued on the basis of financial need and good academic standing.

In the 2015/2016 academic year, the Student Awards Office managed the distribution of $7.4 million dollars, from internal and external sources, to more than 5,000 students. To see the scholarships, awards and bursaries offered to MacEwan University students visit MacEwan.ca/Scholarships. To apply online, go to MyPortal.MacEwan.ca and look under “Financial”.

OTHER FUNDING OPTIONS
Depending on your educational/career goal, financial need and/or personal situation, there may be other options to help you finance your education such as:

• Educational Savings Plans
• Advancing Futures Bursary
• Alberta Works (ESL, Preparation for University and College)
• Northern Alberta Developmental Council Bursary
• Financial/Banking Institution Student Line of Credit

For more information about your funding options, visit our Fees and Financial Information page at MacEwan.ca/FFI or contact an advisor in the Office of the University Registrar at 780-497-5000 or 1-888-497-4622 (toll-free) or info@macewan.ca
INTERNATIONAL STUDENTS

MacEwan University welcomes all international students to our world class institution. The university’s commitment to being a leader in international education is reflected in all areas of programs and services. Our strong international reputation for excellence is based on more than 45 years of providing quality education to thousands of students from around the world. Whether you want to improve your English skills, increase your high school scores, take missing prerequisite courses, or complete a degree, diploma or certificate program, MacEwan University will work with you to help you meet your academic goals. It is our privilege and pleasure to be your first choice in higher education.

IMMIGRATION, REFUGEES AND CITIZENSHIP CANADA RULES AND REGULATIONS

International students attending MacEwan University are responsible for familiarizing themselves with the Immigration, Refugees and Citizenship Canada rules and regulations regarding study permits, work permits and temporary resident visas. Under section 91 of the Immigration and Refugee Protection Act (IRPA), MacEwan University is unable to provide advice to international students relating to immigration applications; however, regular presentations are provided by accredited immigration professionals for informational purposes. International advisors are able to refer students to websites, accredited professionals and community agencies for assistance with these matters. The Office of the University Registrar issues letters and other documents required by international students for permit and visa renewals. If you are currently studying in Canada, you may contact the Immigration, Refugees and Citizenship Canada Call Centre at 1-888-242-2100 for assistance.

INTERNATIONAL STUDENT SERVICES

MacEwan International offers a range of services to help international students be successful in their studies. International advisors assist students with understanding their program of study and how to access additional academic, social, and career support services.

ADMISSION REQUIREMENTS TO DEGREE AND CAREER PROGRAMS

• Academic and program specific requirements for your program of choice.
• English language proficiency requirements (see MacEwan.ca/ELP).

ENGLISH LANGUAGE REQUIREMENTS

Refer to the English Language Proficiency (ELP) requirements in the Admissions and Transfer section of the Academic Calendar.

APPLICATION PROCESS

Submit an application through www.applyalberta.ca
After you have submitted your online application, scan copies of the following to rointernational@macewan.ca:
• All educational documents and certified word-for-word English translations for documents that are not in English
• English Language Proficiency (ELP) test results, such as IELTS or TOEFL
• A valid passport document
Remember to include your full name and Student ID or application confirmation number in the body of your email. Full details available at MacEwan.ca/International

International Tuition Costs

CREDIT COURSES

All international students who are enrolled in a MacEwan University program are assessed tuition fees on a per credit basis according to the published fee table. International students enrolled in Open Studies, degree, diploma or certificate programs will be assessed a minimum tuition fee equivalent to nine credits in the fall and winter terms. Refer to the International Tuition Fees table in the Fees section of the academic calendar. Estimated program costs for international students are also available from the university’s website at MacEwan.ca/FFI.

NON-CREDIT COURSES

Fees for international students enrolled in non-credit programs and courses within the School of Continuing Education vary. Refer to the website at Macewan.ca/SCE.

INTERNATIONAL TRANSFER CREDIT EVALUATION

Upon acceptance to a degree, diploma or certificate program at MacEwan University, students with post secondary/higher education completed outside of Canada can submit a Request for Transfer Credit.

For each course previously completed with similar content to a MacEwan University course, a Request for Transfer Credit form and detailed, descriptive course syllabus and outline must be submitted. The course syllabus and/or outline MUST be in English and the student is responsible for having the translations completed. At least 80 per cent of the content from the incoming course must be equivalent to the MacEwan University course to be considered for transfer credit.

Complete instructions and forms can be found at MacEwan.ca/Transfer, under the International tab.

CONTACT INFORMATION

Larisa Hayduk, International Advisor
Veronique Khamly, International Advisor, RISIA
Nataliya Oliferchuk, International Advisor
Erin Wight, Manager, International Student Services
T: 780-497-5397
E: international@macewan.ca

Executive Director
Kimberley Howard, BA(H), M.Ed., MBA
Access Program for International Students

ACADEMIC PATHWAYS (APP)
APP provides access to English as a Second Language (ESL) and University Preparation (academic upgrading). Additional information is available through the School of Continuing Education.

ADMISSION CRITERIA
To be evaluated through the Office of the University Registrar.
All students applying to Academic Pathways must present a minimum level of English Language Proficiency (ELP). The minimum ELP requirement to enter the lowest level of ESL classes offered is the Canadian Language Benchmark (CLB) 4 with no skill under 4, Academic IELTS 4.0, Academic TOEFL iBT 39, TOEIC 405, or CAEL 40.

PROGRAM OF STUDY
An advisor will develop an individualized study plan for each Academic Pathways student to help them complete their ELP and/or high school course requirements. All students are expected to consult regularly with an advisor to ensure they are undertaking the appropriate coursework and progressing in their studies. Students who have successfully completed the required courses may apply for admission to a university degree, diploma or certificate program; however, admission is not guaranteed.

CONTACT INFORMATION
School of Continuing Education
T: 780-497-4400
E: SCE@macewan.ca
MacEwan.ca/AcademicPathways
INSTITUTIONAL GRADUATION REGULATIONS

MacEwan University has institutional graduation regulations for all Ministry approved programs. Each student must fulfill all of the following regulations in order to be eligible to graduate with a MacEwan University credential. Details are available in the university’s Graduation Policy C2100 and other relevant policies as noted below.

Academic Residency – A student must complete at least 50 per cent of courses through MacEwan University. Challenge examinations, transfer credit and other special assessments (for example, prior learning and recognition) are not included in the 50 per cent. Approved exemptions are noted in the program section.

Attendance – A student must comply with any course or program attendance and punctuality requirements as noted in degree or program regulations, course outlines or program handbooks. In addition, sponsored students may have special attendance requirements.

Graduation Grade Point Average – A minimum Graduation Grade Point Average (GGPA) of 2.00 on the 4.00 scale is required. For Honours programs, a minimum Graduation Grade Point Average (GGPA) of 3.00 on the 4.00 scale is required.

Minimum Course Grade – The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study. Some programs may require the achievement of a specific grade in a course for graduation purposes. For specific course grade requirements, refer to your program of study.

Minimum Transfer Grade – A minimum course transfer grade of D is required except when a higher grade is specified as a program requirement for graduation – see “Minimum Course Grade” in the Program of Study (C2030 Inter-Institutional Transferability).

Non-duplicative Coursework – Each course completed for credit or for which transfer credit is granted may be used only once for credit towards fulfilling any program requirement.

Prerequisites/Co-requisites – Each student is responsible for fulfilling each course prerequisite(s) or co-requisite(s) as listed in the course description (E3101 Student Rights and Responsibilities).

Program Time Limit – The period of time permitted for completion of program requirements varies by credential type and starts from the first day of the term of acceptance for all credential types as follows (C2075 Program Time Limits):
1. Certificates – 4 years
2. Post-Diploma Certificates – 3 years
3. Post-Basic Certificates – 3 years
4. Diplomas – 7 years
5. Applied Degrees of two year duration – 6 years
6. Applied Degrees of four year duration – 10 years
7. Baccalaureate Degrees – 10 years

Approved exemptions are noted in the program section.

Repeating Credit Courses – A student in a credit course shall be allowed to repeat any course one additional time, regardless of whether the initial registration resulted in a failing or passing grade (C1035 Repeating Credit Courses). Course Withdrawals (W) and Audits (AU) do not count as course attempts.

Required English Course – A student in a Ministry approved program shall take an English course as specified in the Program of Study (C1030 Required English Course).

POLICIES

A comprehensive listing of all university policies may be found on the university’s website at MacEwan.ca/PolicyManual.

As a student, it is your responsibility to know and understand the university policies that apply to you. If you have questions about a policy, contact your program or the Office of the University Registrar.
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MACEWAN UNIVERSITY SERVICES FOR STUDENTS

ALUMNI AND DEVELOPMENT
MacEwan University Alumni are encouraged to stay connected with the university, and take advantage of the many benefits and services available to them both on and off campus. As valued members of the university community, alumni are eligible to receive exclusive offers, university updates, special event invitations, contest promotions, discounts and much more.

Upon graduating with a Ministry-approved credential, all students are recognized as alumni of MacEwan University. As such, student information, including personal information, will be shared with the Alumni and Development Office to allow for continued communication between the University and student after graduation. Graduating student information will be shared with the intention of communicating alumni benefits and services, university initiatives, fundraising solicitations and affinity program promotions. The alumni database is in the custody and control of MacEwan University. Individuals may contact the Alumni and Development Office at any time to update their information, request, limit or cease communications, or to add or remove any personal information from the database.

Visit MacEwan.ca/Alumni to learn more about alumni programming.

CHILD CARE CENTRE
MacEwan University's Early Learning at MacEwan (ELM) is a rich, inclusive environment for children aged 19 months through six years. Qualified early childhood educators work closely with families ensuring a warm, healthy, safe environment for play, care, learning and development. Knowledgeable educators engage children and their families in designing an integrated curriculum, focused on broad holistic goals for young children's learning. Responsive educators create daily experiences and routines that promote play, wellbeing, early literacies, and caring relationships. The indoor and outdoor environments are purposefully designed to stimulate exploration, curiosity, creativity and wonder. The centre provides educational research and teaching support to the MacEwan Early Learning and Child Care Program. MacEwan students are actively engaged with the children during each term.

The centre is open year-round with the exception of a closure from December 25 to January 1, and the last week of July, first week of August. For more information, visit MacEwan.ca/ELM. Note – Some families may qualify for Government of Alberta subsidies – more information is available at www.humanservices.alberta.ca/financial-support.html.

LIBRARY
Each campus has a library that offers a wide range of services, resources and staff to support students. Visit Library.MacEwan.ca for further information.

MacEwan Athletics
Show your MacEwan University spirit and cheer your Griffins on to victory! With a proud tradition of excellence in basketball, volleyball, soccer, hockey, cross-country running, curling, golf and track, the Maroon and White compete for league and national championships as a member of both Canada West (Canadian Interuniversity Sport) and the Alberta Colleges Athletic Conference (Canadian Collegiate Athletic Association). Visit MacEwan.ca/Griffins for news, ticket information and results.

MacEwan University Campus Services
Bookstore
The MacEwan Bookstore (aka mstore), will be one of the first places you’ll visit on campus. Our mstore carries everything you will need from textbooks to tech, all year round. Whether it’s books, art supplies, school supplies, clothing, computer accessories, or even giftware – we’ve got you covered. Helpful advice is always available here.

Can’t make it to mstore? Want to avoid long line-ups during back to school? Students can now get their personalized textbook lists and order all their books and supplies online at www.macewanbookstore.com. All they need is their student ID and books will be ready for pick-up before class or shipped to the mailing address of your choice. It’s that easy.

Transportation Services
Transportation Services is proud to offer MacEwan University students, staff and faculty competitive rates on all three of our campuses all year round. Responsible for Daily and Monthly Parking, ETS @ Work Passes, Car Share Program, Car Pool Program, Taxi Service, Shuttle Service, and Bicycles. Whether you’re living in residence, commuting to class or just attending an event - Transportation Services can help. For more information, please visit www.MacEwan.ca/Parking.

Food Services
Whether it’s preparing freshly made meals in house or supporting the local food movement, MacEwan University Food Services is an integral part of this university. Providing local, quality foods that are value specific to students, faculty and staff, Food Services is committed to serving more variety on campus. From gluten-free to vegan, homemade pizza to tasty tacos, we are elevating campus food at MacEwan University.

For more information about Food Services, please visit them at www.MacEwanEats.ca.

MacEwan Health Services
Located on the main floor of the Christenson Family Centre for Sport and Wellness (Building 8), MacEwan Health Services are available to students and staff. Services include physical exams, immunizations, allergy shots, birth control, pregnancy tests, PAP tests, exam deferral notes, health promotion, specialist referrals, and counselling referrals. Walk-in appointments are accommodated if an opening is available, but appointments are preferred. Visit MacEwanHealth.ca for more information.
MacEWAN INTERNATIONAL
MacEwan International focuses on campus internationalization and global engagement, international student recruitment, international student services, and education abroad and international partnerships. We provide leadership, support and services for students, faculty and staff who are involved in international activities. MacEwan International works with the larger MacEwan community to achieve the goals of becoming a university of global significance, relevance and value and to foster a culture of internationalization that creates global citizens. We are located at City Centre Campus.

MacEWAN RESIDENCE
About Us
Our vision is to be a diverse community and the preferred choice for engaged student living. Through an empowered community of respect and collaborative leadership, students will leave with an enriched university experience.

To bring that vision into reality, we provide a connected, academically focused, and safe environment for students and the community through respect, leadership, innovation, professionalism, and empathy.

More Than Just A Place To Live
Located on City Centre Campus, the MacEwan Residence is the University’s only residence building and gives almost 800 students safe, affordable housing and a unique living and learning environment. It’s more than just a place to live. It’s a place to meet other students and get involved in campus activities. It’s a place to learn and excel in a supportive environment. And a place to call home.

Safe. Central. Complete
The building is as central as you can get in Edmonton. It’s located right on City Centre Campus, close to classes and services like the Library and Christenson Family Centre for Sport and Wellness. And, it’s within walking distance to a variety of grocery stores, restaurants, shopping and entertainment - including Edmonton’s new arena, Rogers Place. It is also near a major hub for public transit, serving many sites across the city and other MacEwan University campuses.

Residence Life
The best thing about living in residence is the experience of living in a unique community with other students facing the same experiences and challenges you face every day. Residents often say they appreciate how easy it is to meet new people and to develop great friendships that last well beyond their experiences at MacEwan University.

The residence environment provides you the opportunity to become an active member of the university community and to develop a range of personal skills. Our Residence Life program includes everything from social events and fun activities like intramurals and movie nights, to personal growth workshops like study skills and financial planning workshops, to formal leadership opportunities on the Residence Life Staff Team.

Safety and Security
With 24-hour security, a multi-key access system and a team of live-in staff, MacEwan University's residence is built to give you the security you need. Information and Residence applications are available at MacEwan.ca/Residence

MacEWAN UNIVERSITY SPORT AND WELLNESS
MacEwan University’s top-notch sport and wellness facilities and programs offer an escape from the everyday work of being a student. Student membership includes access to the fitness area, pool, gymnasium, drop-in aerobic, spin and strength classes. Students also receive special rates on registered classes, personal training, and Recreation leagues, tournaments and events. Go to MacEwan.ca/SportandWellness for fitness and aquatic information or MacEwan.ca/Recreation for the latest on recreation events.

STUDENT AFFAIRS
Student Affairs is all about student development and especially strengthening students’ decision-making skills and resiliency. Career Development and Experiential Learning, Wellness and Psychological Services, Services to Students with Disabilities and all our other excellent services encourage students to explore who they are and define their future by taking every opportunity to fully experience university life and connect with likeminded seekers. Student Affairs believes students have the right and capacity to manage their lives, to influence, to apply knowledge so as to make positive differences at school, at work, in the community, at home, and as engaged global citizens. Student Affairs understands that each student builds his or her personal leadership expertise in different ways and times, but doing so enhances academic, personal and career opportunities and success while at university and beyond. For more information about how Student Affairs can inspire and work for you, see: MacEwan.ca/StudentAffairs

Kihew Watston, Indigenous Education Centre
As MacEwan University’s Indigenous Education Centre, we offer personal, academic, financial and cultural support. While many of our services are directed at Indigenous students, Kihew Watston’s doors are open to everyone in the MacEwan community.

Kihew Watston, which means "eagle’s nest" in the Cree is a home away from home for MacEwan University’s Indigenous students. Here you can gather, work and grow in a community that honours the distinctive knowledge of Indigenous peoples and supports you on your post-secondary journey. Located on the main floor of Building 7 (7-131) Kihew Watston is a friendly, welcoming place with quiet study space, student computers and kitchen facilities. Students are encouraged to spend time in the Centre to connect with one another, access resources and student supports.

Kihew Watston’s student advisors are available to answer your questions and help you meet the challenges of university life. We offer encouragement, provide cultural and academic support and direct you to useful resources that will help you along your educational path. Student advisors can talk to you about the admissions process, scheduling, enrolling in classes and managing your workload. We also answer questions about bursaries, scholarships and funding applications. Let us know about your academic concerns, too. We can help you with writing and study skills, accessing tutors and time management- or point you in the right direction to someone who can.

We support future students in achieving their education goals through academic advising on programs, funding options, bursaries and connections to community resources.
We are available to visit communities and high schools to share what MacEwan University and Kihew Watston has to offer through participation in career/resource fairs and school presentations.

Kihew Watston facilitates recognition and understanding of Indigenous knowledge, culture and history in the greater campus community. It advocates for increased supports for Indigenous initiatives across MacEwan’s campuses and more engaged relationships with Indigenous communities and organizations.

MacEwan.ca/KW

Wellness and Psychological Services
Our multidisciplinary team of counsellors (counsellors, psychologists and social workers) in Wellness and Psychological Services offer free, confidential support and assistance to any student currently enrolled in one or more credit courses. Students come to us with a wide range of personal, educational and career concerns that may be affecting their personal health and wellness. Those who are new to our service (and those who have not used these services within the past six months) initiate services through an Initial Consultation (IC), a private, confidential 25-30 minute conversation with a counsellor that focuses on the reasons for seeking help. This consultation enables us to determine if our services are a good match, provide immediate support, and discuss next steps such as follow-up appointments with a counsellor and/or a referral to other resources on campus or in the community. Members of our team are also available to serve as consultants and resources for faculty and staff, administrators, and parents for concerns related to student psychological health and well-being.

MacEwan.ca/Counselling

Services to Students with Disabilities
Register with SSD if you experience any barriers at the university that may be related to a short-term or long-term disability or medical condition. Our goal is to facilitate the full participation of students with disabilities by sharing information and resources, providing a broad range of services including access to technology, and recommending academic accommodations for students.

MacEwan.ca/SSD

Career Development and Experiential Learning
Whether you’re a first-year student with limited professional experience or a mature student looking to make an important career transition, we are here to help. We can help you with career decision making, identifying your strengths, preparing for interviews, looking for jobs and creating your professional profile on LinkedIn. Drop in to the Career Development and Experiential Learning Centre.

MacEwan.ca/CDEL

Student Conduct, Community Standards and Values
This new unit within Student Affairs approaches student conduct in relation to community standards and values. Its aim is to provide and facilitate opportunities for MacEwan students to explore engaged citizenship and ethical conduct, and the values and responsibilities that belong to these. The Office of Student Conduct, Community Standards and Values further approaches academic integrity education strategically and holistically, in its relation to ethical values, moral standards, and engaged citizenship. On the belief that ethics require patient reflection and practice, it aims to facilitate and promote an experiential learning approach to ethics.

Academic Integrity
MacEwan University is committed to fostering an environment of academic integrity through education about academic integrity and compliance with academic integrity regulations. You may have a question about how to avoid plagiarism when writing an academic paper. If you don’t indicate sources of information in your papers, you have plagiarized. Even though most plagiarism is unintentional, there can be serious consequences for plagiarizing in writing assignments. To ensure you comply with Policy C1000 on Academic Integrity, check with us if you have any questions.

MacEwan.ca/AcademicIntegrity

Writing Centre and Writing & Learning Services
Drop in and check out the Writing Centre; quiet and comfortable reading, collaboration and working spaces are available. Book an appointment with a consultant to learn about effective study and time management strategies, or bring in a draft of an essay to receive feedback on potential areas for improvement. You can also learn how to avoid plagiarism and how to use APA, MLA and Chicago documentation styles to cite information correctly.

MacEwan.ca/WLS

New Student Orientation
New Student Orientation is held each fall and winter, just before the start of classes. Attend orientation to get the information you need about services and resources at MacEwan and meet other students. A parent orientation is held each fall to share information and tips for parents to support their students.

MacEwan.ca/Orientation

First-Year Experience
In your first year of university you will be surrounded by new environments, new knowledge, new people and new perspectives. We have a lot of support and information to help you get through your first year successfully. Starting with New Student Orientation, First Year Experience gives you information you need on support and resources, extracurricular activities and ways to get involved to make the most of your university experience. Find out more at MacEwan.ca/Orientation or join the First Year Experience Facebook group.

MacEwan University Ambassadors
If you like to be involved, help in your community and develop your leadership skills, consider becoming a MacEwan Ambassador. The MacEwan Ambassador Program is a leadership program that gives you the opportunity to serve the MacEwan University and Edmonton community through volunteer service. This program promotes the profile of MacEwan University by displaying integrity, compassion, and a high standard of professional and personal excellence.

While promoting the image of MacEwan University to prospective or new students, their families and the community at large. This is a great opportunity to develop leadership skills that will serve MacEwan University students into the future.

MacEwan.ca/Ambassador
Golden Key International Honour Society
Golden Key exists to unlock the potential of our members. We offer a sense of fellowship within the Society’s three pillars – Academics, Leadership and Service – and are dedicated to achievement – personally, professionally and altruistically. Membership begins with recognition of academic excellence and can lead to a lifetime of learning and achievement.

The Golden Key chapter at Grant MacEwan University believes in excellence and strives to provide the best environment possible for guiding our members to achieve in academics, leadership and service. The 393rd Golden Key chapter worldwide and the 19th in Canada, Grant MacEwan was chartered November 16, 2010.

Members focus on community service, networking events, and reaching out to make connections with the local community and the entire university student body. We welcome prospective members who are in the top 15% of their class and interested in service and leadership development.

MacEwan.goldenkey.org

Work Integrated Learning
Work Integrated Learning (WIL) provides guidance on workplace integrated activities such as field placements, practica and preceptorships. Information available includes that related to worker compensation coverage available for students on placements within or outside of Alberta. For information about WIL services and Student WCB while on placements visit MacEwan.ca/CDEL.

Office of the Graduate Liaison
Explore study options after graduation. The Graduate School Liaison will help you find the best global options available for graduate school or professional studies and can provide advice and resources to help with your application. The Graduate School Fair held at MacEwan gives you an opportunity to meet representatives from national and international schools.

MacEwan.ca/GradSchoolLiaison

MacEwan Diversity Project
Whether you identify as lesbian, gay, bisexual, transgender, two-spirit, queer (LGBTITQ) or not, we can all be allies, support diversity, and continue to make MacEwan a welcoming place to work and learn. Access information and support through the MacEwan University Diversity Project.

MacEwan.ca/Diversity

Student of Concern
Student of Concern is a multidisciplinary, behavioural intervention team at MacEwan University coordinated by Student Affairs. It is made up of professionals from Student Affairs, Security, Wellness and Psychological Services, Office of the University Registrar and others as appropriate. The purpose of the team is to proactively identify, assess and offer appropriate support to students who may be at risk or pose a risk to others. The team’s work supports the university’s values of Students First, Quality Education and Personal Learning Experiences because they mitigate risks; help students make informed and positive decisions; accommodate ongoing or emerging student physical or mental needs; and offer routes to protection for students under threat of harm by others. Student of Concern wants students to be safe and healthy, stay on track to achieve their academic goals, and engage fully and positively in campus life. The team aims to work at the lowest possible level with respect and caring to protect privacy, minimize risk, and prevent further disruption of the university experience for the student of concern, peers, faculty, staff and other members of the community.

Contact Student of Concern if you have serious concerns about your own or another’s mental or physical safety and well-being. Often behaviours that trigger a referral are of a growing urgency or have recently escalated. Examples may include suicidal communication (writing, talk, social media); suicide attempts; talking about serious abuse/threats done/made or happening to them; cutting or other self-harm; not eating; uttering threats or planning to hurt others; saying goodbye to friends and family often including giving away items of value like keepsakes or mobile devices; hearing voices or loss of contact with reality; paranoia or thinking others are out to get them or are watching them; isolating behaviour (missing work placement commitments, classes or postings, club/recreational/social events); talking about worthlessness or profound fear of failure; or deepening depression.

To report call 780-497-5555; for information, visit MacEwan.ca/StudentAffairs

Sexual Violence
Learn more about how to be part of the positive movement at MacEwan University, where we are building a culture of consent. We are committed to ending sexual violence on campus and have established procedures to react to any incidents.

For more information, give support or get help, visit MacEwan.ca/SexualViolence

STUDENTS’ ASSOCIATION OF MacEwan UNIVERSITY (SAMU)
SAMU.ca
The Students’ Association of MacEwan University (SAMU) is a student-centered organization committed to serving the needs of the entire student body. SAMU strives to be a strong voice for students through our advocacy, both internally and externally, and through other supports such as the Health and Dental plan, U-Pass, Peer Support, Food Bank, Breakfast Club, and others.

Additionally, SAMU provides students the opportunity to form clubs, write for The Griff, our monthly student magazine, work part-time for SAMU, and hosts several exciting events on campus each year, including Fall Fest, Winter Fest, Stress Less, and Speaker Series.

SAMU is governed by an annually elected Students’ Council and Executive Committee. These bodies, voted in by students, are responsible for the vision, mission, and direction of SAMU, and are supported by a full-time and part-time staff. SAMU operates on student fees, and seeks alternative funding through business opportunities, advertising, and events.
FACULTIES OF THE UNIVERSITY

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ARTS AND SCIENCE

Arts and Science

Our faculty colleagues have been trained at universities in many countries across four continents, and they actively pursue a wide array of research programs. Some of our professors are recipients of major research awards from large national granting agencies, including the National Sciences and Engineering Council of Canada, the Social Sciences and Humanities Research Council of Canada, Arctic Net, International Development Research Center, the ICLR Quick Response Program, as well as more regional initiatives such as the i@home fund for science education. The research interests of our faculty members are diverse. These projects extend as far as studying paleoceanography in the Northwest Passage to the local issues of the economic impact of the Fort McMurray wildfire. Faculty members study issues large in scope such as developing tools to assess the risk of sexual violence, as well as issues small in scope such as seedling growth in urban areas. Some projects focus on long-ago world rulers in medieval history and others on the cutting edge of mathematical diffraction. Faculty members analyze the uniquely human aspects of civic engagement in the age of social media and the inanimate when scrutinizing the use of responsive polymers in biochemical sensors.

Dean
Craig Monk, D.Phil. (Oxford)

Associate Dean, Administration
Melike Schalomon, PhD (Alberta)

Associate Dean, Students
Robert Wiznura, PhD (British Columbia)

Programs
• Bachelor of Arts
• Bachelor of Science
• Bachelor of Science in Engineering Transfer
• General Studies

DEPARTMENT OF ANTHROPOLOGY, ECONOMICS AND POLITICAL SCIENCE

Chair
Shahidul Islam, PhD (Oregon State)
    Agricultural and Resource Economics

Anthropology
Anthropology is “the study of humans,” where students acknowledge the equal value of all humans and cultures. It is also the most comprehensive of the social sciences, providing anthropology majors with a well-rounded education. Anthropologists often borrow theories and methods from fields such as psychology, economics, and political science, as well as biology, ecology, and zoology. Students may find themselves specializing in one of the five fields of anthropology: social/cultural anthropology, archaeology, physical/biological anthropology, linguistic anthropology, or applied anthropology.

Faculty
Katie Biitner, PhD (Alberta)
    Anthropology
Franca Boag, PhD (Alberta)
    Anthropology
Hugh Mckenzie, PhD (Alberta)
    Anthropology
Paul Prince, PhD (McMaster)
    Anthropology
Sarah Shulist, PhD (Western Ontario)
    Anthropology
Katherine Sinclare, PhD (McGill)
    Anthropology
Treena Swanston, PhD (Saskatchewan)
    Anthropology
Lidio Valdez Cardenas, PhD (Calgary)
    Anthropology
Cynthia Zutter, PhD (Alberta)
    Anthropology

Economics
Economics seems to apply to every nook and cranny of human experience. It is an aspect of all conscious action. Whenever alternatives exist, life takes on an economic aspect. There is an economics of money and trade, of production and consumption, of distribution and development. There is also an economics of welfare, manners, language, industry, music, and art. There is an economics of war and an economics of power. There is even an economics of love.

Faculty
Rafat Alam, PhD (Ottawa)
    Economics
Junaid bin Jahangir, PhD (Alberta)
    Economics
Constantin Colonescu, PhD (Charles)
    Economics
Ergete Ferede, PhD (Alberta)
    Economics
Joseph Fong, PhD (Queen’s)
    Economics
Shahram Manouchehri, PhD (Alberta)
    Economics
Political Science
As Aristotle points out, the ‘science’ of politics is the master science on which all other aspects of civilization depend. Political scientists examine how humans organize their societies and make collective decisions. Students taking political science will be able to understand and evaluate complex political issues in the contemporary world, develop independent analytical ability, and learn the basic concepts for making intelligent political analysis.

Faculty
Jean-Christophe Boucher, PhD (Laval)  
Political Science
Sen Lin, PhD (Calgary)  
Political Science
Chaldeans Mensah, PhD (Alberta)  
Political Science
Christopher Gaelan Murphy, PhD (Georgetown)  
Political Science
John Soroski, PhD (British Columbia)  
Political Science
Andrea Wagner, PhD (Carleton)  
Political Science

DEPARTMENT OF BIOLOGICAL SCIENCES
Biological Sciences is the study of living organisms, environments and the various relationships therein. It examines the structure, function, growth and development, origin, evolution, distribution, and classification of all living things. Biological Sciences at MacEwan University encompasses biochemistry, botany, genetics, microbiology, and zoology, allowing students to study a diverse range of organisms all the way from their molecular level to the ecosystems that these organisms inhabit. Courses in the department support two streams of study: Molecular/Cellular Biology and Ecology/Environmental Biology. Students will also gain technical expertise, which can be supplemented with research-intensive individual study courses or with field-based courses.

Chair
Kevin Friesen, PhD (Alberta)  
Physiology and Cell Biology

Faculty
Agata Becalaska, PhD (Princeton)  
Molecular Biology
Nina Bernstein, PhD (Alberta)  
Biochemistry
Victoria Bowles, MSc (Alberta)  
Biological Sciences
Karen Christensen-Dalsgaard, PhD (Manchester)  
Plant Physiology
Mrinal Das, PhD (Alberta)  
Zoology
Monica Davis, PhD (Alberta)  
Molecular Biology and Genetics
Kathy Davies, BSc (Alberta)  
Biological Sciences
Mark Degner, MSc (Alberta)  
Zoology
Shannon Digweed, PhD (Lethbridge)  
Evolution and Behaviour
Christina Elliott, MSc (Alberta)  
Environmental Biology and Ecology
Leah Flaherty, PhD (New Brunswick)  
Forestry and Environmental Management
Erin Fleming, MSc (British Columbia Okanagan)  
Environmental Sciences
Kimberley Harcombe, PhD (Alberta)  
Microbiology and Biotechnology
Melissa Hills, PhD (Australian National)  
Biochemistry and Molecular Biology
Kevin Judge, PhD (Toronto)  
Zoology
David Locky, PhD (Alberta)  
Environmental Biology and Ecology
David McFadyen, PhD (Alberta)  
Molecular Biology and Genetics
Randi Mewhort, MSc (Alberta)  
Environmental Biology and Ecology
Lisa Prichard, PhD (Washington)  
Pharmacology
Ross Shaw, PhD (British Columbia)  
Zoology
Michael Stock, PhD (British Columbia)  
Zoology
Treena Swanston, PhD (Saskatchewan)  
Anthropology
Gord Youzwyshyn, MSc (Alberta)  
Zoology

DEPARTMENT OF COMPUTER SCIENCE
Computer Science students study the nature and techniques of problem solving through computation. Understanding computation requires a knowledge of hardware, software, mathematics and logic. Include the essentials such as psychology, philosophy, linguistics and management theories—computer science connects technology with people. Students can choose one of two streams of study in computer science. The general computer science major is flexible and allows students to create a focus that reflects your interests. The software professional concentration provides the best preparation for a career in software development.

Chair
Indratmo, PhD (Saskatchewan)  
Computer Science

Faculty
Calin Anton, PhD (Alberta)  
Computing Science
Nicholas Boers, PhD (Alberta)  
Computing Science
Sharon Bratt, PhD (Simon Fraser)  
Instructional Technology
Brian Brookwell, MSc (Calgary)  
Computing Science
Jon Coulson, M.Comp (New England, Australia)  
Computer Studies
Jeffrey Davis, PhD (ETH Zurich)  
Engineering
Mohamad El-Hajj, PhD (Alberta)  
Computing Science
Cameron Macdonell, PhD (Alberta)  
Computing Science
Nicole Malloy, MSc (Alberta)  
Computing Science
Ron Meleshko, PhD (Alberta)  
Computing Science
Ibrahim Sumrain, PhD (Oregon State)  
Instructional Technology
**DEPARTMENT OF ENGLISH**

The department of English offers a range of courses to all students, from first-year courses focusing on the basics of writing, composition, and literary study, to more specialized period and genre courses at the senior levels. In all of our courses, students will hone their writing and research skills and gain a body of knowledge that will help them succeed in both your studies and the workplace. Students will also apply critical reading and thinking skills, and add to their general education the opportunity to study many facets of language, aspects of popular culture, and thought-provoking works of literature.

Chair  
Jillian Skeffington, PhD (Arizona)  
*English*

Faculty  
David Atkinson, PhD (Calgary)  
*English*  
Jacqueline Baker, MA (Alberta)  
*English*  
David Buchanan, PhD (Alberta)  
*English*  
Sarah Copland, PhD (Toronto)  
*English*  
Robert Einarsson, PhD (Alberta)  
*English*  
Pamela Farvolden, PhD (Alberta)  
*English*  
David Grant, PhD (Toronto)  
*English*  
Sara Grewal, PhD (Michigan-Ann Arbor)  
*Comparative Literature*  
Valerie Henitiuk, PhD (Alberta)  
*Comparative Literature*  
Elizabeth Hollis-Berry, PhD (Alberta)  
*Comparative Literature*  
Rashmi Jyoti, PhD (Maharaja Sayajirao)  
*English*  
Svitlana Krys, PhD (Alberta)  
*Slavic Languages and Literatures*  
Romuald Lakowski, PhD (British Columbia)  
*English Literature*  
Paul Lumsden, PhD (Alberta)  
*English*  
Daniel Martin, PhD (Western Ontario)  
*English*  
Don McMann, PhD (Wales)  
*Creative Writing*  
Craig Monk, D.Phil. (Oxford)  
*English*  
Mike Perschon, PhD (Alberta)  
*Comparative Literature*  
Jack Robinson, PhD (Alberta)  
*English*  
Mark Smith, PhD (UC Irvine)  
*English Literature*  
William Thompson, PhD (Alberta)  
*English*  
Joshua Toth, PhD (Western Ontario)  
*English*  
Robert Wiznura, PhD (British Columbia)  
*English*

**DEPARTMENT OF HUMANITIES**

Chair  
Edvard Lorkovic, PhD (Alberta)  
*Philosophy*

Classics  
Classics is the study of ancient Greek and Latin art, culture, history, literature and religion and their effects on subsequent and contemporary civilizations. The study of Classics helps provide a solid background and better understanding of many of the disciplines in the Arts and Social Sciences. It is a particularly valuable component of a liberal education. Training in Classics helps students develop skills in oral and written expression; it gives students a greater understanding of western artistic, literary and philosophical traditions. Classics develops well-rounded students capable of critical thought, articulate argumentation and considered reasoning.

Faculty  
Colin Bailey, PhD (British Columbia)  
*Classics*  
Benjamin Garstad, PhD (St. Andrews)  
*Classics*  
Maria Kozakiewicz, PhD (Alberta)  
*Classics*  

History  
Historians craft history, make history, do history, and record history. It deals with anything and everything; from the daily life of a peasant to the history of ideas to diplomacy and conflict, from the ancient Aztecs to conflict in Afghanistan. History has few thematic borders and is eclectic in its choice of research methods. Specialized history courses cover such diverse topics as crime in early modern Europe, diplomacy and conflict in the modern world, policy related to Aboriginal people in Canada and many others.

Faculty  
Michael Carroll, PhD (Toronto)  
*History*  
Robert Falconer, PhD (Guelph)  
*History*  
Sean Hannan, PhD (Chicago)  
*Social Science*  
Robert Irwin, PhD (Alberta)  
*History*  
Carolee Pollock, PhD (Alberta)  
*History*  
Kelly Summers, PhD (Stanford)  
*History*
Languages
Studying languages at MacEwan University will enhance all aspects of a student’s educational experience. As our world continues to become culturally and economically more interconnected, being able to communicate in another world language is becoming increasingly necessary and important. Studying a language includes the study of a distinctive philosophical, literary, and artistic tradition. As students develop their language skills, they will foster improved critical thinking and problem solving skills and you will broaden your appreciation of the world and its people.

Faculty
Erin Cowling, PhD (John’s Hopkins)
Spanish
Suzanne Hayman, PhD (Dalhousie)
French
Kyeongmi Kim-Bernard, PhD (Paris-Sorbonne)
French
Renata Knos, MA (Alberta)
French
Maritza Mark, MA (Calgary)
Spanish
Cristina Ruiz Serrano, PhD (Alberta)
Spanish

Philosophy
Philosophy is one of the most abstract and yet practical and concrete disciplines of the Arts. It teaches analytical thinking, logical presentation, and competence with abstract concepts. More importantly, philosophy encourages students to consider more deeply and critically their own world-views and belief systems. It provides the opportunity to reflect, in a systematic and organized fashion, on basic issues that bear on our individual lives. The study of philosophy, especially ethics, can relate directly to business, medicine, public policy, education and law. Similarly, theoretical philosophy can complement and elaborate on concepts dealt with in psychology, sociology, religious studies and political science.

Faculty
Alain Beauclair, PhD (Oregon)
Philosophy
Susan Mills, PhD (Pennsylvania)
Philosophy
Cyrus Panjvani, PhD (St. Andrews)
Philosophy
Randy Wojtowicz, PhD (UC San Diego)
Philosophy

DEPARTMENT OF MATHEMATICS AND STATISTICS
Mathematics is the study of numbers, shapes and relationships through the use of deductive reasoning, and includes both the elegance of pure theory and the application of this theory to all human endeavours. Students cover topics from the fields of algebra, analysis, geometry and applied mathematics. Statistics is the science of collecting and analyzing data. Probability theory, the study of uncertainty, provides the foundation for all statistical models. Principles of probability theory and statistics are used to make decisions in the insurance industry, the financial world and in engineering.

Chair
Karen Buro, PhD (Aachen)
Mathematics/Statistics

Faculty
Cristina Anton, PhD (Alberta); PhD (Romanian Academy)
Applied Mathematics; Probability and Statistics
Sunil Barran, MSc (Alberta)
Mathematics
Elaine Beltaos, PhD (Alberta)
Mathematics
Ion Bica, PhD (Alberta)
Applied Mathematics
Brian Franczak, PhD (Guelph)
Statistics
Tiina Hohn, MSc (Jyvaskyla)
Mathematics
Rui Hu, PhD (Memorial)
Mathematics
Kathleen Lawry-Batty, PhD (Western Ontario)
Statistics
Shelley Lorimer, PhD (Alberta)
Engineering
David McLaughlin, PhD (Alberta)
Mathematics
John O’Connor, MSc (National University of Ireland); MSc (Alberta)
Mathematics; Statistics
Mark Solomonovich, PhD (Tomsk State)
Theoretical and Mathematical Physics
Nicolae Strungaru, PhD (Alberta)
Mathematics
Wanhua Su, PhD (Waterloo)
Statistics
Adi Tcaciuc, PhD (Alberta)
Mathematics
Nataliya Zadorozhna, PhD (Ukrainian National Academy of Sciences)
Mathematics
DEPARTMENT OF PHYSICAL SCIENCES

Chair
Orla Aaquist, PhD (Calgary)
Astrophysics

Chemistry
Chemistry encompasses the synthesis and study of molecules and materials, the exploration of their properties, and the development of ways to use them in our everyday lives. Advances in chemistry provide the understanding that underpins much of modern science; from the food we eat and the medicines we take, to the environment in which we live. Chemistry is an ideal subject for students interested in developing a cross-disciplinary knowledge base. Students gain an understanding of the essential principles of chemistry, and translate that knowledge in the laboratory. Students learn how chemistry is used in medicine, crime scene investigation, and environmental science.

Faculty
Laurie Amundson, MSc (Victoria)
Chemistry
Lioudmila Badalova, PhD (Moscow State)
Inorganic Chemistry
Tina Bott, PhD (Alberta)
Organic Chemistry
Lucio Gelmini, PhD (Windsor)
Chemistry
Rob Hilts, PhD (Victoria)
Cosmochemistry
Japhet Irangu, PhD (Alberta)
Inorganic Reaction Mechanisms
Roland Lee, PhD (Tasmania)
Process Chemistry
Jorge Llano, PhD (Uppsala)
Biophysical Chemistry
Samuel Mugo, PhD (Memorial)
Chemistry
Matthew Ross, PhD (Alberta)
Chemistry
Manzar Saberi, PhD (National University of Iran)
Organic Chemistry
Aaron Skelhorne, PhD (Alberta)
Analytical Chemistry
Nina Vo, MSc (Alberta)
Chemistry
Ross Witherell, PhD (Alberta)
Chemistry

Earth and Planetary Sciences
Earth and planetary sciences is a broad discipline that connects biology, chemistry, physics and mathematics to understand planetary processes and environments. It is essential for understanding the processes that shape planets (including the Earth), and is key to understanding and addressing many environmental phenomena and issues. The Earth and planetary sciences are an excellent choice for students looking for a way to study and integrate the basic sciences, beyond traditional disciplinary boundaries. Special emphasis is placed in laboratory skills and field training.

Faculty
Mark Furze, PhD (Wales)
Marine Geology
Fedora Gonzalez-Lucena, PhD (Ottawa)
Earth Sciences
Nancy McKeown, PhD (UC Santa Cruz)
Geological and Environmental Sciences
Anna Pienkowski, PhD (Alberta)
Earth and Atmospheric Sciences
Erin Walton, PhD (New Brunswick)
Geology

Physics
Physics is the most fundamental science, encompassing the study of the universe from the largest galaxies to the smallest subatomic particles. It challenges imaginations, and it leads to theories, discoveries and new technologies that impact our everyday lives; from healing joints and curing cancer, to developing sustainable energy solutions. Physics is an ideal choice for students who like solving challenging problems. Physics provides the tools needed to break down a problem into basic principles and applications that span a range of fields and industries. It is increasingly applied in biochemistry, biology, and medicine.

Faculty
Evan Hackett, PhD (Alberta)
Physics
Michelle Hanlon, MSc (Alberta)
Physics
Logan Sibley, PhD (Alberta)
Physics
Vahid Rezania, PhD (Institute for Advanced Studies in Basic Sciences)
Theoretical Physics
Patrick Sullivan, PhD (Alberta)
Physics
DEPARTMENT OF PSYCHOLOGY
Psychology is considered both an arts discipline (covering such topics as social psychology and personality) and a science discipline (covering such topics as visual perception and the neurological processes involved in memory formation). Regardless of a student’s focus, the fundamental question that the discipline of psychology attempts to answer is, “Why do people do what they do?” At a basic level, psychology students come to understand and appreciate the many factors that influence and motivate human behaviour. They develop a number of valuable skill-sets, including the ability to formulate evidence-based arguments, and critically evaluate research findings.

Chair
Lynne Honey, PhD (McMaster)

Psychology

Faculty
Nicole Anderson, PhD (McMaster)

Psychology
Craig Blatz, PhD (Waterloo)

Psychology
Kathleen Corrigal, PhD (McMaster)

Psychology
Nancy Digdon, PhD (Western Ontario)

Psychology
Shannon Digweed, PhD (Lethbridge)

Evolution and Behaviour
Jayne Gackenbach, PhD (Virginia Commonwealth)

Psychology
Trevor Hamilton, PhD (Alberta)

Neuroscience
Andrew Howell, PhD (Concordia University)

Psychology
Michelle Jarick, PhD (Waterloo)

Psychology
Sandy Jung, PhD (Victoria)

Psychology
Eric Legge, PhD (Alberta)

Psychology
Kristine Peace, PhD (Dalhousie)

Psychology
Alexander Penney, PhD (Lakehead)

Psychology
Russ Powell, PhD (Alberta)

Psychology
Sean Rogers, MA (Minnesota)

Psychology
Melike Schalomon, PhD (Alberta)

Neuroscience
Rodney Schmaltz, PhD (Alberta)

Psychology
Aimee Skye, PhD (McMaster)

Psychology
Christopher Striener, PhD (Waterloo)

Psychology
Tara Vongpaisal, PhD (Toronto)

Psychology
David Watson, PhD (Alberta)

Psychology

DEPARTMENT OF SOCIOLOGY
Sociologists shed light on a broad scope of social phenomena – such as family life, street and corporate crime, multiculturalism, and globalization - by investigating social inequality, patterns of behaviour, forces for social change and resistance, and how social systems work. As a liberal arts discipline, sociology provides students with an understanding of how people’s experiences vary by race, class, gender, age, and other ascribed statuses. Students also develop an understanding of the impact social institutions have on individuals, the ability to develop evidence-based arguments and write reports, the ability to use statistics software, and the ability to evaluate different research methods.

Chair
Jeffrey Stepnisky, PhD (Maryland)

Sociology

Faculty
Fiona Angus, PhD (British Columbia)

Sociology
Tami Bereska, PhD (Alberta)

Sociology
Shelley Boulianne, PhD (Wisconsin-Madison)

Sociology
Michael Gulayets, PhD (Alberta)

Sociology
Emily Milne, PhD (Waterloo)

Sociology
Joanne Minaker, PhD (Queen’s)

Sociology
Amanda Nelund, MA (Saint Mary’s)

Sociology
Alissa Overend, PhD (Alberta)

Sociology/Physical Education and Recreation
Korbla Peter Puplampu, PhD (Alberta)

Sociology
Susan Raine, PhD (Alberta)

Sociology
Sandra Rollings-Magnusson, PhD (Alberta)

Sociology
Michael Seredyecz, PhD (Nebraska)

Criminal Justice
Diane Symbaluk, PhD (Alberta)

Sociology
Kalyani Thurairajah, PhD (McGill)

Sociology

FACULTY OF ARTS AND SCIENCE PROGRAM SERVICES
Advisors
Janice de Graaf, BA (Alberta)
Josie O’Reilly, BSc (Alberta)
Karen Ravagnolo, MA (Alberta)
Todd Smereka, B.Comm (Alberta)

Instructional Assistants
Diane Brouwer, BA (Calgary), BEd (Alberta)
Michelle Pollard, BA (Alberta)
Business

The School of Business at MacEwan University is proud to offer an all-encompassing business education experience for its students with diverse faculty from across the globe. With 11 programs, including one baccalaureate degree with six majors (with cooperative education streams) and three honours designations, one applied bachelor degree, 10 career programs and four certificate programs, the comprehensive range of programming at the School of Business is your best option for starting your career in business.

Our faculty, with backgrounds and specialties covering all aspects of business, challenge students with relevant and in-depth business concepts, preparing them for a successful business career. Upon graduation, our students are work ready, in high demand and ready to make a difference.

The School of Business is comprised of four departments listed below including the department’s list of full time faculty members (as of Winter Term 2017). In addition to full-time faculty members, sessional instructors, mainly from industry, also teach in School of Business programs.

Dean
Elsie Elford, MBA (Alberta), LLB (Alberta)

Associate Dean, Students
Gordon Lucyk, MA (Pennsylvania), MBA (Pennsylvania), BCom (Alberta)

Associate Dean, Research and International
William Wei, PhD (Limerick), MBA (Berlin), MA (Brandenburg), BA (Hebei)

Programs
• Accounting and Strategic Measurement
• Asia Pacific Management
• Bachelor of Commerce
• Bachelor of Applied Business Administration - Accounting (suspended)
• Business Management
• Human Resources Management
• Library and Information Technology
• Office Assistant
• Paralegal Studies
• Public Relations
• Travel

DEPARTMENT OF ACCOUNTING AND FINANCE

Accounting is the language of business. Accountants provide businesses with the tools to make informed decisions with respect to optimizing resources. The Accounting and Finance Department at MacEwan University strives to offer the highest quality of education for students studying in Alberta. With faculty members from a wide range of backgrounds and experience in the industry, the department offers students the guidance and mentorship required to succeed in the fast-paced work environment and demanding professions in the fields of accountancy and finance.

Chair
Sherif Elbarrad, PhD (Ain-Shams)
CPA, CMA

Faculty
Khalaf Al-Jarrah, MA (UBFS)
CPA, CGA
Sundeep Bhangoo, MBA (Queens)
CPA, CMA
Sherif Elbarrad, PhD (Ain-Shams)
CPA, CMA
Stephanie Ibach, MBA (Alberta)
CPA, CMA
Joanne Loh, MBA (Leicester)
CPA, CGA
Darlene Lowe, MBA (Athabasca)
CPA, CMA
Michelle Malin, MPAcc (Saskatchewan)
CPA, CA
Eloisa Perez, PhD (UAB)
CPA, CMA
Odette Pinto, PhD (Alberta)
CPA, CGA
Dal Pirot, MPAcc (Saskatchewan)
CPA, CGA
Humayun Qadri, MBA (Indiana University of Pennsylvania)
CPA, CGA
Raina Rudko, MBA (Southern Queensland)
Frank Saccucci, MBA (Windsor)
Greg Springate, MBA (Simon Fraser)
CPA, CA
Shankar Subramani, MBA (Manchester), ACMA (UK)
CPA, CMA
Bill Venables, BSc (Alberta)
P.Eng.
DEPARTMENT OF DECISION SCIENCES
The Department of Decision Sciences is an interdisciplinary department in the School of Business. As a department, it brings together faculty from several fields in the social sciences with a common interest in the normative and positive study of judgment and decision making in the context of an organization, operation or at an individual level, thereby applying qualitative and quantitative approaches, experimental as well as market approaches. We have a particularly strong focus on Supply Chain Management, the coordination and integration of a value network to ensure a continual refinement of products and services with agility, adaptability, and alignment so that they satisfy demands in the global market.

Our faculty have backgrounds spanning from economics and statistics to insurance studies, management science, information systems management and marketing. Many of our faculty have international and industry experience, and the department maintains close links with industry and several designation-granting bodies.

Chair
Rickard Enstroem, PhD (Alberta)

Faculty
Mark Arnison, MBA (Alberta)
Victor Bilodeau, DBA (Southern Queensland)
Teresa Costouros, MBA (Heriot-Watt University)
    FCIP. CRM.
Rickard Enstroem, PhD (Alberta)
Subhadip Ghosh, PhD (Indian Statistical Institute)
Muhammad Hossain, PhD (North Texas)
Randy Jenne, Med (Alberta)
    CCNA, CCAI.
Rohit Jindal, PhD (Michigan State)
Mico Kurilic, M. Eng (Alberta)
Sylvia Leskiw, MSA (Central Michigan)
    FICB, CFP, CIM.
Ryan Orchard, M.A.Sc. (Waterloo)
Joong Son, PhD (Washington)
Sheila Steinhauser-Mozejko, MBA (Alberta)
Allan Wesley, MA (Alberta)

DEPARTMENT OF INTERNATIONAL BUSINESS, MARKETING, STRATEGY AND LAW
This department delivers courses which develop students’ critical and analytical business skills. Our courses focus on challenging students to develop a global mindset, navigating the legal environment of business, creating marketing strategy, conducting stakeholder analysis, and managing public relations. The department is also committed to delivering rich international educational experiences for students.

Faculty
Mike Annett, PhD (Alberta)
    CPHR
Lyle Benson, PhD (Alberta)
    CPHR
Evandro Bocatto, PhD (ESADE)
Dianna Dempsey, PhD (Alberta)
    CPHR
Chris Hancock, MBA (Southern Queensland)
Norene Erickson, MLIS (Alberta)
Charles Keim, PhD (British Columbia); PhD (Alberta)
Noufou Ouedraogo, PhD (Strasbourg)
Belinda Panganiban, BA (Alberta)
Alan Riley, BA (Lethbridge)
Tiffany Schroeder, PhD (Case Western)
Masoud Shadnam, PhD (Simon Fraser)
Lisa Shamchuk, MLIS (Alberta)
Bruce Thomson, PhD (Monash)
Bruno Vanasse, M.Ps. (Quebec)

Chair
Noufou Ouedraogo, PhD (Strasbourg)

DEPARTMENT OF ORGANIZATIONAL BEHAVIOUR, HUMAN RESOURCES AND MANAGEMENT
This department develops and instills students with the capabilities of a successful business manager. Understanding the elements of a business and how they work together as a cohesive unit is key for a manager to lead, develop and innovate a business successfully.

Faculty
Mike Annett, PhD (Alberta)
    CPHR
Lyle Benson, PhD (Alberta)
    CPHR
Evandro Bocatto, PhD (ESADE)
Dianna Dempsey, PhD (Alberta)
    CPHR
Chris Hancock, MBA (Southern Queensland)
Norene Erickson, MLIS (Alberta)
Charles Keim, PhD (British Columbia); PhD (Alberta)
Noufou Ouedraogo, PhD (Strasbourg)
Belinda Panganiban, BA (Alberta)
Alan Riley, BA (Lethbridge)
Tiffany Schroeder, PhD (Case Western)
Masoud Shadnam, PhD (Simon Fraser)
Lisa Shamchuk, MLIS (Alberta)
Bruce Thomson, PhD (Monash)
Bruno Vanasse, M.Ps. (Quebec)
CONTINUING EDUCATION

Continuing Education

The School of Continuing Education was established in 2014 at the Alberta College Campus as the home of innovative education experiences and credentials that complement and enhance MacEwan’s diploma and degree programming and pedagogy. The guiding principles of the School address academic excellence, innovation, partnerships and sustainability. The School has three units: Academic and Language Preparation, Professional and Continuing Studies and the Conservatory of Music. The types of programs and services offered include: English as a second language instruction; academic upgrading; certificate programs; general interest courses; professional development courses, workshops and seminars; customized training and partnerships with business, industry and community-based organizations; international study tours and programs and music lessons, workshops, concerts, festivals and events.

Dean
Heather McRae, EdD (SFU)

Programs
• English as a Second Language
• Preparation for University and College

ENGLISH AS AN ADDITIONAL LANGUAGE

Coordinator
Dorte Weber, MEd (Alberta)

Faculty
Anne Marie Brose, MA (McGill); MEd (Alberta)
English, TESL
Andrea Cheuk, BA (Alberta); Grad. Dip. (Alberta)
Spanish, TESL
Birgitta Fishwick, MA (Dalhousie); MEd (St. Mary’s)
French, TESL
Curt London, MA (Alberta); Grad. Dip. (Alberta)
English, TESL
Eaman Mah, MEd (Alberta)
TESL
Terry McLean, MEd (Alberta)
TESL
Peter Myhre, MEd (Alberta)
TESL
Suzanne Oswald, MEd (Alberta)
TESL
Don Strickland, BEd (Alberta); Grad. Dip. (Alberta)
General/ESL; TESL

UNIVERSITY PREPARATION

Coordinator
Simrit Parmar, MA (Alberta)
Communications and Technology

Faculty
Andrew Buhr, BSc (Hon.) (Alberta)
Mathematics
Michael Buhr, MSc (Alberta)
Engineering
Malcolm Connell, MEd (McGill)
Educational Administration
Son Doan, BSc; BEd/AD (Alberta)
Chemistry; Secondary Education
Debra Lenton; BA; BEd (Alberta)
English; Secondary Education
Donna McKenzie, BE (Saskatchewan); BEd/AD (Alberta)
Engineering; Secondary Education
Richard Pereschitz, MSc (Calgary)
Zoology
Rod Rash, BEd (Calgary)
Mathematics; Secondary Education
Martin Tucker, BSc; BEd/AD (Alberta)
Biology; Secondary Education
Fine Arts and Communications

The Faculty of Fine Arts and Communications (FFAC) has recently been on a trajectory of dynamic growth and transformation. With the impending move to the new building downtown known as the Centre for the Arts and Culture (CFAC), our faculty and students alike can soon expect a far greater opportunity for creative collaborations and a deeper engagement with other members of MacEwan University including the wider Edmonton arts community. Designed by a world-renowned architect, the building showcases modern classrooms, state-of-the art studios and performance spaces, thereby making it a premier hub of knowledge and creativity as well as a major venue for showcasing local, national and international talents.

Meanwhile, FFAC faculty and staff are proposing new degree options including two baccalaureates which are in the early stages of development: the Bachelor of Design (B.Des) and the Bachelor of Fine Arts (BFA) with majors in Arts Management, Theatre Arts, Theatre Production, Fine Art plus an Interdisciplinary major. These are valuable additions to the already well-known and established degree programs in music and communication respectively known as the Bachelor of Music in Jazz and Contemporary Popular Music (B.Mus) and the Bachelor of Communication Studies (BCS). New majors and minors are currently in the works and this includes a BMus major in recording and production among a few others.

FFAC has launched a number of recruitment initiatives and has recently hired or is soon to hire new full-time faculty members who will help deliver the new credentials and propel its programs to new levels of excellence in teaching, research and creative activity.

The number of creative and scholarly activities continues to grow with current faculty doing tours, recordings, and exhibitions and original works, some of which are being showcased at international venues. Faculty are also engaged in peer-reviewed publications and conference presentations along with mentoring students in their research and creative work.

Dean
Allan Gilliland, PhD (Edinburgh)
Composition

Associate Dean
Rey Rosales, PhD (Southern Illinois)
Journalism

Programs
• Arts and Cultural Management
• Communication
• Design Studies
• Fine Art
• Music
• Theatre Arts
• Theatre Production

DEPARTMENT OF ART AND DESIGN

Chair
Leslie Sharpe, MFA (UC San Diego)
Visual Art – Computing for the Arts

Design Studies

Program Coordinator
Robert Andrucho, M.Des. (Alberta)
Visual Communication Design

Faculty
Carole Charette, PhD (Concordia)
Art and Design Education
Darren DeVries, Dip. (Medicine Hat College)
Visual Communications
Terry Elkins, Dip. (MacEwan)
Graphic Design and Illustration
Carlos Fiorentino, M.Des. (Alberta)
Visual Communication Design

Adam Goudreau, Dip. (MacEwan)
Design and Photography
Valéry Goulet, MA (Laval)
Multimedia and Graphic Design
Joel Higham, MA (Griffith University)
Media Production
Sarah Jackson, Dip. (MacEwan)
Design and Illustration
Eleanor Lazare, Dip. ( Ryerson)
Photographic Arts
Michael Lewcio, MA (Alberta)
Humanities Computing
Clayton Lowe, Dip. (MacEwan)
Design and Illustration
Nichole Magneson, Dip. (MacEwan)
Visual Communication (Display)
John Montague, MA (Alberta)
Humanities Computing
Kathy Neiman, BFA (Alberta)
Art and Design
Dianne Nicholls, Dip. (MacEwan); Dip. (MacEwan)
Computer Graphic Design; Graphic Design and Illustration
Faye Ostergard, MFA (Vermont College of Fine Arts)
Graphic Design
Constanza Pacher, M.Des. (Alberta)
Visual Communication Design
Joe Raffa, Dip. (MacEwan)
Environmental Graphic Design
Robert Robertson, MA (Alberta)
Communications and Technology
Amanda Schutz, Dip. (MacEwan)
Design and Illustration
Curtis Trent, Dip. (NAIT)
Photographic Technology
Tammy Valgardson, Dip. (NAIT)
Computer Systems Technology
Colin Waugh
Vikki Weircinski
Wayne Williams, MA (Alberta); B.Des. (Alberta)
Communications and Technology; Visual Communication Design
Igor Woroniuk, BFA (Manitoba); Dip. (MacEwan)
Painting; Graphic Design and Illustration
DEPARTMENT OF COMMUNICATION

Chair
Lucille Mazo, MEd (Athabasca)
Education

Faculty
Timothy Anderson, MFA (British Columbia)
Creative Writing
Jason Bodnar, LLB (British Columbia)
Wayne DeFehr, PhD (Alberta)
English
Neill Fitzpatrick, MA (Royal Roads)
Professional Communication
David Garfinkle, PhD (Washington)
Brian Gorman, PhD (Carleton)
Journalism
Jessica Kluthe, MFA (Victoria)
Creative Writing
Roberta Laurie, MA, (Royal Roads)
Environmental Education and Communication
Sophie Lees, MFA (British Columbia)
Creative Writing
Iain Macpherson, PhD (Calgary)
Communication Studies
Goldwin McEwen, MACT (Alberta)
Communication Studies
Patricia Porter, MBA (Alberta), MA (Alberta)
Marketing; English
Sony Jalarajan Raj, PhD (Mahatma Gandhi)
Communication and Journalism
Peter Roccia, PhD (Alberta)
English
Rey Rosales, PhD (Southern Illinois)
Journalism
Trisha Sarker, MA (Royal Roads)
Professional Communication
Jason Symington, MFA (Saskatchewan)
Photography
Karen Unland, MJ (Carleton)
Journalism
Leslie Vermeer, PhD (Alberta)
Educational Policy Studies
Sean Ward, LLB (Alberta)
Annette Wierstra, MA (Royal Roads)
Intercultural and Int’l Communication
Matthew Woodley, LLM (New South Wales)
Intercultural and Int’l Communication
Marlene Wurfel, MA (Alberta)
English and Film Studies

DEPARTMENT OF MUSIC

Interim Chair
William Richards, PhD (Western)
Theory

Faculty
Chris Andrew, Dip. Music (MacEwan)
Performance
Nicolás Arnáez, M.Mus. (Alberta)
Composition
Raymond Baril, M.Mus. (Northwestern)
Conducting
Craig Brenan, EdD (Alberta)
Music Education
FINE ARTS AND COMMUNICATIONS

Ralf Buschmeyer, B.Mus. (Ambrose)
Professional Music

Graham Caddel
Performance

Roxanne Classen, M.Mus. (McGill)
Performance

Ryan Davidson, M.Mus. (North Texas)
Jazz Studies

Daniel Davis, M.Mus. (South Florida)
Performance

Rubim de Toledo, B. Professional Arts (Athabasca)
Communication Studies

Sandro Dominelli, B.Mus.Ed. (Concordia)
Music

Jerrold Dubyk, M.Mus. (Rutgers)
Performance

Allan Gilliland, PhD (Edinburgh)
Composition

Andrew Glover

Julie Golosky, M.Mus. (Alberta)
Performance

Joel Gray, Dip. Music (MacEwan)
Performance

Marcel Hamel, B.Mus. (Berklee)
Music Technology

Devin Hart, Dip. Music (MacEwan)
Performance

Jim Head, M.Mus. (McGill)
Performance

Paul Johnston, M.Mus. (McGill)
Sound Recording

Mo Lefever, Dip. Music (MacEwan)
Performance

John Mahon, MBA (Alberta)
Michael MacDonald, PhD (Alberta)
Music

John McMillan, Cert. (UCLA); B.Mus. (Toronto)
Film Scoring; Performance

Matthew Parsons, Dip. (MacEwan); B.Eng. (Canterbury)
Recording Arts

Jamie Philp, Dip. Music (MacEwan)
Performance

Chandelle Rimmer, M.Mus. (Boston)
Performance; Music Education

Kent Sangster, M.Mus. (Miami)
Composition

Dan Skakun, MA (CUNY)
Performance

Rob Thompson, Dip. Music (MacEwan); BA (Alberta)
Performance

Brian Thurgood, MEd (Victoria)
Education

Tom Van Seters, DMA (Toronto)
Performance

Robert Walsh, B.Mus. (McGill)
Performance

Cameron Watson, M.Mus. (Western)
Performance; Composition

Rhonda Withnell, Dip. Music (MacEwan)
Performance

DEPARTMENT OF THEATRE

Interim Chair

Rose Ginther, MA (Athabasca)
Arts - Integrated Studies

Theatre Arts

Program Coordinator

Jim Guedo, BA (Saskatchewan)
Drama

Faculty

Renée Brad, B.Mus. (Saskatchewan)
Voice Performance

Marianne Copithorne, MFA (Alberta)
Directing

Janice Flower, Dip. (MacEwan)
Music Performance

Jan Henderson, BA (Dalhousie)
Theatre

Dave Horak, MFA (Alberta)
Directing

Jason Hardwick, Dip. (MacEwan)
Dance

Doreen Piehl, MA (Alberta)
Drama

Jacqueline Pooke, Licentiate Member and Examiner (Imperial Society of Teachers of Dance); Licentiate (Merseyside Dance and Drama Centre)
Dance

Kate Ryan, BFA (Alberta)
Acting

Dawn Sadoway, MFA (Alberta)
Theatre Voice Pedagogy

Jennifer Spencer, Dip. (MacEwan); Dip. (National Theatre School)
Theatre Arts; Acting

Vern Thiessen, MFA (Alberta)
Playwriting

David Wilson, M.Mus. (Alberta)
Choral Conducting

Theatre Production

Program Coordinator

Melissa Cuerrier, MA (Alberta)
Drama

Faculty

Geoff Bacchus, Dip. (MacEwan)
Theatre Production

John Battye, MA (Alberta)
Drama

Geoffrey George, BA (Brock); Dip EET & IET (NAIT); CET

Electrical Engineering

Clayton Rodney, Dip. (MacEwan)
Theatre Production

Scott Spidell, MFA (York)
Theatre Production and Sustainable Design

Wade Staples, Dip. (MacEwan); Dip. (MacEwan)
Music Performance; Theatre Production

Darcy Turlock, Dip. (MacEwan)
Theatre Production

Cindi Zuby, MFA (Nebraska-Lincoln)
Scenography
HEALTH AND COMMUNITY STUDIES

Health and Community Studies

The Faculty of Health and Community Studies offers a diverse range of programs designed to prepare students for careers that will change lives and impact society. Student learning is facilitated through innovation and excellence in teaching, curricula, and technology integration. Our labs, clinics, and other unique learning spaces are designed to maximize practical learning through the guidance and support of faculty. We are committed to preparing graduates with the knowledge, skills, and attributes for successful careers and lifelong learning.

The Faculty of Health and Community Studies has an established history of working collaboratively with communities – locally, provincially, nationally, and internationally. Our programs are engaged in a broad range of community activities that include research, field placement, volunteer initiatives, guest speakers, and information sharing. Our faculty engage in scholarly activity to inform and enrich their teaching, professional practice, and knowledge within their disciplines. We foster integrity, responsibility, and ethical practice and strive to demonstrate an appreciation for diversity to enrich our work with students, colleagues, and communities.

Our vision is to enhance the health, safety, and well-being of our communities. Our programs in public safety, human services, and allied health provide you with an education to empower you to effectively support the people and communities around you.

Dean
Fred McGinn, PhD (Southern Illinois University at Carbondale)
Vocational Rehabilitation

Associate Dean
Sharon Hobden, MEd (Alberta)

Department of Allied Health and Human Performance

The Department of Allied Health and Human Performance is focused on the health and well-being of individuals and their communities. Faculty members with strong connections to professional practice prepare students for professions that enhance the quality of life of individuals, families and communities. Students develop the skills, theoretical knowledge, and practical skills needed to be successful in their chosen field.

Department Chair
Cassie Prochnau, M.Sc.OT (Alberta)

Programs
- Acupuncture
- Bachelor of Physical Education Transfer
- Hearing Aid Practitioner
- Massage Therapy
- Therapist Assistant

Acupuncture

Faculty
Nadine Crocker, MSc (Alberta)
Physical Therapy
Lynne Gagne-Webb, CPB (NAIT)
Gordon Grant, PhD (Alberta)
Food Science and Technology, R.Ac.
Michael McFarlane, BSc (Alberta)
Zoology/Biological Sciences. R.Ac.
Amanda Roth, Dip. (MacEwan)
Acupuncture. R.Ac. RMT.
Debi Sawchuk, Dip. (MacEwan)
Acupuncture. R.Ac.
Monique Sweetapple, Dip. (MacEwan)
Acupuncture. R.Ac.
Darren Tellier, BA (Alberta)
Psychology. TCMD. R.Ac.
Barkley Tan, MSc (Nanjing)
Acupuncture. R.Ac.
Blanca Vanier, Dip. (Academy of Chinese Medicine)
Acupuncture. R.Ac.
Fu-Lin Wang, MD (China), PhD (Calgary)
Epidemiology (Community Medicine). R.Ac. RMT.
Jiulin Wang, MD (China), MSc (Nanjing University of TCM)
Traditional Chinese Medicine. TCMD. R.Ac

Bachelor of Physical Education Transfer

Faculty
Ken Briggs, BPE (Alberta)
Barry Butt, BPE (Alberta)
Paul Chahal, PhD (Alberta)
Exercise Physiology
John Corlett, PhD (Simon Fraser)
Kinesiology
Tim Enger, BPE (Alberta)
Dave Kato, MA (Indiana State)
Sports Medicine/Exercise Physiology
Katie Mahon, BA (Alberta)
Recreation, Sport and Training
Aletheia Mendes, MA (Alberta)
Physical Education
Adrian Popescu, PhD (Alberta)
Physical Education
Cynthia Puddu, MSc (Alberta)
Physical Education
John Valentine, MA (Carleton); MA (Alberta)
Physical Education; Canadian Studies
Caitlin Wheeler, MSc (New Brunswick)
Exercise and Sport Science
Hearing Aid Practitioner

Faculty

Ken Balcom, MBA (Alberta)  
Business Administration  

Cheryl Blair, AuD (Dalhousie)  

Arlene Carson, PhD (British Columbia)  
Audiology, R.Aud. (courtesy)  

Jean Duncan, MSc (British Columbia)  
Audiology, R.Aud.  

Jodi Haberstock, AuD (A.T. Still)  
Audiology, R.Aud. (courtesy)  

Lisa Lopez, AuD (Central Michigan)  
Audiology, R.Aud.  

Raeanne Rowswell, PhD (A.T. Still)  
Audiology, R.Aud. 

Carol Stevenson, MSHA (Central Michigan)  
Health Administration  

Patti-Jo Sullivan, AuD (A.T. Still)  
Audiology, R.Aud. 

Neil Walton, MSc (British Columbia)  
Audiology, R.Aud. (courtesy)  

Tara Winsor, AuD (Florida)  
Audiology, R.Aud. 

Massage Therapy

Faculty

Gail Amort-Larson, MSc (Alberta)  
Physical Education  

Jacqueline Chalifoux, BSc (Alberta)  
Psychology, RMT.  

Pam Cushing, BA (Alberta)  
Gerontology, RMT.  

Dawna-Lynne Duffy, Dip. (CCMH)  
Massage Therapy, RMT.  

Lynn Gagne-Webb, CPB (NAIT)  
Aurel Hamran, Dip. (MacEwan)  
Massage Therapy, RMT.  

Heidi Hanninen, Dip. (MacEwan)  
Massage Therapy, RMT.  

Sandra Macdonald, BA (Alberta)  
Religious Studies; Sociology; Psychology, RMT.  

Michael McFarlane, BSc (Alberta)  
Zoology/Biological Sciences, R.Ac.  

Valla McLean, MAS, MLIS (British Columbia)  
Dana Miller, Dip. (MacEwan)  
Massage Therapy, RMT.  

Jeff Moggach, MA (Royal Roads)  
Learning and Technology, RMT.  

Rowe Anne Rivet, BA (Alberta)  
Education, RMT.  

Matthew Rolheiser, BSc; BEd (Alberta)  
Biology; Education  

Lois Wihlidal, MSc (Alberta)  
Physical Therapy  

Cindy Wyrozub, Dip. (MacEwan)  
Massage Therapy, RMT.  

Therapist Assistant

Faculty

Gail Amort Larson, MSc (Alberta)  
Physical Education  

Cindy Bonin, B.Sc.PT (Alberta)  
Physical Therapy  

Sharon Chatenay, M.Sc.OT (Alberta)  
Occupational Therapy  

Erin Duebel, M.Sc.OT (Alberta)  
Occupational Therapy  

C. Jonah Eleweke, PhD (Alberta and Manchester)  
Special Education, Audiology  

Maureen Gates, MEd (Alberta)  
Speech Language Pathology  

Connie Gongos, Dip. (MacEwan)  
Early Childhood Development  

Brenda Heffernan, MHS (Athabasca)  
Physical Therapy  

Jacquie Hunt, Dip. (Bristol)  
Physical Therapy  

Cara Landreth, MSc SLP (Alberta)  
Speech Language Pathology, R.SLP.  

Jody Marshall, MEd (Alberta)  
Speech Language Pathology  

Robin Mazumder, M.Sc.OT (Alberta)  
Occupational Therapy  

Shauna Pilipchuk, BCR (Calgary)  

Theresa Pond, MEd (Seattle-Pacific)  
Curriculum & Instruction  

Vicki Ternes, BEd (Saskatchewan)  
Education  

Shannon Williams, MEd (Minot State)  
Speech Language Pathology  

Shawna Woolley, MSLP (Alberta)  
Speech Language Pathology
DEPARTMENT OF CHILD AND YOUTH CARE
The Department of Child and Youth Care provides an undergraduate degree (with a diploma exit) focused on providing the knowledge and practical skills required to work in a professional environment with high-risk youth and families. Students have the opportunity to learn from highly qualified faculty involved in practice and research with children, youth, families and communities.

Department Chair
Donna Jamieson, MEd (Alberta)
Counselling. CCYC.

Programs
• Bachelor of Child and Youth Care (with diploma exit)

Faculty
Donna Barker, MSc (Nova Southeastern)  
Child and Youth Care. CCYC.
Gerard Bellefeuille, PhD (Victoria)  
Child and Youth Care
Ahna Berikoff, PhD (Victoria)  
Child and Youth Care
Angila Chase, MA (Seattle)  
Counselling. CCYC.
Linda Dionne-MacIsaac, BSc (Alberta)  
Psychology. CCYC.
Kerry Heaney-Dalton, BA (Victoria)  
Child and Youth Care. CCYC.
Catherine Hedlin, MPM (Alberta)  
Public Management. CCYC.
Jenny McGrath, MSc (Nova Southeastern)  
Family Support Studies. CCYC.
Jack Phelan, MS (Long Island University)  
Counselling. CCYC.
Christine Pope, MHS (Nova Southeastern)  
Child Protection. CCYC.
Mary Sorobey, MA (Seattle)  
Counselling
Brenda Thompson, MC (Seattle)  
Counseling Psychology

DEPARTMENT OF HUMAN SERVICES AND EARLY LEARNING
The Department of Human Services and Early Learning prepares students to become educators of children and youth in a variety of early learning and educational settings. The department also provides students the opportunity to become effective human service managers and leaders. Faculty with strong connections to the field ensure students acquire the necessary professional practice skills and knowledge to excel in their chosen career.

Department Chair
Tricia Lirette, PhD (Alberta)

Programs
• Bachelor of Applied Human Service Administration
• Early Learning and Child Care
• Special Needs Educational Assistant

Bachelor of Applied Human Service Administration

Faculty
Cheryl Crocker, PhD (Victoria)  
Interdisciplinary
Christopher Hay, MA (Carleton)  
Sociology. Criminology
Karen Heslop, MEd (Calgary); MA (Seattle)  
Community Rehabilitation and Disability Studies.  
Counselling Psychology
Carole Massing, PhD (Alberta)  
Elementary Education
Duane Massing, PhD (Alberta)  
Secondary Education
Chantal Normand, MEd (Toronto)  
Organizational Development
Ryan Popplestone, MBA (Royal Roads)  
Special Education
Nora Shea, MA (Central Michigan)  
Program Development and Administration
Leo Wong, PhD (Alberta)  
Marketing
DEPARTMENT OF PUBLIC SAFETY AND JUSTICE STUDIES

The Department of Public Safety and Justice Studies programs are focused on equipping students with the knowledge and skills required to build safe, secure and just communities. Faculty members with strong connections to professional practice prepare students to protect and serve our communities. With programs in policing, investigations, correctional services, and emergency communication and response, the department offers a variety of pathways towards a career in justice or public safety.

Department Chair
Kevin Hood, MEd (Alberta)

Programs
- Correctional Services
- Emergency Communications and Response
- Police and Investigations

Correctional Services

Faculty
Michelle Andrews, MCA (Ottawa)  
Criminology
A. Scott Aylwin, PhD (Alberta)  
Psychiatry
Tracey Cyca, MCA (Ottawa)  
Criminology
Fiona Gironella, MA (Alberta)  
Criminal Justice Administration
Caroline Madill, MA (Alberta)  
Correctional Administration
Kelly Micetich, MA (Royal Roads)  
Intercultural and International Communication
Brenda Thompson, MC (Seattle)  
Counseling Psychology
Tim Williams, MA (Alberta)  
Sociology

Emergency Communications and Response

Faculty
Sherry Ayriss
Lisa Buys, PhD (Illinois)  
Clinical Psychology, C.Psych
Chelsea Davis, Cert.
Connie Hilton
Doug Johnson, EMT-P (NAIT); MA (Royal Roads)  
Paramedic. Leadership
Police and Investigations

Faculty

Tanya Anderson, MEd (Calgary)
Psychology

Stewart Callioux, BPA (Athabasca)
Criminal Justice

Danielle Campbell, BPE (Alberta)
Physical Education

Fons Chafe, MEd(Memorial)
Education

Randy Chaulk, BA (Saskatchewan); BEd (Alberta)
Education

Ted Chomchuk, BA (Alberta)
Criminology

Sharon Hobden, MEd (Alberta)
Adult Education

Devin LaForce, MSFS (Oklahoma)
Della Lewis, BA (Alberta)
Gene Maeda
Fred Rayner, BA (Alberta)
Political Science; Economics

Heather Smith, BA (Iowa)
Recreation, Health and Physical Education

Uzma Williams, PhD(c) (McMaster)
Rehabilitation Sciences

SCHOOL OF SOCIAL WORK

Transformative, collaborative and supportive education: it’s at the heart of what we do. The same qualities are at the heart of what social workers do when they work with families, provide support and transform lives in the communities where they live and work. Students are prepared with the competencies and professional skills to assess and practice in a professional social work setting. Faculty members have a wide range of expertise in social work education, strong connections with the community, and active engagement in research and scholarly activities to advance social work knowledge and education.

Director

Kathaleen Quinn, MSW (Wilfrid Laurier)
Clinical Social Work. RSW.

Programs

- Bachelor of Social Work
- Social Work diploma

Faculty

Sandra Alton, MSW (Toronto)
Social Work. RSW.

Ines Cesar, MSW (Calgary)
Social Work. RSW.

Joelle Badman, MSW (Calgary)
Social Work. RSW.

Derek Chewka, MSW (Calgary)
Social Work. RSW.

Margaret deJong-Berg, MSW (Calgary); PhD (Alberta)
Human Ecology. RSW.

Amber Dion, MSW (Calgary)
Social Work. RSW.

Arlene Eaton-Erickson, MSW (Dalhousie)
Social Work. RSW.

Erin Gray, MSW (Wilfrid Laurier); PhD (Wales) UK
Social Policy. RSW.

Faye Hamilton, MSW (Calgary)
Social Work. RSW.

Helena Hawryluk, MSW (Calgary)
Social Work. RSW.

Michelle Holubinsky, MSW (Calgary)
Social Work. RSW.

Alan Knowles, MSW (Calgary); PhD (Alberta)
Educational Policy Studies. RSW.

Danielle Larocque, MSW (Calgary)
Social Work. RSW.

Chrystal Littlechild-Hill, MSW (Victoria)
Social Work. RSW.

Gisele Mak, MSW (Dalhousie)
Social Work. RSW.

Krista Osborne, MSW (Calgary)
Social Work. RSW.

Valerie Ouedraogo, MSW, PhD (Germany)
Social Work. RSW.

Frances Ross, MSW (Calgary)
Social Work. RSW.

Joby Scaria, MSW (York)
Social Work. RSW.

Maria Smyth, MSW (Carleton)
Social Work. RSW.

Hongmei Tong, MSW (Hong Kong); PhD (Calgary)
Social Work. RSW.

Stephanie Tyler, MSW (Calgary)
Social Work. RSW.

Peter Vogels, MSW (Calgary); PhD (Alberta)
Education. RSW.

Marianne Wright, MA (Calgary)
Social Work. RSW.
NURSING

The Faculty of Nursing offers innovative and diverse programming designed to meet the educational needs of those aspiring to become registered nurses (RNs) or registered psychiatric nurses (RPNs), as well as practicing RNs and RPNs, and other health professionals. The Faculty of Nursing also provides leadership in teaching and learning that informs professional nursing practice while contributing to the advancement of knowledge in nursing and psychiatric/mental health nursing. Our aim is to prepare outstanding graduates who are committed to excellence in practice and who enhance the health, safety and well-being of individuals, families, communities, and society as collaborative members of interprofessional healthcare teams. Graduates of our programs are prepared as leaders within their profession, and thus have the opportunity to play a significant role in influencing the delivery of health care services and in influencing the health of populations.

Dean
Vincent Salyers, EdD (San Francisco)
Curriculum and Instruction. RN; ANEF

DEPARTMENT OF NURSING SCIENCE

The Bachelor of Science in Nursing (BScN) program is offered through the Department of Nursing Science. The mission of the BScN program is to prepare outstanding graduates who are committed to excellence in professional practice and who contribute to the health and well-being of individuals, families, communities, and society. Students are supported in their learning by faculty members having theoretical and/or clinical expertise in the study area and a passion for teaching. Program graduates possess the requisite knowledge, skills and other attributes to practice safe, ethical and evidence-informed nursing, both independently and collaboratively, with patients/clients and interprofessional/intersectoral members in diverse settings. Graduates demonstrate critical thinking, clinical judgment, flexibility and creativity, and are able to function ethically and effectively in unpredictable and complex situations. Graduates may also transition into the practice domains of administration, education and research.

Department Chair
TBD

Program
• Bachelor of Science in Nursing

Faculty
Marian Anderson, BScN; MEd (Alberta)
Education. RN.

Alicia Bankowski, BScN (Alberta)
Nursing. RN.

Gabriel Barrington-Moss, BScN; MSN (Phoenix)
Nursing. RN.

Debra Bennett, BScN (Alberta)
Nursing. RN.

Lorna Bennett, BScN; MN (Athabasca)
Nursing. RN.

Keri-Ann Berga, BScN; MScN (Ottawa)
Nursing. RN. IBCLC. PNC(c).

Kristyn Berube, BScN; MScN (Ottawa)
Nursing. RN.

Barb Borkent, BScN (Alberta)
Nursing. RN.

Bibi Boudreau, BScN (Queen's)
Nursing. RN.

Catherine (Kate) Bowman, BScN; MN (Alberta)
Nursing. RN.

Kristy Bradley, BScN (Alberta)
Nursing. RN.

Cheryl (Michelle) Brisco, BSc; BN; MN (Newfoundland)
Nursing. RN.

Elizabeth Burgess-Pinto, BScN; MN; PhD (Alberta)
Nursing. RN. IBCLC.

Alana Bykowski, BScN (Alberta)
Nursing. RN.

Sasha Campbell, BScN (Alberta)
Nursing. RN.

Susan Carlson, BScN; MN (Alberta)
Nursing. RN.

Linda Cavanaugh, BScN; MAdEd (St. Francis Xavier)
Adult Education. RN.

Hope Chick, BScN; MN (Alberta)
Nursing. RN.

Andrea Chute, BN; MN (Alberta)
Nursing. RN.

Pamela Clark, BScN (Alberta)
Nursing. RN.

Tracee Cowan, BScN; BSc (Ottawa)
Nursing. RN.

Amy Crossland, BScN (Alberta)
Nursing. RN.

Paula Culling, BA (Nursing); MSNED (Phoenix)
Nursing. RN.

Deserae Davis, BN, MN
Nursing. NP.

Ashley Denny, BScN (Alberta)
Nursing. RN.

Sherri Dickson, BScN (Alberta)
Nursing. RN.

Claudine Drefs, BScN (Alberta)
Nursing. RN.

Melissa Dressler, BN (New Brunswick)
Nursing. RN.

Lisa Duncan, BScN (Alberta)
Nursing. RN.

Dana Eftodie, BScN (Alberta)
Nursing. RN.

Suzanne Flynn, BScN; MN (Alberta)
Nursing. RN.

Jana Frenz, BScN (MacEwan)
Nursing. RN.

Jennifer Freidenstab, BScN (Alberta)
Nursing. RN.

Melanie Gates, BScN; MN (Alberta)
Nursing. RN.

Shelly Gillespie, BScN; MN (Athabasca)
Nursing. RN.

Anna Glen, BScN (Alberta)
Nursing. RN.

Mona Haimour, BScN; MN (Jordan)
Nursing. RN.

Catherine Hall, BN (Lethbridge)
Nursing. RN.

56 MacEwan University • 2017–2018 Academic Calendar • MacEwan.ca
Mary Hanson, BScN (Alberta)  
Nursing. RN.
Heather Hector, BScN (Alberta)  
Nursing. RN.
Nicole Henderson, BScN (Alberta)  
Nursing. RN.
Tanya Heuver, BScN; MN (Alberta)  
Nursing. RN.
Nicole Hope, BScN (Alberta)  
Nursing. RN.
Sheila Hordal, BScN (Alberta)  
Nursing. RN.
Sarah Hung, BScN (Saskatchewan)  
Nursing. RN.
Kimberly Jalal, BScN (Alberta)  
Nursing. RN.
Candice Janes, BScN  
Nursing. RN.
Christine Johnson, BSN; MN (Saskatchewan)  
Nursing. RN.
Sharon Johnston, BScN; MSc (Alberta)  
Health Promotion. RN.
Kathryn Jones, BScN; PhD (Oregon)  
Health Education. RN.
Paul Kerr, BSc; PhD (London, UK)  
Pharmacology
Heather (Ellyse) Kilarski, BScN (Alberta); MS (UK)  
Nursing. RN.
Debra King, BScN (Alberta)  
Nursing. RN.
Dawn Kingham, BScN (Alberta)  
Nursing. RN.
Susan Knibbs, BScN (Saskatchewan)  
Nursing. RN.
Jessica Labbe, BScN (Alberta)  
Nursing. RN.
Chelsea LaFond, BScN (Alberta)  
Nursing. RN.
Lisa Lenuik, BSN (Southern Nazarene)  
Nursing. RN.
Ann Little, BScN; MN (Victoria)  
Nursing. RN.
Sharon Lysachok, BScN (Alberta)  
Nursing. RN.
Pamela Maharaj, BScN (Alberta)  
Nursing. RN.
Trish Mandrusiak, BScN; MN (Alberta)  
Nursing. RN.
Colleen Maykut, BScN; DNP (Case Western Reserve)  
Nursing. RN.
Amanda (Mandy) McDonald, BScN (Alberta)  
Nursing. RN.
Safina McIntyre, BScN; MN (Alberta)  
Nursing. RN.
Lisa McKendrick-Calder, BScN; MN (Athabasca)  
Nursing. RN.
Adam Mella, BScN; MN (Alberta)  
Nursing. RN.
Marie Middleton, BScN; MEd (Alberta)  
Education. RN.
Kathleen Miller, BScN; MN (Alberta)  
Nursing. RN.
Joan Mills, MN (Alberta)  
Nursing. RN. CCN(c).
Madeline Mills, BScN; MN (Alberta)  
Nursing. RN.
Margaret Milner, BScN; MN (Alberta)  
Nursing. RN.
Agnes Mitchell, BScN; MN (Alberta)  
Nursing. RN. GNC(c).
Yuwaraj (Raj) Narnaware, MSc; PhD (Bath, UK)  
Physiology and Endocrinology
Vivian Neis, BScN (Alberta)  
Nursing. RN.
Melanie Neumeier, BScN; MN (Newfoundland)  
Nursing. RN.
Holly Newell, BScN (Dalhousie)  
Nursing. RN.
Sheri Norum, BScN (Alberta)  
Nursing. RN.
Alice Nychofat, BScN (Saskatchewan)  
Nursing. RN.
Judee Onyskiw, BScN; PhD (Alberta)  
Nursing. RN.
Kathryn Ozum, BScN; MN (Alberta)  
Nursing. RN. OHC(c).
Tanya Paananen, BN; MBA (Ashford)  
Nursing. RN. Cneph(C).
Karen Pelletier, BScN  
Nursing. RN.
Rachel Plaquim, BScN (Alberta)  
Nursing. RN.
Cheryl Pollard, BScN; MN; PhD (Alberta)  
Nursing. RN.
Christy Raymond-Seniuk, BScN; PhD (Alberta)  
Nursing. RN.
Heather Reiter, BScN (Alberta)  
Nursing. RN.
Lynda Robinson, BScN (Alberta)  
Nursing. RN. IBCLC.
Sheryl Ross, BScN (Alberta)  
Nursing. RN.
Loveth Rudolph, BScN (Alberta)  
Nursing. RN.
Jordana Salma, BScN; MN (Alberta)  
Nursing. RN.
Binthi Samuel, MSc; PhD (Rajasthan, India)  
Radiation Biology
Anjili Sawhney, BScN; MHA (Canadian School of Management)  
Nursing. RN.
Claudia Seilor-Mutton, BScN; MEd (Alberta)  
Education. RN.
Yvonne Shelast, BScN; MN (Alberta)  
Nursing. RN.
Christina Shumka, BScN; MN (Saskatchewan)  
Nursing. RN.
Sheena Simpkins Gibbs, BN; MScN (Lethbridge)  
Nursing. RN.
Jaime Starchuk, BScN (Alberta)  
Nursing. RN.
Margaret Swedish, BScN; MDE (Athabasca)  
Distance Education. RN.
Holly Symonds-Brown, BScN; MSN (Rush)  
Nursing. RN. CPMHN(c).
Barb Tarnowski, BScN; MN (Alberta)  
Nursing. RN.
Jillian Thomas, BScN (Alberta)  
Nursing. RN. CPMHN(c).
NURSING

Leanne Topola, BScN; MN (Athabasca)
Nursing. RN. IBCLC.

Sharon Tougas, BScN (Alberta)
Nursing. RN.

Kim Tupala, BScN; MN (Athabasca)
Nursing. RN.

Jamie Turpin, BScN (Laurentian)
Nursing. RN.

Janifer (Jan) Usyk, BScN (Alberta)
Nursing. RN.

Elisha Vadnais, BScN; MN (Ottawa)
Nursing. RN.

Judy VanDerVinne, BScN (Alberta)
Nursing. RN.

Elizabeth White-McDonald, BScN; MN (Alberta)
Nursing. RN.

Carol Wild, BN; MScN (McGill)
Nursing. RN.

DEPARTMENT OF PSYCHIATRIC NURSING
The aim of the Department of Psychiatric Nursing is to advance psychiatric nursing education and practice through development and delivery of high quality, innovative, relevant curricula; strong professional, academic and clinical partnerships; and attention to professional standards. The department offers a diploma and post-diploma degree program in Psychiatric Nursing. Faculty members are passionate about their field and are committed to providing a supportive, collaborative learning environment that fosters student success. Diploma graduates promote optimal mental, physical, and psychosocial health for clients across the lifespan in diverse settings. The post-diploma degree program offers a balance between liberal and professional education with increased depth and breadth of studies, a global perspective, and an opportunity to enhance knowledge, skills and other professional attributes in such areas as community mental health, child and adolescent psychiatry, the criminal justice system, addictions and substance abuse, nursing research, and leadership.

Department Chair
TBD

Programs
- Psychiatric Nursing Diploma
- Bachelor of Psychiatric Nursing

Faculty
Marian Anderson, BScN; MEd (Alberta)
Education. RN.

Judy Bowie, BScN; MN (Alberta)
Nursing. RN.

Martha Braun, BScN (Alberta)
Nursing. RN. RPN.

Mary-Lou Burton
Nursing. RN.

Randi Ziorio Dunlop, BScPN; MEd (Alberta)
Health Sciences Education. RPN.

Tracey Eklund, BHScPN; MHST (Athabasca)
Leadership. RPN.

Caitlin Evans, BScPN (Douglas College)
Nursing. RPN.

Serena Flude, BScN (Ottawa)
Nursing. RPN.

Danielle Gagnon, BN; MA (Counselling); PhD(c)
Nursing. RN. RPsych.

Audrey Guthrie, BScN; MHSA (Alberta)
Health Services Administration. RN. GNC (c)

Mary Haase, BScN; PhD (Alberta)
Nursing. RN.

Ashif Kassam, MA (Yorkville)
Counselling Psychology. RPN.

Craig Kotnyek, BScN (Alberta)
Nursing. RN.

Ken Kustiak, BScN; MN (Athabasca)
Nursing. RN. RPN.

Robert Lockhart, BScN; MA (Royal Roads)
Leadership and Training. RN. RPN.

Corey McAuley, BScN (Alberta)
Nursing. RN.

Sherrie Meilleur, BScN (Alberta)
Nursing. RN.

Madeline Mills, BScN; MN (Alberta)
Nursing. RN.

Tanis Nelson, BScN (Alberta)
Nursing. RN.

Brian Parker, BScN, PhD (Alberta)
Nursing. RN. RPN

Paul Ramalingam, PhD (Notre Dame)
Cell Biology.

Heather Scarlett-Ferguson, BSP, MEd (DE), EdD (Athabasca)
RPh.

Charity Stacey, Psychiatric Nursing Diploma (MacEwan)
RPN.

Susan Stoesz, BScN (Alberta)
Nursing. RN.

Peter Vermeulen, BScPN (Douglas)
Psychiatric Nursing. RPN.

Chris Watkins, BScPN; MN (Monash, Victoria)
Mental Health. RPN.

Melissa Watkins, BN; MN (Monash, Victoria)
Mental Health. RN. RPN.

CENTRE FOR PROFESSIONAL NURSING EDUCATION
The Centre for Professional Nursing Education is dedicated to serving front-line multidisciplinary practitioners who strive to improve the health and quality of life for individuals, communities and industries. The centre offers a mosaic of innovative continuing education programs for nurses and other health care professionals, with programming that is grounded in evidence-informed practice.

Director
Shirley Galenza, BScN; M.Ed (Calgary)
Nursing. RN.

Programs
- Cardiac Nursing Post-Basic Certificate
- Occupational Health Nursing Certificate
- Perioperative Nursing for Registered Nurses
- Post-Basic Nursing Practice
- Wound Management Post-Basic Certificate

Faculty
Kelly Brennan, BScN (Alberta)
RN.

Nancy Brennan, BScN (Alberta)
RN.
Shirley Chandler, BN; MSc (McGill)
Nursing. Occupational Health. RN. OHNC.

Lindsey Collen Felix, PhD (Alberta)
Biological Sciences.

Robin Cooper, MN (Alberta)
Nursing. RN.

Gail Couch, MN (Alberta)
Nursing. RN.

Tammy Damberger, MN (Alberta)
Nursing. RN.

Roxanne Fox, BScN (Alberta), MSN, MBA
Nursing. RN.

Tammy Irving, BN (Athabasca)
Nursing. Occupational Health. RN. COHN(C). CRSP. CPHR

Guen Kernaleguen, MClSc (Western)
Clinical Science Wound Healing. RN. CAET.

Janice Krushinsky, RN, Dip. (Royal Alexandra Hospital)
Nursing. Occupational Health. RN.

Jodee Lancaster
Nursing. RN.

Meagan LaRiviere, MALAT (Alberta)
RN. RVT. RDMS.

Andrea Lysak, BScN (Alberta), RNFA
Nursing. RN. CPN(c)

Kim McLennan-Robbins
RN. CPN(c).

Joan Mills, MN (Alberta)
Nursing. RN. CCN(c).

Leah Milton, BN (Calgary)
Nursing. Occupational Health. RN.

Shawna Nelson, BScN (Alberta)
Nursing. RN. COHH(C). LNC. ESS.

Lynn Rogers, MN (Calgary)
Nursing. Occupational Health. RN.

Claudia Seiler-Mutton, BScN, MEd (Alberta)
Nursing. RN.

Rajamalar Senthuran, ND, MN (Alberta), CDE
Marcie Smigorowsky, MN (Alberta)
Nursing. RN. NP. CCN(c).

Michelle Suitor, MN; NP (Alberta)
Nursing. RN.

Lindsay Thomas, MN; NP (Alberta)
Nursing. RN.

GayleUrquhart, MN (Alberta)
Nursing. RN.

Lora Walker, BPE (Alberta)
Nursing. Occupational Health. RN.

Elizabeth Wilkey, MN (Athabasca)
Nursing. RN.

Teresa Woytkiw, MN (Alberta)
Nursing. RN.

**CLINICAL SIMULATION CENTRE**
The Clinical Simulation Centre (CSC) is a state-of-the-art clinical laboratory and simulation learning space that sets the stage for students from nursing and other health programs to practice skills and exercise critical thinking in a realistic, supportive environment. Learning through simulation brings theory to life and enables students to integrate theory into practice within a safe, supportive environment that allows for active experimentation. The highly specialized CSC simulation team, champions experiential and innovative learning, research, interprofessional collaborations, and patient safety.

**Director**
Colette Foisy-Doll, MSN (Arizona)
Nursing. RN. CHSE.

**Faculty**
Cynthia Gundermann, BScN (Nova Scotia)
Nursing. RN.

Shelley Winton, MPS (Alberta)
Nursing. RN.

Margot Zemrau, BScN (Alberta)
Nursing. RN.
The following sections are a complete listing of all programs for which MacEwan University offers provincially approved credentials. Each Program of Study establishes an approved pattern or group of credit courses or coursework and provides the program structure, by terms and/or years, for a provincially approved credential (certificate, diploma, post-diploma certificate, applied degree or bachelor degree).

Each Program of Study is unique and may contain the following component parts:

- **CORE** courses are essential credit courses required in the Program of Study.
- Some programs include **ELECTIVE(S)**. Electives are credit courses which are curriculum components of a Program of Study intended to supplement, not replace, any part of the program core. Electives present students with the choice and opportunity to vary their curriculum according to individual interests. Electives within Programs of Study may specify discipline and or level of study conditions, but do not restrict students to a prescribed list of specific courses.
- **OPTIONS** are credit courses which are curriculum components of a Program of Study. They provide students with greater specificity of knowledge within a field of study. Options differ from electives: student choice of options is restricted to a prescribed list of specific courses published by the program.

---

**EXAMPLE**

**CORRECTIONAL SERVICES**

**PROGRAM OF STUDY**

**YEAR I**

<table>
<thead>
<tr>
<th>Term I</th>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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<tr>
<td></td>
<td>CORR 100</td>
<td>Human Relations</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CORR 102</td>
<td>Foundations of Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CORR 104</td>
<td>Criminal Justice System</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>SOCI 100</td>
<td>Introductory Sociology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ENGL 111</td>
<td>Communications</td>
<td>3</td>
</tr>
</tbody>
</table>
BACHELOR DEGREES

Bachelor of Arts .................................................. 62
Bachelor of Child and Youth Care ......................... 75
Bachelor of Commerce ........................................ 78
Bachelor of Communication Studies .................... 86
Bachelor of Music in Jazz and Contemporary
  Popular Music .................................................. 89
Bachelor of Psychiatric Nursing ............................ 96
Bachelor of Science ............................................. 99
Bachelor of Science in Nursing ............................. 110
Bachelor of Social Work ...................................... 114
BACHELOR OF ARTS

Faculty of Arts and Science
MacEwan.ca/BA

MacEwan University’s Bachelor of Arts (BA) is designed to provide a liberal arts education that allows students to explore a variety of academic disciplines and acquire a broad knowledge base that will prepare them for employment or future post-secondary studies. The degree is intended to provide students with breadth, depth, and diversity in the areas of humanities, sciences, social sciences, analytical studies, and fine arts as well as courses focused on language and literature. BA students study subjects in major and/or minor disciplines, and are required to be familiar with the academic and faculty regulations and procedures as published herein.

ARTS DISCIPLINES

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Major</th>
<th>Minor</th>
<th>Honours</th>
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<tbody>
<tr>
<td>Anthropology</td>
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<tr>
<td>Classics</td>
<td>–</td>
<td>✓</td>
<td>–</td>
</tr>
<tr>
<td>Creative Writing</td>
<td>–</td>
<td>✓</td>
<td>–</td>
</tr>
<tr>
<td>Economics</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>English</td>
<td>✓</td>
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<tr>
<td>French</td>
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<tr>
<td>History</td>
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<td>✓</td>
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<tr>
<td>Philosophy</td>
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<td>Political Science</td>
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<td>Psychology</td>
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<td>Sociology</td>
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<tr>
<td>Spanish</td>
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SCIENCE DISCIPLINES

See Bachelor of Science program of study for details

<table>
<thead>
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<th>Discipline</th>
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<tbody>
<tr>
<td>Biological Sciences</td>
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<td>✓</td>
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<tr>
<td>Chemistry</td>
<td>–</td>
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<tr>
<td>Computer Science</td>
<td>✓</td>
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<tr>
<td>Earth and Planetary Sciences</td>
<td>–</td>
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<tr>
<td>Mathematics</td>
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<tr>
<td>Physics</td>
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<tr>
<td>Planetary Physics</td>
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<td>✓</td>
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<tr>
<td>Statistics</td>
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</table>

OUT OF FACULTY MINORS

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Major</th>
<th>Minor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Law</td>
<td>–</td>
<td>✓</td>
</tr>
<tr>
<td>Business Studies</td>
<td>–</td>
<td>✓</td>
</tr>
</tbody>
</table>

GENERAL PROGRAM INFORMATION

The BA program requires students to complete 120 credits of non-duplicative coursework. The degree emphasizes both breadth and depth and has been redesigned for exceptional flexibility and customization. Students can now complete a major and a minor, a double major, or a major and a double minor.

PREPARING FOR PROFESSIONAL STUDIES

Students intending to enter professional programs at other universities, such as law and education, can take their pre-professional studies in the Faculty of Arts and Science at MacEwan University. For example, there is a selection of courses that may be taken to facilitate the transition to an after-degree education program or, if the student prefers, apply to a Bachelor of Education program after completion of as many as 60 credits of coursework. Students are advised to consult the admissions requirements for the universities and programs of their choice, and to select their MacEwan University courses accordingly. Completion of pre-professional courses at MacEwan University does not guarantee admission to the subsequent professional program. Each professional program requires a separate application and entry is competitive, not automatic.

TRANSFERABILITY

All courses completed for the Bachelor of Arts degree are credit courses and may be individually transferable toward further study at other Alberta institutions. For current, detailed information on individual course transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.
CATEGORIES OF ADMISSION
Applicants may be admitted to one of the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Four subjects from Group A, B, C, or D

Notes:
- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).
- Mathematics 30-1 is required for a major or minor in Economics.
- Mathematics 30-1 or 30-2 is required for a major or minor in Psychology.

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

MATURE ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicant must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)
- Six credits of university-level English with no grade less than C-

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

PREVIOUS POST-SECONDARY WORK
To be evaluated through the Office of the University Registrar
Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required high school courses listed under the Regular Admission category.

OR
- A MacEwan University diploma, or equivalent, with a minimum Graduation Grade Point Average (GGPA) of 2.0 on a 4.0 scale and English 30-1 or a minimum grade of C- in ENGL 111.

Applicants who present a minimum 2.0 on a 4.0 scale Graduation Grade Point Average (GGPA) from specific MacEwan University diplomas, or equivalent, may be eligible for block transfer of coursework.

ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:

1. English Language Proficiency
To be evaluated through the Office of the University Registrar
Applicable to all admission categories
All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria
To be evaluated through the Office of the University Registrar
Applicable to all admission categories
Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation ‘required to withdraw’ or equivalent.
BACHELOR OF ARTS

PROGRAM OF STUDY

<table>
<thead>
<tr>
<th>Program Element</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major</td>
<td>Major will range from 42 to 60 credits with a minimum 36 credits taken at the senior-level</td>
<td>42-60</td>
</tr>
<tr>
<td>Second Major or Minor(s)</td>
<td>Students have the option of completing a second major, or one or two minors. Minor courses must be completed at the senior-level</td>
<td>18-60</td>
</tr>
<tr>
<td>Options</td>
<td>Students can complete up to 15 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses</td>
<td>Up to 60</td>
</tr>
<tr>
<td>Total Degree Credits Including Breadth</td>
<td></td>
<td>120</td>
</tr>
</tbody>
</table>

BREADTH REQUIREMENTS

Within the 120 credit BA degree, students must complete the following Breadth requirements. Courses can be used both to satisfy the breadth and placed in a student’s major(s), minor(s), and options.

<table>
<thead>
<tr>
<th>Breadth Element</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Literacy</td>
<td>ENGL 102 and 3 credits in university English (not including ENGL 111 and ENGL 108), as well as 6 credits in one language other than English or world literature (COMP 102/103)</td>
<td>12</td>
</tr>
<tr>
<td>Humanities</td>
<td>CLAS, HIST, HUMN, or PHIL</td>
<td>6</td>
</tr>
<tr>
<td>Sciences</td>
<td>ASTR, BICM, BIOL, BOTN, CHEM, CMPT, EASC, GENE, PHYS, PSYC, SCIE, or ZOOL</td>
<td>6</td>
</tr>
<tr>
<td>Social Sciences</td>
<td>ANTH, ECON, POLS, PSYC, or SOCI</td>
<td>6</td>
</tr>
<tr>
<td>Analytical Studies</td>
<td>LING 101, MATH, PHIL 125, or STAT</td>
<td>3</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>ARTE, CRWR, DRMA, MUSC, CLAS 252, CLAS 352, or CLAS 356</td>
<td>3</td>
</tr>
</tbody>
</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study. In the Faculty of Arts and Science, students typically require a minimum grade of C- to use a course as a prerequisite. Please check course descriptions for more information.

BACHELOR OF ARTS - HONOURS DISCIPLINES INFORMATION

The BA Honours provides eligible students with the opportunity to pursue more intensive study in their chosen field, which may be of benefit to students considering graduate studies. There are six Honours disciplines offered: anthropology, economics, English, political science, psychology, and sociology. Honours disciplines may have limited enrolment, and individual disciplines may have additional selection requirements.

GENERAL SELECTION CRITERIA FOR HONOURS DISCIPLINES

For consideration into Honours disciplines, students must present the following:
1. Completion of a minimum of 45 university-level credits, applicable to the program of study, with a GPA of 3.0 or better
2. 24 of the 45 credits must have been completed in the last 12 months
3. A minimum of six credits completed at the senior-level in the discipline of study
4. A minimum GPA of 3.3 in all senior-level courses in the discipline of study

Students interested in one of the Honours disciplines are encouraged to request a graduation check from the Faculty of Arts and Science Program Services Office. Note that entry into an Honours discipline is competitive; satisfying the minimum requirements may not guarantee admission. For more information and to apply for entry, contact the honours discipline advisor.

HONOURS ADMISSION

HONOURS IN ANTHROPOLOGY – ADMISSION REQUIREMENTS

Students are eligible for application to the Honours anthropology discipline after they have completed a minimum of 45 credits (including at least six credits in senior-level anthropology courses), 24 of which must have been completed within the last 12 months. Applicants must present a cumulative GPA of 3.0 and a minimum GPA of 3.3 in all senior-level anthropology courses. Note that entry is competitive and dependent on department resources - satisfying the minimum requirements does not guarantee admission. For more information and to apply for entry, contact the department at 780-663-3890 or email artsandscience@macewan.ca

HONOURS IN ENGLISH – ADMISSION REQUIREMENTS

Students are eligible for application to the Honours English discipline after they have completed a minimum of 45 credits (including at least six credits in senior-level English courses), 24 of which must have been completed within the last 12 months. Applicants must present a cumulative GPA of 3.0 and a minimum GPA of 3.3 in all senior-level English courses. Note that entry is competitive and dependent on department resources - satisfying the minimum requirements does not guarantee admission. For more information and to apply for entry, contact the department at 780-497-5346 or email artsandscience@macewan.ca
HONOURS IN ECONOMICS – ADMISSION REQUIREMENTS
Students are eligible for application to the Honours economics discipline after they have completed a minimum of 45 credits (including at least six credits in senior-level economics courses), 24 of which must have been completed within the last 12 months. Applicants must present a cumulative GPA of 3.0 and a minimum GPA of 3.3 in all senior-level economics courses. Note that entry is competitive and dependent on department resources - satisfying the minimum requirements does not guarantee admission. For more information and to apply for entry, contact the department at 780-663-3890 or email artsandscience@macewan.ca

HONOURS IN POLITICAL SCIENCE – ADMISSION REQUIREMENTS
Students are eligible for application to the Honours political science discipline after they have completed a minimum of 45 credits (including at least six credits in senior-level political science courses), 24 of which must have been completed within the last 12 months. Applicants must present a cumulative GPA of 3.0 and a minimum GPA of 3.3 in all senior-level political science courses. Note that entry is competitive – satisfying the minimum requirements does not guarantee admission. For more information and to apply for entry, contact the department at 780-633-3890 or email artsandscience@macewan.ca

HONOURS IN PSYCHOLOGY – ADMISSION REQUIREMENTS
Students are eligible for application to the Honours psychology discipline after they have completed a minimum of 45 credits (including at least six credits in senior-level psychology courses), 24 of which must have been completed within the last 12 months. Applicants must present a cumulative GPA of 3.0 and a minimum GPA of 3.3 in all senior-level psychology courses. Note that entry is competitive – satisfying the minimum requirements does not guarantee admission. For more information and to apply for entry, contact the department at 780-497-5305 or email artsandscience@macewan.ca

HONOURS IN SOCIOLOGY – ADMISSION REQUIREMENTS
Students are eligible for application to the Honours sociology discipline after they have completed a minimum of 45 credits (including at least six credits in senior-level sociology courses), 24 of which must have been completed within the last 12 months. Applicants must present a cumulative GPA of 3.0 and a minimum GPA of 3.3 in all senior-level sociology courses. Note that entry is competitive – satisfying the minimum requirements does not guarantee admission. For more information and to apply for entry, contact the department at 780-633-3653 or email artsandscience@macewan.ca

PROGRAM OF STUDY - BA HONOURS

<table>
<thead>
<tr>
<th>Program Element</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Honours Requirements</td>
<td>Honours requirements are determined by each discipline</td>
<td>63 to 84</td>
</tr>
<tr>
<td>Options</td>
<td>Students can complete up to 15 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses</td>
<td>36 to 57</td>
</tr>
<tr>
<td>Total Degree Credits</td>
<td></td>
<td>120</td>
</tr>
</tbody>
</table>

BREADTH REQUIREMENTS
Within the 120 credit BA Honours program, students must complete the following Breadth requirements. Courses meeting these requirements can be used toward any combination of the Honours requirement and options.

<table>
<thead>
<tr>
<th>Breadth Element</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Literacy</td>
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<td>Fine Arts</td>
<td>ARTE, CRWR, DRMA, MUSC, CLAS 252, CLAS 352, or CLAS 356</td>
<td>3</td>
</tr>
</tbody>
</table>

Courses can be used both to satisfy the breadth and honours requirements.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study. In the Faculty of Arts and Science, students typically require a minimum grade of C- to use a course as a prerequisite. Please check course description for more information.

MAJORS AND MINORS
Academic and discipline advisors are available to assist the student to plan a program of study that will meet these degree requirements. Refer to MacEwan.ca/BA for specific course requirements for each major and minor.

Note: there is a non-duplicative coursework requirement on all majors and minors.
ANTHROPOLOGY

MAJOR

Total credits required for major – 42 to 60 senior-level credits with a minimum of 36 senior-level credits.

A minimum of 24 credits at the 300- or 400-level.

Specific Major Requirements – 24 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 1XX</td>
<td>100-level Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 206</td>
<td>Introduction to Archaeology</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 207</td>
<td>Introduction to Social and Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 208</td>
<td>Introduction to Linguistic Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 209</td>
<td>Biological Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 399</td>
<td>Ecological Perspectives in Anthropology</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose three credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 394</td>
<td>Ethnographic Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 395</td>
<td>Archaeological Method Issues</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose three credits:

<table>
<thead>
<tr>
<th>Course ID</th>
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</tr>
</thead>
<tbody>
<tr>
<td>ANTH 415</td>
<td>Anthropological Theory</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 481</td>
<td>Archaeological Theory History</td>
<td>3</td>
</tr>
</tbody>
</table>

General Major Requirements – 18 to 36 credits chosen from junior- and senior-level ANTH.

ANTHROPOLOGY

MINOR

Total credits required for minor – 18 senior-level credits.

A minimum of nine credits must be completed at the 300- or 400-level.

Specific Minor Requirements – 12 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
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</tr>
</thead>
<tbody>
<tr>
<td>ANTH 399</td>
<td>Ecological Perspectives in Anthropology</td>
<td>3</td>
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</table>

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<tr>
<th>Course ID</th>
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</thead>
<tbody>
<tr>
<td>ANTH 245</td>
<td>Ethnography of Mediterranean Peoples</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 246</td>
<td>Circumpolar Peoples</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 250</td>
<td>Introduction to Canadian Indigenous Peoples</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 261</td>
<td>Peoples and Cultures of Mesoamerica</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 262</td>
<td>Peoples and Cultures of South America</td>
<td>3</td>
</tr>
</tbody>
</table>

General Minor Requirements – Six credits chosen from 300- and 400- level ANTH.

ANTHROPOLOGY

HONOURS

Total credits required for Honours – 84 credits.

Specific Honours Requirements – 30 credits:

<table>
<thead>
<tr>
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<td>3</td>
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</tbody>
</table>

General Honours Requirements – 54 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Approved Honours Options – senior-level ANTH courses chosen in consultation with anthropology Honours advisor.</td>
<td>24</td>
</tr>
<tr>
<td></td>
<td>Courses Outside the Discipline – chosen in consultation with anthropology Honours advisor.</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>Flex Courses – junior- and senior-level ANTH, or courses outside of the discipline, chosen in consultation with the anthropology Honours advisor.</td>
<td>12</td>
</tr>
</tbody>
</table>

BUSINESS LAW

MINOR

Total credits required for minor – 18 senior-level credits.

A minimum of six credits must be completed at the 300- or 400-level.

Note: The Business Law minor is a competitive minor. Students must complete or be enrolled in LEGL 210 by the Winter term to be considered for this minor. There are 10 seats available in the Business Law minor each year. Students will submit their declaration by January 15. Students who apply will be ranked by their admissions GPA, which is calculated using their most recent 24 credits of university-level course work, without breaking up a term. Applicants with the 10 highest GPAs will be admitted to the program. Students will be notified of the success or denial of their application to the Business Law minor no later than February 1.

Specific Minor Requirements – 6 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEGL 210</td>
<td>Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>LEGL 315</td>
<td>Business Law II</td>
<td>3</td>
</tr>
</tbody>
</table>

General Minor Requirements – 12 credits chosen from senior-level LEGL.
BUSINESS STUDIES

MINOR
Total credits required for minor – 18 senior-level credits.
A minimum of six credits must be completed at the 300- or 400-level.
Note: 1. It is highly recommended that students complete BUSN 201 during the second year of their program.

Specific Minor Requirements – 18 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 311</td>
<td>Introductory Accounting</td>
<td>3</td>
</tr>
<tr>
<td>BUSN 201</td>
<td>Introduction to Sustainable Business</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose 12 Credits with:
A minimum of six credits from:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 322</td>
<td>Managerial Information and Control Systems</td>
<td>3</td>
</tr>
<tr>
<td>FNCE 301</td>
<td>Introductory Finance</td>
<td>3</td>
</tr>
<tr>
<td>LEGL 210</td>
<td>Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>MARK 301</td>
<td>Fundamentals of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>ORGA 201</td>
<td>Introduction to Management</td>
<td>3</td>
</tr>
</tbody>
</table>

A maximum of six credits from:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FNCE 404</td>
<td>International Finance</td>
<td>3</td>
</tr>
<tr>
<td>INTB 300</td>
<td>Introduction to International Business</td>
<td>3</td>
</tr>
<tr>
<td>MARK 403</td>
<td>International Marketing</td>
<td>3</td>
</tr>
<tr>
<td>ORGA 316</td>
<td>Contemporary Organizational Behaviour and Theory</td>
<td>3</td>
</tr>
<tr>
<td>ORGA 330</td>
<td>Managerial Skill Development</td>
<td>3</td>
</tr>
</tbody>
</table>

CLASSICS

MINOR
Total credits required for minor – 18 senior-level credits.
A minimum of six credits must be completed at the 300- or 400-level (CLAS 355 does not satisfy this requirement).

Specific Minor Requirements – Six credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLAS 270</td>
<td>Greek Civilization</td>
<td>3</td>
</tr>
<tr>
<td>CLAS 271</td>
<td>Roman Civilization</td>
<td>3</td>
</tr>
</tbody>
</table>

General Minor Requirements – 12 credits chosen from senior-level CLAS (may use LATN 301, LATN 302 or PHIL 230 with permission to fulfill this requirement).

CREATIVE WRITING

MINOR
Total credits required for minor – 18 senior-level credits.
A minimum of six credits must be completed at the 300- or 400-level.
Six junior-level credits ENGL are required for this minor (not including ENGL 111 and ENGL 108).
Note: Courses cannot be used to fulfil the requirements of both the Creative Writing minor and the English major or minor.

Specific Minor Requirements – 18 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRWR 295</td>
<td>Introduction to Creative Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose 12 Credits:

<table>
<thead>
<tr>
<th>Course ID</th>
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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRWR 394</td>
<td>Writing Character</td>
<td>3</td>
</tr>
<tr>
<td>CRWR 395</td>
<td>Writing Poetry</td>
<td>3</td>
</tr>
<tr>
<td>CRWR 397</td>
<td>Writing a Sense of Place: Setting</td>
<td>3</td>
</tr>
<tr>
<td>CRWR 399</td>
<td>Writing Literary Non-Fiction</td>
<td>3</td>
</tr>
<tr>
<td>CRWR 404</td>
<td>Further Studies in Creative Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose three credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 205</td>
<td>Rhetoric and Textual Analysis</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 207</td>
<td>Sentence Style and Textual Analysis</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 297</td>
<td>Academic Essay Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 394</td>
<td>Theories of Writing and Poetics</td>
<td>3</td>
</tr>
</tbody>
</table>

ECONOMICS

MAJOR
Total credits required for major – 42 to 60 credits with a minimum of 36 senior-level credits.
A minimum of six credits must be completed at the 400-level; ECON 401 and ECON 490 do not satisfy this requirement.
STAT 151 or STAT 161 are required for this major. Students with credit for MATH 114 are not required to complete ECON 289.

Specific Major Requirements – 30 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 101</td>
<td>Introduction to Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 102</td>
<td>Introduction to Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 281</td>
<td>Intermediate Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 282</td>
<td>Intermediate Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 289</td>
<td>Introduction to Mathematical Economics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 299</td>
<td>Quantitative Methods in Economics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 399</td>
<td>Introductory Econometrics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 497</td>
<td>Economic Analysis: A Capstone Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose six credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 290</td>
<td>Economics at Work: Reasoning and Writing in Economics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 319</td>
<td>Contemporary Canadian Economic Issues</td>
<td>3</td>
</tr>
<tr>
<td>ECON 384</td>
<td>Microeconomic Theory</td>
<td>3</td>
</tr>
<tr>
<td>ECON 385</td>
<td>Macroeconomic Theory</td>
<td>3</td>
</tr>
</tbody>
</table>

General Major Requirements – 12 to 30 credits chosen from senior-level ECON.

ECONOMICS

MINOR
Total credits required for minor – 18 senior-level credits.
A minimum of six credits must be completed at the 300- or 400-level; ECON 401 does not satisfy this requirement.
Specific Minor Requirements – Six credits:

<table>
<thead>
<tr>
<th>Course ID</th>
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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 281</td>
<td>Intermediate Microeconomics</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose three credits:

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<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 290</td>
<td>Economics at Work: Reasoning and Writing in Economics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 319</td>
<td>Contemporary Canadian Economic Issues</td>
<td>3</td>
</tr>
</tbody>
</table>

General Minor Requirements – 12 credits chosen from senior-level ECON.

ECONOMICS

HONOURS

Total credits required for Honours – 63 to 72 credits.

A minimum of 12 credits must be completed at the 400-level including ECON 499.

STAT 151 or STAT 161, and MATH 114 are required.

Specific Honours Requirements – 30 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 101</td>
<td>Introduction to Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 102</td>
<td>Introduction to Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 281</td>
<td>Intermediate Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 282</td>
<td>Intermediate Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 299</td>
<td>Quantitative Methods in Economics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 384</td>
<td>Microeconomic Theory</td>
<td>3</td>
</tr>
<tr>
<td>ECON 385</td>
<td>Macroeconomic Theory</td>
<td>3</td>
</tr>
<tr>
<td>ECON 389</td>
<td>Mathematical Economics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 399</td>
<td>Introductory Econometrics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 499</td>
<td>Honours Thesis</td>
<td>3</td>
</tr>
</tbody>
</table>

General Honours Requirements – 33 to 42 credits chosen from senior-level ECON in consultation with the economics Honours advisor.

ENGLISH

MAJOR

Total credits required for major – 42 to 60 credits with a minimum of 36 senior-level credits.

A minimum of six credits must be completed at the 400-level.

A minimum of six credits of one language other than English (LOE). The LOE can be taken as part of the Literacy Breadth requirement.

Specific Major Requirements – 24 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 102</td>
<td>Analysis and Argument</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 103</td>
<td>Introduction to Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 391</td>
<td>Topics in Literary Theory</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose three credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 205</td>
<td>Rhetoric and Textual Analysis</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 207</td>
<td>Sentence Style and Textual Analysis</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 307</td>
<td>The History of the English Language</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose nine credits from Literature before 1800:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 243</td>
<td>Genesis of English Literary Forms: Old English to late Renaissance</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 319</td>
<td>Earlier Medieval English Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 320</td>
<td>Later Middle English Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 324</td>
<td>Chaucer</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 336</td>
<td>Studies in Shakespeare</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 337</td>
<td>Topics in English Renaissance Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 340</td>
<td>Studies in 17th Century English Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 341</td>
<td>Augustan Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 342</td>
<td>Topics in the Long 18th Century Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 348</td>
<td>Milton</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 491</td>
<td>Early and Later Middle English</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 492</td>
<td>Elizabethan/17th Century Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 493</td>
<td>Restoration/Eighteenth Century Literature</td>
<td>3</td>
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</tbody>
</table>

Choose 3 credits from Canadian Literature:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ENGL 374</td>
<td>Early Canadian Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 376</td>
<td>Contemporary Canadian Literature</td>
<td>3</td>
</tr>
</tbody>
</table>

General Major Requirements – 18 to 36 credits chosen from junior- and senior-level ENGL or CRWR.

ENGLISH

MINOR

Total credits required for minor – 18 senior-level credits.

A minimum of 12 credits at the 300- or 400- level.

A maximum of three credits from CRWR.

Specific Minor Requirements – Three credits:

Choose three credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 319</td>
<td>Earlier Medieval English Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 320</td>
<td>Later Middle English Literature</td>
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<td>3</td>
</tr>
<tr>
<td>ENGL 336</td>
<td>Studies in Shakespeare</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 337</td>
<td>Topics in English Renaissance Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 340</td>
<td>Studies in 17th Century English Literature</td>
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<tr>
<td>ENGL 341</td>
<td>Augustan Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 342</td>
<td>Topics in the Long 18th Century Literature</td>
<td>3</td>
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<td>Milton</td>
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</tr>
<tr>
<td>ENGL 493</td>
<td>Restoration/Eighteenth Century Literature</td>
<td>3</td>
</tr>
</tbody>
</table>

General Minor Requirements – 15 credits chosen from senior-level ENGL or CRWR.
ENGLISH

HONOURS

Total credits required for Honours – 63 to 84 credits.

A minimum of 12 credits must be completed at the 400-level including ENGL 499.

Specific Honours Requirements – 30 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 102</td>
<td>Analysis and Argument</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 103</td>
<td>Introduction to Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 391</td>
<td>Topics in Literary Theory</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 499</td>
<td>Honours Thesis</td>
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</tr>
</tbody>
</table>

Choose three credits:

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<tr>
<th>Course ID</th>
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<tbody>
<tr>
<td>ENGL 205</td>
<td>Rhetoric and Textual Analysis</td>
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<td>ENGL 207</td>
<td>Sentence Style and Textual Analysis</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 307</td>
<td>The History of the English Language</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose three credits from each of the five time periods – 15 credits in total:

**Early and Later Middle English**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 319</td>
<td>Earlier Medieval English Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 320</td>
<td>Later Middle English Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 324</td>
<td>Chaucer</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 491</td>
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<td>3</td>
</tr>
</tbody>
</table>

**Elizabethan and 17th Century**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 336</td>
<td>Studies in Shakespeare</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 337</td>
<td>Topics in English Renaissance Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 340</td>
<td>Studies in 17th Century English Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 348</td>
<td>Milton</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 492</td>
<td>Elizabethan/17th Century Literature</td>
<td>3</td>
</tr>
</tbody>
</table>

**Restoration and 18th Century**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 341</td>
<td>Augustan Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 342</td>
<td>Topics in the Long 18th Century Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 493</td>
<td>Restoration/Eighteenth Century Literature</td>
<td>3</td>
</tr>
</tbody>
</table>

**British, American and Canadian 19th Century**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 350</td>
<td>Topics in Romantic Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 352</td>
<td>Early Victorian Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 353</td>
<td>Later Victorian Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 358</td>
<td>19th Century American Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 494</td>
<td>Nineteenth Century Literature</td>
<td>3</td>
</tr>
</tbody>
</table>

**British, American, Canadian and Post-Colonial Literature 20th and 21st Century**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 361</td>
<td>Early 20th Century American Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 362</td>
<td>Contemporary American Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 364</td>
<td>Topics in 20th and 21st Century Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 365</td>
<td>Early 20th Century British &amp; Anglophone Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 366</td>
<td>Contemporary British and Anglophone Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 374</td>
<td>Early Canadian Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 376</td>
<td>Contemporary Canadian Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 381</td>
<td>Post-Colonial Literature</td>
<td>3</td>
</tr>
</tbody>
</table>

Course ID | Course Name                              | Credits |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 481</td>
<td>Post-Colonial Theory and Practice</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 495</td>
<td>Twentieth Century Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 496</td>
<td>Intersections - Theory and Culture</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 497</td>
<td>Twenty-First Century Literature</td>
<td>3</td>
</tr>
</tbody>
</table>

General Honours Requirements – 33 to 54 senior-level ENGL or CRWR chosen in consultation with the English Honours advisor.

FRENCH

MINOR

Total credits required for minor – 18 senior-level credits.

A minimum of six FREN credits at the 300-level.

Minor Requirements – 18 credits chosen from senior-level FREN.

HISTORY

MAJOR

Total credits required for major – 42 to 60 credits with a minimum of 36 senior-level credits.

A minimum of nine credits must be completed at the 400-level.

Specific Major Requirements - 15 credits.

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 100</td>
<td>Introduction to History</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose three credits from each of the four areas - 12 credits in total:

**Canadian History survey**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 260</td>
<td>History of Canada to 1867</td>
<td>3</td>
</tr>
<tr>
<td>HIST 261</td>
<td>History of Canada Since 1867</td>
<td>3</td>
</tr>
</tbody>
</table>

**Pre-Modern Surveys**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLAS 210</td>
<td>Survey of Greek and Roman History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 205</td>
<td>Medieval Europe</td>
<td>3</td>
</tr>
<tr>
<td>HIST 206</td>
<td>Britain before the Black Death</td>
<td>3</td>
</tr>
<tr>
<td>HIST 209</td>
<td>Early Modern European History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 211</td>
<td>England: From Tudor to Glorious Revolution</td>
<td>3</td>
</tr>
<tr>
<td>HIST 214</td>
<td>The Celtic Crescent before 1801</td>
<td>3</td>
</tr>
</tbody>
</table>

**Modern Surveys**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 210</td>
<td>Modern European History: 1789 - Present</td>
<td>3</td>
</tr>
<tr>
<td>HIST 212</td>
<td>Britain 1689-1914</td>
<td>3</td>
</tr>
<tr>
<td>HIST 251</td>
<td>American History Since 1865</td>
<td>3</td>
</tr>
<tr>
<td>HIST 282</td>
<td>History of Modern Japan</td>
<td>3</td>
</tr>
</tbody>
</table>

**Methodology**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 300</td>
<td>Making History: Theory and Methods in History</td>
<td>3</td>
</tr>
</tbody>
</table>

General Major Requirements – 27 to 45 credits chosen from junior- and senior-level HIST and CLAS 110, CLAS 210, CLAS 314, CLAS 315.
HISTORY

MINOR
Total credits required for minor — 18 senior-level credits.
A minimum of nine credits must be completed at the 300- or 400-level.

Minor Requirements — 18 credits chosen from senior-level HIST and CLAS 110, CLAS 210, CLAS 314, CLAS 315.

PHILOSOPHY

MAJOR
Total credits required for major — 42 to 60 credits with a minimum of 36 senior-level credits.
A minimum of six credits must be completed at the 400-level, including PHIL 401.

Specific Major Requirements — 21 credits:
Choose six credits:
History of Philosophy

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 201</td>
<td>Buddhist Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 202</td>
<td>Philosophies of China and Japan</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 230</td>
<td>Ancient Western Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 240</td>
<td>Descartes to Kant</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 247</td>
<td>Continental Philosophy: Heidegger to Foucault</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 291</td>
<td>Existentialism</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose three credits from each of the five areas - 15 credits in total:
Metaphysics or Epistemology

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 200</td>
<td>Metaphysics</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 215</td>
<td>Epistemology</td>
<td>3</td>
</tr>
</tbody>
</table>

Ethics or Social and Political Philosophy

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 250</td>
<td>Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 270</td>
<td>Social and Political Philosophy</td>
<td>3</td>
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</tbody>
</table>

Formal Reasoning

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 210</td>
<td>Symbolic Logic</td>
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</tr>
<tr>
<td>PHIL 220</td>
<td>Symbolic Logic II</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 325</td>
<td>Risk, Choice and Rationality</td>
<td>3</td>
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</table>

Senior Seminar

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 401</td>
<td>Senior Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>

400-Level Philosophy

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 4XX</td>
<td>(PHIL 498 does not satisfy this requirement)</td>
<td>3</td>
</tr>
</tbody>
</table>

General Major Requirements — 21 to 39 credits chosen from junior- and senior-level PHIL.

PHILOSOPHY

MINOR
Total credits required for minor — 18 senior-level credits.
A minimum of three credits must be completed at the 400-level.

Specific Minor Requirements — Six credits:
Choose three credits:
Ethics or Social and Political Philosophy:

<table>
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<tr>
<th>Course ID</th>
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<tbody>
<tr>
<td>PHIL 250</td>
<td>Ethics</td>
<td>3</td>
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<tr>
<td>PHIL 270</td>
<td>Social and Political Philosophy</td>
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Choose three credits:
History of Philosophy:

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<th>Course ID</th>
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<tr>
<td>PHIL 201</td>
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<td>PHIL 291</td>
<td>Existentialism</td>
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</tbody>
</table>

General Minor Requirements — 12 credits chosen from senior-level PHIL.

POLITICAL SCIENCE

MAJOR
Total credits required for major — 42 to 60 credits with a minimum of 36 senior-level credits.
A minimum of 12 credits at the 300-level.
A minimum of six credits must be at the 400-level, including POLS 490.
POLS 221, 261 and 263 cannot be used to fulfill the senior-level POLS requirement.

Specific Major Requirements — 27 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 101</td>
<td>Introduction to Politics and Government</td>
<td>3</td>
</tr>
<tr>
<td>POLS 200</td>
<td>Comparative Political Systems</td>
<td>3</td>
</tr>
<tr>
<td>POLS 214</td>
<td>History of Political Thought I</td>
<td>3</td>
</tr>
<tr>
<td>POLS 215</td>
<td>History of Political Thought II</td>
<td>3</td>
</tr>
<tr>
<td>POLS 224</td>
<td>Canadian National Government I</td>
<td>3</td>
</tr>
<tr>
<td>POLS 225</td>
<td>Canadian National Government II</td>
<td>3</td>
</tr>
<tr>
<td>POLS 264</td>
<td>Introduction to World Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 265</td>
<td>International Relations II</td>
<td>3</td>
</tr>
<tr>
<td>POLS 490</td>
<td>Advanced Study in Political Science</td>
<td>3</td>
</tr>
</tbody>
</table>

General Major Requirements — 15 to 33 junior- or senior-level POLS.
POLITICAL SCIENCE

MINOR
Total credits required for minor – 18 senior-level credits.
A minimum of nine credits must be completed at the 300- or 400-level. POLS 221, 261 and 263 cannot be used to meet minor requirement.

Specific Minor Requirements – Nine credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 200</td>
<td>Comparative Political Systems</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose six credits in one of the following three areas:

Canadian National Government

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 224</td>
<td>Canadian National Government I</td>
<td>3</td>
</tr>
<tr>
<td>POLS 225</td>
<td>Canadian National Government II</td>
<td>3</td>
</tr>
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</table>

History of Political Thought

<table>
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International Relations

<table>
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<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 264</td>
<td>Introduction to World Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 265</td>
<td>International Relations II</td>
<td>3</td>
</tr>
</tbody>
</table>

General Minor Requirements – Nine credits
chosen from 300- and 400-level POLS.

PSYCHOLOGY

MAJOR
Total credits required for major – 42 to 60 credits
with a minimum of 36 senior-level credits.
A minimum of nine credits must be completed at the 300-level.
A minimum of six credits must be completed at the 400-level.
PSYC 439 does not satisfy this requirement.
STAT 151 or STAT 161 is required for this major.

Note: Psychology is a competitive major. Psychology applicants are required to have completed PSYC 104, PSYC 105, STAT 151 or STAT 161, and one 200-level PSYC class with no grade lower than C- in any of them. They must also either have completed or be enrolled in PSYC 212 during the winter term when the declarations close. They will be ranked by their AGPA, which is calculated using their most recent 24 credits of university-level course work, without breaking up a term.

Specific Major Requirements – 27 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 104</td>
<td>Introductory Psychology I</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 105</td>
<td>Introductory Psychology II</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 212</td>
<td>Introduction to Research Methods in Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 301</td>
<td>History of Psychology</td>
<td>3</td>
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</table>

Choose 15 credits:

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</thead>
<tbody>
<tr>
<td>PSYC 223</td>
<td>Developmental Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 233</td>
<td>Personality</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 241</td>
<td>Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 258</td>
<td>Cognitive Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 267</td>
<td>Perception</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 275</td>
<td>Brain and Behaviour</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 281</td>
<td>Principles of Behaviour</td>
<td>3</td>
</tr>
</tbody>
</table>

General Major Requirements – 15 to 33 credits
chosen from senior-level PSYC.

PSYCHOLOGY

MINOR
Total credits required for minor – 18 senior-level credits.
A minimum of six credits must be completed at the 300- or 400-level. PSYC 439 does not satisfy this requirement.

Minor Requirements – 18 credits chosen from senior-level PSYC.
PSYCHOLOGY

HONOURS
Total credits required for Honours – 84 credits.
Specific Honours Requirements – 42 credits:

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<tr>
<th>Course ID</th>
<th>Course Name</th>
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</thead>
<tbody>
<tr>
<td>PSYC 104</td>
<td>Introductory Psychology I</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 105</td>
<td>Introductory Psychology II</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 212</td>
<td>Introduction to Research Methods in Psychology</td>
<td>3</td>
</tr>
<tr>
<td>STAT 252</td>
<td>Applied Statistics II</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 301</td>
<td>History of Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 312</td>
<td>Advanced Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 400</td>
<td>Psychology Senior Seminar</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 499A</td>
<td>Honours Thesis I</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 499B</td>
<td>Honours Thesis II</td>
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</table>

Choose 15 credits:

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<td>Perception</td>
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</tr>
<tr>
<td>PSYC 275</td>
<td>Brain and Behaviour</td>
<td>3</td>
</tr>
<tr>
<td>PSTC 281</td>
<td>Principles of Behaviour</td>
<td>3</td>
</tr>
</tbody>
</table>

General Honours Requirements – 42 credits:
Approved Honours Options – senior-level PSYC courses chosen in consultation with psychology Honours advisor.
Courses Outside the Discipline – chosen in consultation with psychology Honours advisor.
Flex Courses - PSYC or courses outside of the discipline, chosen in consultation with the psychology Honours advisor.

SOCIOLOGY

MAJOR
Total credits required for major – 42 to 60 credits with a minimum of 36 senior-level credits.
A minimum of six credits must be completed at the 400-level (SOCI 426 does not satisfy this requirement).

Specific Major and Stream Requirements – 15 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCI 100</td>
<td>Introductory Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 232</td>
<td>Classical Sociological Theory</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 310</td>
<td>Introduction to Social Statistics</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 315</td>
<td>Social Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 333</td>
<td>Contemporary Sociological Theory</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose either the (1) General Sociology Major, the (2) Criminology Stream or the (3) Family, Youth and Diversity Stream.

(1) General Sociology Major Requirements – 27 to 45 credits chosen from junior- and senior-level SOCI.

(2) Criminology Stream Requirements – 27 to 45 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCI 225</td>
<td>Criminology</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 321</td>
<td>Youth, Crime and Society</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 327</td>
<td>The Canadian Criminal Justice System</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose 12 credits:
(Minimum of nine credits)

<table>
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<tr>
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</thead>
<tbody>
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<td>SOCI 224</td>
<td>Deviance and Conformity</td>
<td>3</td>
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<tr>
<td>SOCI 303</td>
<td>Contemporary Issues in Criminology</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 320</td>
<td>White Collar/Corporate Crime Criminality</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 325</td>
<td>Restorative Justice</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 329</td>
<td>Sociology of Law</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 403</td>
<td>Special Topics in Criminology and Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 421</td>
<td>Sociology of Punishment</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 422</td>
<td>Aboriginal Peoples and Justice</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 424</td>
<td>Advanced Topics in Deviance, Normality and Social Control</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 425</td>
<td>Conducting Sociological Research</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 426</td>
<td>Community-Based Sociology Project</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 428</td>
<td>Police and the Community</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 430</td>
<td>Gender, Crime and Social Justice</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 498</td>
<td>Advanced Independent Study</td>
<td>3</td>
</tr>
</tbody>
</table>

(Maximum of three credits)

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCI 416</td>
<td>Quantitative Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 418</td>
<td>Qualitative Research Methods</td>
<td>3</td>
</tr>
</tbody>
</table>

General Criminology Stream Requirements – Six to 24 credits chosen from junior- and senior-level SOCI.

(3) Family, Youth and Diversity Stream Requirements – 27 to 45 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCI 271</td>
<td>Introduction to the Family</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 301</td>
<td>Sociology of Gender</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 361</td>
<td>Social Inequality in Canada</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 368</td>
<td>Race and Ethnic Relations in Canada</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 377</td>
<td>Youth, Culture and Identity</td>
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</tr>
</tbody>
</table>

Choose six credits:

<table>
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<tr>
<th>Course ID</th>
<th>Course Name</th>
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</tr>
</thead>
<tbody>
<tr>
<td>SOCI 430</td>
<td>Gender, Crime and Social Justice</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 470</td>
<td>Advanced Topics in the Sociology of Families</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 477</td>
<td>Advanced Topics in Youth</td>
<td>3</td>
</tr>
<tr>
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<td>Advanced Independent Study</td>
<td>3</td>
</tr>
</tbody>
</table>

General Family, Youth and Diversity Stream Requirements: - Six to 24 credits chosen from junior- and senior-level SOCI.

SOCIOLOGY

MINOR
Total credits required for minor – 18 senior-level credits.
A minimum of nine credits must be completed at the 300- or 400-level (SOCI 426 does not satisfy this requirement).
Minor Requirements – 18 credits chosen from senior-level SOCI.

SOCIOMETRY

HONOURS

Total credits required for Honours – 63 to 84 credits.

Specific Honours Requirements – 30 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
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<tbody>
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<td>SOCI 400</td>
<td>Senior Seminar</td>
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<td>SOCI 498A</td>
<td>Honours Thesis I</td>
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</tr>
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</tr>
</tbody>
</table>

Choose either the (1) General Sociology Honours, the (2) Criminology Honours Stream or the (3) Family, Youth and Diversity Honours Stream.

(1) General Sociology Honours Requirements – 33 to 54 credits chosen from junior- and senior-level SOCI.

(2) Criminology Honours Stream Requirements – 33 to 54 credits:

<table>
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<tr>
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Choose 12 credits:

(Minimum of nine credits)

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General Criminology Honours Stream Requirements – 12 to 33 credits chosen from junior- and senior-level SOCI.

(3) Family, Youth and Diversity Honours Stream Requirements – 33 to 54 credits:

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<td>3</td>
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</tbody>
</table>

General Family, Youth and Diversity Honours Stream Requirements – 12 to 33 credits chosen from junior- and senior-level SOCI.

SPANISH

MINOR

Total credits required for minor – 18 senior-level credits.

A minimum of 6 SPAN credits at the 300-level.

Minor Requirements – 18 credits chosen from Senior-level SPAN.

DEGREE REGULATIONS

Students are strongly encouraged to seek advice from the academic advisors about academic planning for completing degree requirements at MacEwan University.

ACADEMIC RESIDENCY – CREDIT REQUIREMENTS

As part of the academic residency requirement noted in Policy C2100, Bachelor of Arts students also must complete at MacEwan University:

A minimum of 24 credits at the senior-level in the major discipline, with 12 of those senior credits completed at the 300- or 400-level. All 400-level requirements are to be completed at MacEwan University, AND, if applicable

A minimum of nine credits at the senior-level in a minor, with at least three of those credits at the 300- or 400-level.

BREADTH REQUIREMENTS

Courses taken to fulfil major, minor, or option requirements can also be used to satisfy breadth requirements.

DECLARATION OF A MAJOR AND A MINOR

Students are advised to declare a major and a minor, or two majors, or a major and two minors by the time they have completed 45 credits. Majors consist of 42 to 60 junior- and senior-level credits. With the exception of those students in an Honours program, a maximum of 60 credits may be completed from any one discipline for credit towards the degree. Students can re-declare their major(s) and/or minor(s) if required.
MINIMUM TRANSFER GRADE FOR CREDIT
A minimum grade of D is required on any transfer credit granted for the program. Arts and Science courses require a minimum grade of C- when the course is used as a prerequisite. Transfer credit decisions made by the university are final and cannot be appealed (see Policies C2030 and E3103).

OUT-OF-FACULTY OPTIONS REQUIREMENTS
Degree options may include a maximum of 15 credits from courses offered by a Faculty or School other than Arts and Science except for those students completing an out-of-faculty minor or those who have met the minor requirements with a diploma. These students must complete their degree options from courses offered within the Faculty of Arts and Science. Fine arts courses taken to fulfill breadth requirements do not count towards the allocation of out-of-faculty credit.

PROGRESSION OF STUDIES
Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfill Bachelor of Arts or Arts Honours program requirements.

ADDITIONAL DEGREE REGULATIONS - HONOURS

OVERALL REQUIREMENTS
The Honours program of study consists of 63 to 84 credits as determined by the discipline. Students in the Honours program are not required to complete a minor.

COURSE LOAD
Students accepted into an Honours program must complete 24-credits in each twelve consecutive months they are in the program. Exceptions to this rule may occur with the approval of the Honours discipline advisor.

GRADE POINT AVERAGE REQUIREMENT
Students accepted and enrolled in the Arts Honours program must maintain a minimum overall GPA of 3.0. As well, students must maintain a minimum GPA of 3.3 in all courses specified in the Honours program of study for each twelve consecutive months following acceptance into the Honours program. Failure to do so will result in the student’s program status reverting to a BA with a major in the previous honours discipline.

GRADUATION GRADE POINT AVERAGE
In order to graduate, students must obtain an overall GGPA of 2.0 or higher, with a minimum GPA of 2.0 on all courses credited toward the major(s) and a minimum GPA of 2.0 on all courses credited toward the minor(s).

MINIMUM PASSING GRADE
A minimum grade of D is required for all Arts degree courses unless otherwise noted next to the appropriate course in the program of study. A maximum of six credits with a final grade of D or D+ are permitted in courses credited toward the minimum requirements for the major.

CONTACT INFORMATION:
T: 780-497-4505
E: artsandscience@macewan.ca
Many young people experience neglect, abuse, emotional distress or family breakdown. Helping young people and their families overcome emotional and behavioural problems is the child and youth care worker’s role. The Bachelor of Child and Youth Care program equips students with the foundational knowledge and skills for professional practice with at-risk youth, their families and their community.

In years one and two, foundational courses with a personal-growth focus prepare students to form helping relationships with youth and families through effective communication and an understanding of adolescent and lifespan development, family dynamics and activity programming. Child and youth care methods, communication and counselling, and family support and intervention courses prepare students for entry-level positions in the field. Field placements provide the opportunity to apply coursework to practice settings. Students may choose the diploma exit option at the end of year two.

Years three and four prepare students for advanced practice in intensive programs with children, youth and families with multiple, complex challenges through courses on abuse and neglect, substance abuse, law and social services, and advanced methodology in individual, group and family practice. Research, statistics, advanced field placement and arts and science courses complete degree level education and prepare students for more complex positions and graduate programs in child and youth care.

**CAREER POTENTIAL**

Sensitive, well-educated and knowledgeable graduates are in demand across Canada. Graduates could enjoy rewarding careers as youth workers, family support workers, out-of-school care workers, child/youth care workers/counsellors, Children’s Service case workers or family-school liaison workers. Work settings include treatment centres, group homes, youth centres, mental health centres, family support programs, community-based programs, foster care and schools. Diploma exit students (after successful completion of year two) are prepared for entry-level, front-line positions. Degree graduates (after successful completion of year four) are prepared for positions as advanced front-line child and youth care practitioners or for supervisory positions.

Students presenting a completed Bachelor of Child and Youth Care degree from MacEwan University are eligible to apply to the Master of Arts in Child and Youth Care program at the University of Victoria.
CATEGORIES OF ADMISSION
Applicants may be admitted to one of the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:
1. ELA 30-1
2. Four subjects from Group A, B, C, or D
Notes:
• Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
• A maximum of two Group B subjects may be presented; they must be from different disciplines.
• A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

MATURE ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicant must have the following:
• ELA 30-1 with a minimum grade of 65 percent (or equivalent)
OR
• Six credits of university-level English with a minimum grade of C-

PREVIOUS POST-SECONDARY WORK
To be evaluated through the Office of the University Registrar
Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted. Applicants must have successfully completed one of the following from a recognized institution:
• A Child and Youth Care Diploma or a related Certificate or Diploma.
OR
• A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular or Mature Admission category.

ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:

1. English Language Proficiency
To be evaluated through the Office of the University Registrar

Applicable to all admission categories
All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria
To be evaluated through the Program

Applicable to all admission categories
Applicants offered admission are required to submit the following:
• A clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.
• A current Standard First Aid and Level C CPR certification.

PROGRAM OF STUDY

YEAR I

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CYCW 100</td>
<td>Adolescent Development</td>
<td>3</td>
</tr>
<tr>
<td>CYCW 101</td>
<td>Helping Skills</td>
<td>3</td>
</tr>
<tr>
<td>CYCW 102</td>
<td>Integration Seminar</td>
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</tr>
<tr>
<td>CYCW 103</td>
<td>Field Placement</td>
<td>2</td>
</tr>
<tr>
<td>CYCW 104</td>
<td>Activity Programming</td>
<td>2</td>
</tr>
<tr>
<td>CYCW 106</td>
<td>The Child and Youth Care Professional</td>
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<tr>
<td>CYCW 107</td>
<td>Child and Youth Care Practice</td>
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<td>CYCW 108</td>
<td>Special Topics in Child and Youth Care</td>
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<tr>
<td>CYCW 110</td>
<td>Integration Seminar</td>
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</tr>
<tr>
<td>CYCW 111</td>
<td>Field Placement</td>
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</tr>
<tr>
<td>CYCW 112</td>
<td>Family Dynamics</td>
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</tr>
<tr>
<td>CYCW 114</td>
<td>Individual Counselling</td>
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<td>ENGL 111</td>
<td>Communications</td>
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YEAR II

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<tr>
<td>CYCW 200</td>
<td>Child/Youth Care Methods I</td>
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<td>CYCW 201</td>
<td>Child and Youth Care Practice in Mental Health</td>
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<td>CYCW 202</td>
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<td>CYCW 203</td>
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<td>CYCW 204</td>
<td>Group Work</td>
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<td>CYCW 205</td>
<td>Issues in Family Work</td>
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<td>CYCW 206</td>
<td>Child/Youth Care Methods II</td>
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<td>CYCW 207</td>
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<td>CYCW 208</td>
<td>Field Placement</td>
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<td>CYCW 209</td>
<td>Family Support and Intervention</td>
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<td>CYCW 211</td>
<td>Development Across the Lifespan</td>
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YEAR III

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<tbody>
<tr>
<td>CYCW 302</td>
<td>Advanced Child and Youth Care Practice I: Linking Theory, Self and Ethics</td>
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<tr>
<td>CYCW 303</td>
<td>Advanced Child and Youth Care Practice II: Relational-Centred Case Planning</td>
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</tr>
<tr>
<td>CYCW 339</td>
<td>Applying Developmental Theory in Child and Youth Care Practice I</td>
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<tr>
<td>CYCW 340</td>
<td>Applying Developmental Theory in CYC Practice II: Advanced Application</td>
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<tr>
<td>CYCW 350</td>
<td>Law and Social Services</td>
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<td>CYCW 360</td>
<td>Abuse and Neglect</td>
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</tr>
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<td>CYCW 361</td>
<td>Substance Abuse</td>
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<td>Baccalaureate level English</td>
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YEAR IV

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<tr>
<td>CYCW 411</td>
<td>Advanced Field Placement I</td>
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</tr>
<tr>
<td>CYCW 412</td>
<td>Advanced Field Placement II</td>
<td>3</td>
</tr>
<tr>
<td>CYCW 423</td>
<td>Child and Youth Care Research</td>
<td>3</td>
</tr>
<tr>
<td>CYCW 425</td>
<td>Quantitative and Qualitative Analysis</td>
<td>3</td>
</tr>
<tr>
<td>CYCW 465</td>
<td>Advanced Child and Youth Care Practice with Community Groups</td>
<td>3</td>
</tr>
<tr>
<td>CYCW 466</td>
<td>Advanced Child and Youth Care Practice With Families</td>
<td>3</td>
</tr>
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<td>CYCW 474</td>
<td>Advanced Child and Youth Care Practice With Individuals</td>
<td>3</td>
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</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

ACADEMIC RESIDENCY - EXEMPTION

A student entering year three of the Bachelor of Child and Youth Care degree with a diploma from an external institution must complete at least 35 per cent of courses through MacEwan University for degree completion. Challenge examinations, transfer credit and other special assessments (for example, prior learning and recognition) are not included in the 35 per cent.

DEGREE REGULATIONS

Students are strongly encouraged to seek advice from the academic advisors about academic planning, whether for completing degree requirements at MacEwan University or for transfer to another post-secondary institution.

ELECTIVE REQUIREMENTS

Coursework for the elective requirements may be 100, 200, 300 or 400 level baccalaureate courses from the Faculty of Arts and Science.

ENGLISH REQUIREMENT

The English course requirement may be a 100, 200, 300 or 400 level baccalaureate course from the English department.

PROGRESSION OF STUDIES

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on program courses.

FIELD PLACEMENTS

Students must comply with policy C2060 Work Integrated Learning regarding their field placements.

POLICE INFORMATION CHECK

A student must meet the specific police information check requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

CONTACT INFORMATION

Full-time
T: 780-497-5657
E: cyc@macewan.ca

Part-time/Distance
T: 780-497-4614
E: cyc@macewan.ca
BACHELOR OF COMMERCE

School of Business
MacEwan.ca/BCom

The Bachelor of Commerce focuses on the development of basic business and managerial competencies combined with an understanding of globalization and its implications. The program is structured to provide comprehensive preparation for management positions with both for-profit and not-for-profit organizations as well as the public sector.

The degree provides students with knowledge and critical understanding of commerce and management, and the ability to gather, review, evaluate and interpret information relevant to business and management. Key professional skills are taught: ethical business practices and sustainability, business communication skills, teamwork, business analytics and technology, global and local mindsets, critical thinking and research, including the opportunity to engage in independent research and practice. These skills are integrated across all courses in the program.

The program consists of three types of courses: core, major and elective. Core courses develop fundamental skills and abilities in business and management. Upon completion of core courses, the student will choose one of six majors: Accounting, Human Resources Management, International Business, Management, Marketing or Supply Chain Management. The courses in the majors deepen knowledge of business within a focal area and the elective courses broaden education beyond business and tailor the degree to the student’s interests. Cooperative Education streams are also available. The program will prepare students for graduate studies in related fields.

ACCOUNTING MAJOR
The Accounting major prepares students to be able to analyze and solve problems and participate in the management of business functions and strategy within an organization. Students will learn to contribute to collaborative, information-sharing and joint-planning processes. They will acquire the necessary qualitative and quantitative skills for complex problem solving in an accounting and business environment. With a generalist knowledge of all areas of business and in-depth study of advanced topics, students are able to continue with professional accreditation, graduate-level study or to assume an accounting position.

HUMAN RESOURCES MANAGEMENT MAJOR
Human resources professionals provide advice to all levels of the organization on personnel management, employee recruitment and retention programming, selection of job candidates, employee professional development, negotiations, and more. Human resources professionals, particularly working with large organizations, are able to specialize in an area of interest like labour relations or human resources planning.

MacEwan University has developed the curriculum for this major in line with the Required Professional Capabilities as established by the Canadian Council of Human Resources Associations (CCHRA). Completion of this major prepares students for the National Knowledge Exam (NKE), a primary requirement of the Chartered Professional in Human Resources (CPHR) designation, which also requires the completion of a baccalaureate degree.

INTERNATIONAL BUSINESS MAJOR
The International Business major prepares students to conduct business in an increasingly globalized environment. Students will learn how to apply concepts from functional areas, such as marketing and finance, within the global business setting and how international business practice differs from domestic business. Students will also learn how the language, culture and political economy influence business in different countries and regions.

MANAGEMENT MAJOR
The Management major focuses on the management of organizations. It provides students with a solid foundation in the fundamentals of business and specialization in key aspects of leadership, including team building, conflict resolution, consulting, change management and organizational development. The major is flexible, allowing students to study a range of contexts: local and global industry, the not-for-profit sector and government. It also has significant opportunity for the student to enhance their studies through business and non-business electives.

MARKETING MAJOR
The marketing major curriculum provides students with both breadth and depth of study in general education, core business topics and marketing-specific study. The Marketing major focuses on marketing fundamentals, strategy, analysis and quantitative measurement. The focus on marketing strategy will provide students with an understanding of the marketing function and how that aligns with other organizational functions. Marketing research drives not only promotion (of which advertising is one small component) but also price, placement and product decisions. Any business strategy must begin and end with consumer needs. Consumer research is vital to the success of every aspect of a market offering, including the nature of the product itself. Students will undertake projects that involve conducting research and analyzing marketing metrics. Students will be prepared for strategic roles in public, private and non-profit organizations’ marketing departments as well as other departments in which marketing is a key component. The context in which students will be studying includes local, national and international marketing initiatives.

SUPPLY CHAIN MANAGEMENT MAJOR
The Supply Chain Management major prepares students to analyze business problems and participate in the strategic coordination and integration of business functions within an organization as well as with supply-chain partners. Students will learn to make general business decisions and supply-chain specific decisions in the areas of procurement, supplier management, inventory control, operations planning and control, logistics, e-business and demand management.
CAREER POTENTIAL
Graduates of the Bachelor of Commerce program have a wide variety of options: they could choose to work in corporations, governments, not-for-profit organizations or perhaps start their own businesses. Careers in disciplines such as finance, marketing, accounting, banking, business consulting, management information systems, human resources management, team and organizational development, small business management, international business, operations management, purchasing or logistics are available. Another option is to continue their education by completing a graduate degree, such as an MBA or PhD, which could lead to an academic or research career.

TRANSFERABILITY

INTERNAL OPPORTUNITIES
Graduates of the following MacEwan University programs may be granted up to 60 credits towards the Bachelor of Commerce degree:

- Accounting and Strategic Measurement diploma
- Arts and Cultural Management diploma
- Asia Pacific Management diploma
- Human Resources Management diploma
- Business Management diploma – all majors

Students are advised to consult a program advisor for the Bachelor of Commerce program for specific admission requirements.

EXTERNAL TRANSFER
All courses completed for the Bachelor of Commerce degree are credit courses and may be transferable individually toward further study at other Alberta institutions. For current, detailed information on individual course transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION
Applicants may be admitted to one of the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2
3. Three subjects from Group A, B, C, or D

Notes:
- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).
- Applicants are strongly recommended to present Math 31.

MATURE ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2

PREVIOUS POST-SECONDARY WORK
To be evaluated through the Office of the University Registrar
Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following from a recognized institution:

- A MacEwan University diploma or equivalent from a recognized institution (minimum 60 credits) with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the English and Math requirements listed under the Regular or Mature Admission category.

OR
- A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular or Mature Admission category.

Block Transfer
- Students who have graduated from an approved business or business-related diploma with a minimum GPA of 3.0 on the 4.0 scale over the most recent 24 credits may apply for a block transfer that will allow a student to enter third year. The approved business diploma must have the following content: Economics (3 credits), Marketing (3 credits) English/Communications/Business Communications (3 credits) Accounting (3 credits) Mathematics/Finance/Financial Math (3 credits) and Introduction to Management/Introduction to Business/Organization Behaviour (3 credits)

- Applicants with an accounting diploma applying for the third year of the Bachelor of Commerce Accounting major must present the following: Economics (3 credits) English/Communications/Business Communications (3 credits) Introductory Statistics (3 credits), Introductory Finance/Financial Management (3 credits) Business Law (3 credits) and at least 15 credits of Accounting
ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:

1. English Language Proficiency
To be evaluated through the Office of the University Registrar

Applicable to all admission categories
All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP

PROGRAM OF STUDY

<table>
<thead>
<tr>
<th>Program Element</th>
<th>Description</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Core</td>
<td>Business</td>
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<tr>
<td>Core</td>
<td>Non-Business</td>
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<td>Majors</td>
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<tr>
<td>Accounting</td>
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<tr>
<td>Human Resources Management</td>
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<tr>
<td>International Business</td>
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<tr>
<td>Management</td>
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<tr>
<td>Marketing</td>
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<td>Supply Chain Management</td>
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The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

CORE BUSINESS COURSES

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ACCT 311</td>
<td>Introductory Accounting</td>
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</tr>
<tr>
<td>ACCT 322</td>
<td>Managerial Information and Control Systems</td>
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<tr>
<td>BUSN 201</td>
<td>Introduction to Sustainable Business</td>
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<tr>
<td>BUSN 450</td>
<td>Strategic Management</td>
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<tr>
<td>FNCE 301</td>
<td>Introductory Finance</td>
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<tr>
<td>LEGL 210</td>
<td>Business Law I</td>
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<tr>
<td>MARK 301</td>
<td>Fundamentals of Marketing</td>
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<td>MSYS 200</td>
<td>Introduction to Management Information Systems</td>
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<tr>
<td>MGTS 103</td>
<td>Probability and Statistics I</td>
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<td>MGTS 312</td>
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<td>MGTS 352</td>
<td>Operations Management</td>
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<tr>
<td>ORGA 201</td>
<td>Introduction to Management</td>
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<tr>
<td>ORGA 316</td>
<td>Contemporary Organizational Behaviour and Theory</td>
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ACCOUNTING

MAJOR

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<td>ACCT 316</td>
<td>Intermediate Financial Accounting II</td>
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<td>ACCT 324</td>
<td>Intermediate Management Accounting</td>
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Option Requirement – nine credits from the following:

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<tbody>
<tr>
<td>ACCT 328</td>
<td>Income Tax Fundamentals</td>
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<tr>
<td>ACCT 366</td>
<td>Government and Not-for-Profit Accounting</td>
<td>3</td>
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<tr>
<td>FNCE 406</td>
<td>Valuation and Investment Decision</td>
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<tr>
<td>ACCT 410</td>
<td>Financial Accounting - Advanced</td>
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<td>ACCT 412</td>
<td>Financial Accounting Theory</td>
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<td>ACCT 422</td>
<td>Management Accounting - Advanced</td>
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<td>ACCT 430</td>
<td>Accounting Information and Systems Support</td>
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<tr>
<td>ACCT 493</td>
<td>Integrated Case Studies in Accounting</td>
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<td>ACCT 498</td>
<td>Independent Studies in Accounting</td>
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Elective Requirement – 42 credits:

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<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>FNCE 113</td>
<td>Introduction to Quantitative Decision-Making</td>
<td>3</td>
</tr>
<tr>
<td>MATH 114</td>
<td>Elementary Calculus I</td>
<td>3</td>
</tr>
<tr>
<td>MATH 112</td>
<td>Calculus with Business Applications</td>
<td>3</td>
</tr>
<tr>
<td>MATH 120</td>
<td>Basic Linear Algebra I</td>
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<tr>
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<td>Non-Business Electives</td>
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<tr>
<td>Open Electives</td>
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</table>
# HUMAN RESOURCES MANAGEMENT

**MAJOR**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>HRMT 200</td>
<td>Management of Human Resources</td>
<td>3</td>
</tr>
<tr>
<td>HRMT 314</td>
<td>Recruitment &amp; Selection</td>
<td>3</td>
</tr>
<tr>
<td>HRMT 316</td>
<td>Total Compensation Management</td>
<td>3</td>
</tr>
<tr>
<td>HRMT 318</td>
<td>Learning &amp; Development</td>
<td>3</td>
</tr>
<tr>
<td>HRMT 412</td>
<td>Labour and Employee Relations</td>
<td>3</td>
</tr>
<tr>
<td>HRMT 475</td>
<td>Health, Safety and Wellness</td>
<td>3</td>
</tr>
<tr>
<td>LEGL 312</td>
<td>Legal Issues in the Workplace</td>
<td>3</td>
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</table>

**Option Requirement – three credits from the following:**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HRMT 331</td>
<td>Pension and Benefits Plans</td>
<td>3</td>
</tr>
<tr>
<td>HRMT 498</td>
<td>Independent Studies in Human Resources Management</td>
<td>3</td>
</tr>
<tr>
<td>INTB 311</td>
<td>Diversity and Intercultural Communication</td>
<td>3</td>
</tr>
<tr>
<td>ORGA 314</td>
<td>Managing Negotiation</td>
<td>3</td>
</tr>
<tr>
<td>ORGA 433</td>
<td>Managing Change</td>
<td>3</td>
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</tbody>
</table>

**Elective Requirements – 39 credits:**

Business Electives - Six credits; recommended to choose three credits from the following:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUSN 330</td>
<td>Project Management</td>
<td>3</td>
</tr>
<tr>
<td>ORGA 310</td>
<td>Advanced Leadership Topics and Issues</td>
<td>3</td>
</tr>
<tr>
<td>ORGA 330</td>
<td>Managerial Skill Development</td>
<td>3</td>
</tr>
<tr>
<td>ORGA 410</td>
<td>Business Consulting</td>
<td>3</td>
</tr>
<tr>
<td>ORGA 422</td>
<td>Contemporary Issues in Management</td>
<td>3</td>
</tr>
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<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td></td>
<td>Non Business Electives</td>
<td>21</td>
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<tr>
<td></td>
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</table>

# INTERNATIONAL BUSINESS

**MAJOR**

**Business Requirement – 18 credits:**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTB 300</td>
<td>Introduction to International Business</td>
<td>3</td>
</tr>
<tr>
<td>INTB 311</td>
<td>Diversity and Intercultural Communication</td>
<td>3</td>
</tr>
<tr>
<td>INTB 412</td>
<td>Managing in an International Environment</td>
<td>3</td>
</tr>
<tr>
<td>MARK 403</td>
<td>International Marketing</td>
<td>3</td>
</tr>
<tr>
<td>FNCE 404</td>
<td>International Finance</td>
<td>3</td>
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Choose three credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTB 312</td>
<td>Conducting Business in Asia</td>
<td>3</td>
</tr>
<tr>
<td>INTB 313</td>
<td>Business in Regional World Markets</td>
<td>3</td>
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</table>

**Non Business Requirements – six credits:**

Choose three credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>HIST 210</td>
<td>Modern European History: 1789 - Present</td>
<td>3</td>
</tr>
<tr>
<td>HIST 251</td>
<td>American History Since 1865</td>
<td>3</td>
</tr>
<tr>
<td>HIST 281</td>
<td>Asia Since A.D. 1500</td>
<td>3</td>
</tr>
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# INTERNATIONAL BUSINESS

**MAJOR - HONOURS DESIGNATION**

**Business Requirement - 18 Credits:**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTB 300</td>
<td>Introduction to International Business</td>
<td>3</td>
</tr>
<tr>
<td>INTB 311</td>
<td>Diversity and Intercultural Communication</td>
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</tr>
<tr>
<td>INTB 412</td>
<td>Managing in an International Environment</td>
<td>3</td>
</tr>
<tr>
<td>MARK 403</td>
<td>International Marketing</td>
<td>3</td>
</tr>
<tr>
<td>FNCE 404</td>
<td>International Finance</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose three credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>INTB 312</td>
<td>Conducting Business in Asia</td>
<td>3</td>
</tr>
<tr>
<td>INTB 313</td>
<td>Business in Regional World Markets</td>
<td>3</td>
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</tbody>
</table>

**Non Business Requirements - six credits:**

Choose three credits – International Modern World History Course:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 210</td>
<td>Modern European History: 1789 - Present</td>
<td>3</td>
</tr>
<tr>
<td>HIST 251</td>
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</tr>
<tr>
<td>HIST 281</td>
<td>Asia Since A.D. 1500</td>
<td>3</td>
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</table>

Choose three credits – International Political Science Course:

<table>
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<tbody>
<tr>
<td>POLS 261</td>
<td>Asia Pacific Political Systems</td>
<td>3</td>
</tr>
<tr>
<td>POLS 263</td>
<td>Issues in Global Politics</td>
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**Honours Designation Requirements – 15 credits:**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUSN 396</td>
<td>Advanced Quantitative Research Methods for Business</td>
<td>3</td>
</tr>
<tr>
<td>BUSN 397</td>
<td>Advanced Qualitative Research Methods for Management</td>
<td>3</td>
</tr>
<tr>
<td>BUSN 496</td>
<td>Senior Honours Seminar</td>
<td>3</td>
</tr>
<tr>
<td>INTB 499</td>
<td>Honours Thesis - International Business</td>
<td>3</td>
</tr>
<tr>
<td>Senior 4XX</td>
<td>As approved by faculty advisor</td>
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### Options Requirement - Choose nine credits:

<table>
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<tbody>
<tr>
<td></td>
<td>International Business Course</td>
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<tr>
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<td>Language Other Than English</td>
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### Elective Requirement - 15 credits:

<table>
<thead>
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<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
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<td>Non-Business Electives</td>
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### MANAGEMENT

#### MAJOR

### Business Requirement – 21 credits:

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<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>INTB 311</td>
<td>Diversity and Intercultural Communication</td>
<td>3</td>
</tr>
<tr>
<td>ORGA 310</td>
<td>Advanced Leadership Topics and Issues</td>
<td>3</td>
</tr>
<tr>
<td>ORGA 314</td>
<td>Managing Negotiation</td>
<td>3</td>
</tr>
<tr>
<td>ORGA 330</td>
<td>Managerial Skill Development</td>
<td>3</td>
</tr>
<tr>
<td>ORGA 410</td>
<td>Business Consulting</td>
<td>3</td>
</tr>
<tr>
<td>ORGA 422</td>
<td>Contemporary Issues in Management</td>
<td>3</td>
</tr>
<tr>
<td>ORGA 433</td>
<td>Managing Change</td>
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### Elective Requirement – 42 credits:

<table>
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<tbody>
<tr>
<td></td>
<td>Business Electives</td>
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<tr>
<td></td>
<td>Non-Business Electives</td>
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<tr>
<td></td>
<td>Open Electives</td>
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</table>

### MANAGEMENT

#### MAJOR – HONOURS DESIGNATION

### Business Requirement - 21 Credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>INTB 311</td>
<td>Diversity and Intercultural Communication</td>
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<tr>
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<td>Advanced Leadership Topics and Issues</td>
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</tr>
<tr>
<td>ORGA 314</td>
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<td>3</td>
</tr>
<tr>
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<td>Business Consulting</td>
<td>3</td>
</tr>
<tr>
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<td>Contemporary Issues in Management</td>
<td>3</td>
</tr>
<tr>
<td>ORGA 433</td>
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### Honours Designation Requirements - 15 Credits

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BUSN 396</td>
<td>Advanced Quantitative Research Methods for Business</td>
<td>3</td>
</tr>
<tr>
<td>BUSN 397</td>
<td>Advanced Qualitative Research Methods for Management</td>
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<tr>
<td>BUSN 496</td>
<td>Senior Honours Seminar</td>
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<tr>
<td>ORGA 499</td>
<td>Honours Thesis - Management</td>
<td>3</td>
</tr>
<tr>
<td>Senior 4XX</td>
<td>As approved by faculty advisor</td>
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### Elective Requirement - 27 Credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Non-Business Electives</td>
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### MARKETING

#### MAJOR

### Course ID | Course Name                                | Credits |
<table>
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<tr>
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</thead>
<tbody>
<tr>
<td>MARK 310</td>
<td>Consumer Behaviour</td>
<td>3</td>
</tr>
<tr>
<td>MARK 312</td>
<td>Marketing Research</td>
<td>3</td>
</tr>
<tr>
<td>MARK 314</td>
<td>Marketing Metrics</td>
<td>3</td>
</tr>
<tr>
<td>MARK 403</td>
<td>International Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MARK 440</td>
<td>Strategic Marketing - Research to Practice</td>
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### Option Requirement – choose six credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MARK 412</td>
<td>Service Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MARK 414</td>
<td>Electronic Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MARK 416</td>
<td>Business to Business Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MARK 418</td>
<td>Personal Selling and Sales Management</td>
<td>3</td>
</tr>
<tr>
<td>MARK 420</td>
<td>Product Management</td>
<td>3</td>
</tr>
<tr>
<td>MARK 498</td>
<td>Independent Studies in Marketing</td>
<td>3</td>
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### Elective Requirement – 42 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Business Electives</td>
<td>6</td>
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<tr>
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<td>Open Electives</td>
<td>15</td>
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</table>

#### MARKETING

#### MAJOR – HONOURS DESIGNATION

### Course ID | Course Name                                | Credits |
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
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<tr>
<td>MARK 440</td>
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### Option Requirement - Choose Six Credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
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</thead>
<tbody>
<tr>
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### Honours Designation Requirements - 15 Credits

<table>
<thead>
<tr>
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</thead>
<tbody>
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<td>BUSN 396</td>
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<tbody>
<tr>
<td></td>
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<td>21</td>
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<tr>
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SUPPLY CHAIN MANAGEMENT

MAJOR

Business Requirement – 24 credits:

<table>
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<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>SCMT 205</td>
<td>Introduction to e-Business</td>
<td>3</td>
</tr>
<tr>
<td>SCMT 305</td>
<td>Transportation Management</td>
<td>3</td>
</tr>
<tr>
<td>SCMT 307</td>
<td>Principles of Quality Management</td>
<td>3</td>
</tr>
<tr>
<td>SCMT 320</td>
<td>Production Planning and Scheduling</td>
<td>3</td>
</tr>
<tr>
<td>SCMT 322</td>
<td>Business Logistics Management</td>
<td>3</td>
</tr>
<tr>
<td>SCMT 324</td>
<td>Purchasing and Supply Management</td>
<td>3</td>
</tr>
<tr>
<td>SCMT 403</td>
<td>Supply Chain Planning and Coordination</td>
<td>3</td>
</tr>
<tr>
<td>SCMT 407</td>
<td>Global Sourcing and Logistics</td>
<td>3</td>
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</tbody>
</table>

Choose six credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUSN 330</td>
<td>Project Management</td>
<td>3</td>
</tr>
<tr>
<td>SCMT 404</td>
<td>e-Business Execution</td>
<td>3</td>
</tr>
<tr>
<td>SCMT 408</td>
<td>Business Negotiations and Supplier Management</td>
<td>3</td>
</tr>
<tr>
<td>SCMT 425</td>
<td>Supply Chain Process Management</td>
<td>3</td>
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Elective Requirement – 33 credits:

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<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td></td>
<td>Business Electives</td>
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<td></td>
<td>Non-Business Electives</td>
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</tr>
<tr>
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<td>Open Electives</td>
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</tbody>
</table>

HONOURS ADMISSION

HONOURS IN MANAGEMENT – ADMISSION REQUIREMENTS

Students must present the following to be eligible to apply to the Honours in Management Designation.
1. Completed 45 credits in the Bachelor of Commerce degree
2. Completed a minimum of 2 courses from the Management Major Requirements
3. Present a combined average final grade of 3.3 in the courses from point #2

Note: Entry is competitive and dependent on department resources – satisfying the minimum requirements does not guarantee admission.

HONOURS IN MARKETING – ADMISSION REQUIREMENTS

Students must present the following to be eligible to apply to the Honours in Marketing Designation.
1. Completed 45 credits in the Bachelor of Commerce degree
2. Completed a minimum of 2 courses from the Marketing Major Requirements
3. Present a combined average final grade of 3.3 in the courses from point #2

Note: Entry is competitive and dependent on department resources – satisfying the minimum requirements does not guarantee admission.

HONOURS IN INTERNATIONAL BUSINESS – ADMISSION REQUIREMENTS

Students must present the following to be eligible to apply to the Honours in International Business Designation.
1. Completed 45 credits in the Bachelor of Commerce degree
2. Completed a minimum of 2 courses from the International Business Major Requirements
3. Present a combined average final grade of 3.3 in the courses from point #2

Note: Entry is competitive and dependent on department resources – satisfying the minimum requirements does not guarantee admission.

PROGRAM OF STUDY - BACHELOR OF COMMERCE HONOURS DESIGNATION

Bachelor of Commerce Honours students complete their program in 120 credits as do all Bachelor of Commerce students. They fulfill the requirements of the Honours Designation by taking 15 credits of Honours programming for their elective courses.

BACHELOR OF COMMERCE HONOURS DESIGNATION INFORMATION (PLANNED IMPLEMENTATION 2018/19)

The Bachelor of Commerce Honours Designation program provides eligible students with the opportunity to pursue more intensive study and research in their chosen field which may be of benefit to students considering graduate studies or a research-related position in business. There are three Honours disciplines offered: Management, Marketing and International Business.

GENERAL SELECTION CRITERIA FOR HONS DISCIPLINES

For consideration into Honours disciplines, students must present the following:
1. Completion of a minimum of 45 credits applicable to the degree with a GPA of 3.0 or better;
2. Completion of a minimum of 6 credits at the senior level in the major required courses with a grade point average of 3.3 in all the courses completed in the discipline of study.

Students interested in one of the Honours disciplines are encouraged to request a Program Check from the School of Business Student Program Services Office. Note that entry into an Honours discipline is competitive; satisfying the minimum requirements may not guarantee admission. Admission is also dependent on the availability of an appropriate faculty supervisor for the thesis. For more information, contact: Gordon Lucyk, Associate Dean - Students at 780-497-5236 or email lucykgs@macewan.ca.
BACHELOR OF COMMERCE

HONOURS DESIGNATION REQUIREMENTS:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUSN 396</td>
<td>Advanced Quantitative Research Methods for Business (first planned offering Fall 2018)</td>
</tr>
<tr>
<td>BUSN 397</td>
<td>Advanced Qualitative Research Methods for Business (first planned offering Fall 2018)</td>
</tr>
<tr>
<td>BUSN 496</td>
<td>Senior Honours Seminar (first planned offering Winter 2019)</td>
</tr>
<tr>
<td>INTB 499, MARK 499, or ORGA 499</td>
<td>Honours Thesis (first planned offering Winter 2019)</td>
</tr>
<tr>
<td>Senior 4XX</td>
<td>A senior four hundred level course as determined and approved by the Faculty Advisor</td>
</tr>
</tbody>
</table>

BACHELOR OF COMMERCE COOPERATIVE EDUCATION PROGRAMMING

The co-operative education program component is competitive as there are limited co-op placements. Students interested in this program are encouraged to speak with an advisor and visit the website for up-to-date information: MacEwan.ca/bcom.

DEGREE REGULATIONS

Students are strongly encouraged to seek advice from the academic advisors about program planning, whether for completing degree requirements at MacEwan University or for transfer to another post-secondary institution.

ACADEMIC RESIDENCY – CREDIT REQUIREMENTS

Further to the Academic Residency regulation requirement, Policy C2100, the Bachelor of Commerce program requires that the 60 credits must include a minimum of 12 credits in a major with six of those completed at the 400 level.

CORE AND MAJOR REQUIREMENTS

The Bachelor of Commerce program consists of 120 credits. The core program requirements include 57 credits, comprised of 39 business credits and 18 non-business credits. Each major includes 63 credits of specific coursework requirements. Refer to the Program of Study for specifics.

DECLARATION OF MAJOR

Students are required to declare a major by the completion of 60 credits. Students are strongly encouraged to consult with an advisor prior to declaration of their major. If students change their major following their declaration, additional coursework may be necessary to fulfill the requirements of the new major.

ELECTIVES AND OPTIONS

The majors have specific requirements for elective and option credits. These are listed in each major’s program of study. The four categories are:

1. Options – a choice of courses from a list specified in the requirements for each major
2. Business Electives – a choice of any baccalaureate level course from the School of Business which is not a required core or major course in the student’s chosen major
3. Non-Business Electives – a choice of any baccalaureate level course outside the School of Business which is not a required core or major course in the student’s chosen major
4. Open Electives – a choice of any baccalaureate level course which is not a required core or major course in the student’s chosen major

INTERNATIONAL CONTENT REQUIREMENT

Students must take at least six credits of international content selected from a list of approved courses. Courses used to fulfill any of the degree requirements may also be used to satisfy the International Content requirement.

MAXIMUM 100 LEVEL COURSES

A maximum of 39 credits at the 100-level are permitted in completion of the Bachelor of Commerce degree. Additional credits at the 100 level will be declared extra to the degree. The required 100 level language credits for students in the International Business major are exempt from this limit.

PROGRESSION OF STUDIES

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfill Bachelor of Commerce program requirements.

COOPERATIVE EDUCATION DEGREE REGULATIONS

All students who apply and are accepted into the Cooperative Education stream will be subject to MacEwan Policy C2065 Cooperative Education and the Bachelor of Commerce Cooperative Education Degree Regulations.

APPLYING TO THE COOPERATIVE EDUCATION STREAM

Once students are admitted to the Bachelor of Commerce program and meet eligibility criteria for the Cooperative Education Stream they may apply. International students are eligible to apply but are responsible for obtaining any visas or work permits that are required.
WITHDRAWAL FROM THE COOPERATIVE EDUCATION STREAM

A student who fails to report to a work placement, or is dismissed from a work placement, may be assigned a failing grade for that work placement. Any student who leaves a work placement without university approval will receive a failing grade for the work placement and may be prohibited by the Chair or delegate from continuing in the Cooperative Education Stream. The university reserves the right, at any point during the work placement, to remove a student from situations in which students, clients, or other individuals are placed at risk, or when the student engages in behaviour that is contrary to the professional requirements of the work placement.

ADDITIONAL CORE REQUIREMENTS

All co-op students must complete the following four courses in addition to the 120 credits required to graduate from the Bachelor of Commerce degree:

- COOP 290 Co-op Pre-Employment Seminar
- COOP 295 Co-operative Education: First Work Experience (480 hours)
- COOP 395 Co-operative Education: Second Work Experience (480 hours)
- COOP 495 Co-operative Education: Third Work Experience (480 hours)

As part of these courses students will create learning objectives, complete a work placement report and be evaluated by their employer.

Prior to the start of a work placement students are required to sign a declaration stating that they have read and understood their responsibilities to both their employer and the university.

WORK PLACEMENTS AND TIMING

Each work placement will consist of a minimum of 480 hours of paid employment in a job that is relevant to the student’s program. The student must have no more than two academic terms remaining when the final work placement is completed; and the student’s last term in the program must be an academic term.

Students benefit from their work placement experience by being exposed to the work setting in more than one season of the year. They are strongly encouraged to choose work terms in more than one season, unless it can be demonstrated that their work is of a purely seasonal nature.

COURSE LOAD DURING FULL-TIME CO-OP WORK TERMS

Co-op work and study are designed to be engaged in full time. Students may not be enrolled in any other credit coursework concurrently when registered in a Co-op work term. This regulation applies to students registered in any one of COOP 295, COOP 395 or COOP 495.

Under certain circumstances, students may obtain consent to register in one, three-credit course for which credit can be recognized in the MacEwan University Bachelor of Commerce degree, while registered in one of the three COOP work experience courses. Students will submit a written request to the attention of the department chair (or delegate), c/o BCom, student services, explaining compelling reasons to enroll while on Co-op work term. Submissions must be hand delivered, dated and signed by the student. Permissions may be granted based on individual circumstance. If students register in course(s) while being registered in one of COOP 295, COOP 395 or COOP 495 without obtaining written consent, they will be automatically removed from the Co-op placement.

RESPONSIBILITY FOR OBTAINING A WORK PLACEMENT

The university will facilitate the assignment of students in work placements. However, students are ultimately responsible for finding their own work placements, and all work placements must be approved by the University. The University cannot guarantee students’ co-op employment, because labour market conditions are variable and beyond university control. A student’s failure to find a work placement may result in the student being required to withdraw from the Co-op stream.

GRADE POINT AVERAGE (GPA) REQUIREMENTS

The student must maintain good academic standing (a grade point average of at least 2.0) to enrol in co-op work placements. Failure to maintain a minimum GPA of 2.0 will result in the student being withdrawn from the Co-op stream.

CONTACT INFORMATION

T: 780-497-5162
E: bcom@macEwan.ca
BACHELOR OF COMMUNICATION STUDIES

Facility of Fine Arts and Communications
MacEwan.ca/CommunicationDegree

In our fast-paced world of evolving and conventional media, communication is key to interpersonal, organizational and career success. The Bachelor of Communication Studies (BCS) program provides students with the core skills of effective communication, combined with career specialization in two majors: professional communication and journalism. The courses in the majors offer depth and rigour, supported by a liberal arts framework that provides breadth, specialization and choice. The field is forward-looking, and so is this program of studies.

Years one and two include common coursework for both professional communication and journalism majors that builds a foundation in rhetoric, language and composition, visual communication, communication theory and research methods. Years three and four provide specialization in editing, strategic communication or technical communication (in the professional communication major), or in news gathering and digital media production (in the journalism major).

Year three includes an ethical practice and portfolio course, followed by a professional field placement. Students conclude year four with skills, experience and practical proof of their communication competency.

The Bachelor of Communication Studies program prepares students for strategic roles in business, traditional and new media, not-for-profit and public sector organizations: wherever clear, correct and effective messages are valued. Confident in research methodology and contemporary communication theory, students are also ready for graduate studies in communication or a related field.

CAREER POTENTIAL
Graduates of MacEwan University’s Bachelor of Communication Studies degree will have competency in critical problem solving, global awareness and cultural sensitivity, creativity, information and research literacy, and ethical and professional practice. These competencies will bring career success in a variety of positions – writer, editor, researcher, journalist, reporter, marketer, client or community relations practitioner, communications advisor, communications coordinator, public information officer, producer, social media contact, reviewer, analyst, commentator – and in many roles that have yet to be created. In 2011, Statistics Canada reported a healthy demand for employment in the information and communication fields, and in 2010, the Government of Alberta reported that hiring is robust for journalists and good for writers and editors.

TRANSFERABILITY

INTERNAL OPPORTUNITIES
Graduates of the following MacEwan University programs may be granted credit towards the Bachelor of Communication Studies degree:
- Arts and Cultural Management diploma
- Journalism diploma
- Professional Writing diploma and applied degree
- Public Relations diploma

Graduates of the Bachelor of Communication Studies degree (all majors) may receive up to 30 credits to the Arts and Cultural Management diploma. Students are advised to consult a program advisor for specific admission requirements.

EXTERNAL TRANSFER
All courses completed for the Bachelor of Communication Studies degree are credit courses and may be transferable individually toward further study at other Alberta institutions. For current, detailed information on individual course transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION
Applicants may be admitted to one of the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:
1. ELA 30-1
2. Four subjects from Group A, B, C, or D

Notes:
- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.
MATURE ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicant must have the following:

• ELA 30-1 with a minimum grade of 65 per cent (or equivalent)

OR

• Six credits of university-level English with a minimum grade of C-

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

PREVIOUS POST-SECONDARY WORK

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

• A minimum of 24 credits of university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular Admission category.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Applicants must complete a writing assessment.

• Writing Assessment – Applicants must achieve a minimum grade of 65 per cent on this written assessment.

Note: Graduates of MacEwan University Bachelor of Applied Communications in Professional Writing, Diploma in Professional Writing and Journalism programs will not be required to write the program’s writing assessment.

PROGRAM OF STUDY

Core Courses

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCSC 100</td>
<td>Grammar and Composition Foundations</td>
<td>3</td>
</tr>
<tr>
<td>BCSC 101</td>
<td>Communication and Human Interaction</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 102</td>
<td>Analysis and Argument</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 103</td>
<td>Introduction to Literature</td>
<td>3</td>
</tr>
<tr>
<td>BCSC 102</td>
<td>Introduction to Visual Communication</td>
<td>3</td>
</tr>
<tr>
<td>BCSC 200</td>
<td>Communication Theory</td>
<td>3</td>
</tr>
<tr>
<td>BCSC 202</td>
<td>Online Communication</td>
<td>3</td>
</tr>
<tr>
<td>BCSC 203</td>
<td>Introduction to Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>BCSC 301</td>
<td>Communication Law</td>
<td>3</td>
</tr>
<tr>
<td>BCSC 302</td>
<td>Multimedia Authoring</td>
<td>3</td>
</tr>
<tr>
<td>BCSC 306</td>
<td>Ethical Practice and Portfolio</td>
<td>3</td>
</tr>
<tr>
<td>BCSC 398</td>
<td>Professional Field Placement</td>
<td>3</td>
</tr>
<tr>
<td>BCSC 411</td>
<td>Advanced Research Methods</td>
<td>3</td>
</tr>
</tbody>
</table>

General Education Core Requirements

<table>
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<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Humanities</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Social Sciences</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>Sciences</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Fine Art/Performing Arts</td>
<td>6</td>
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</tbody>
</table>

JOURNALISM

MAJOR

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCSC 201</td>
<td>Foundations of Journalism</td>
<td>3</td>
</tr>
<tr>
<td>BCSC 210</td>
<td>Introduction to News Reporting</td>
<td>3</td>
</tr>
<tr>
<td>BCSC 313</td>
<td>Intermediate News Reporting</td>
<td>3</td>
</tr>
<tr>
<td>BCSC 320</td>
<td>Canadian Press and Society</td>
<td>3</td>
</tr>
<tr>
<td>BCSC 327</td>
<td>Journalism in the Digital Age</td>
<td>3</td>
</tr>
<tr>
<td>BCSC 420</td>
<td>Online News Production: News Production Workshop</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Advanced News Reporting</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Option Courses</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td>Elective Courses - Any 100 - 400 University level courses (minimum 1 Senior level)</td>
<td>9</td>
</tr>
</tbody>
</table>

PROFESSIONAL COMMUNICATION

MAJOR

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCSC 204</td>
<td>Foundations in Sustainability Communication</td>
<td>3</td>
</tr>
<tr>
<td>BCSC 215</td>
<td>Applied Communications</td>
<td>3</td>
</tr>
<tr>
<td>BCSC 216</td>
<td>Professional Communication</td>
<td>3</td>
</tr>
<tr>
<td>BCSC 253</td>
<td>Classical and Modern Rhetoric</td>
<td>3</td>
</tr>
<tr>
<td>BCSC 310</td>
<td>Strategic Communication Planning</td>
<td>3</td>
</tr>
<tr>
<td>BCSC 400</td>
<td>Intercultural Communication</td>
<td>3</td>
</tr>
<tr>
<td>BCSC 417</td>
<td>Professional Practice</td>
<td>3</td>
</tr>
<tr>
<td>BCSC 418</td>
<td>Organizational Communication Theory</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Option Courses</td>
<td>24</td>
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<tr>
<td></td>
<td>Elective Courses - Any 100 - 400 University level courses (minimum 1 senior level)</td>
<td>6</td>
</tr>
</tbody>
</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.
DEGREE REGULATIONS
Students are strongly encouraged to seek advice from a faculty or university advisor about fulfilling these degree requirements.

DECLARATION OF A MAJOR
Students are required to declare a major at the time of application into the Bachelor of Communication Studies degree.

GENERAL EDUCATION REQUIREMENT
Students complete 27 credits of general education classes as outlined in the program of study and general education requirements must be baccalaureate level coursework. A minimum of nine credits must be senior level courses.

CORE FIELD PLACEMENT REQUIREMENTS
All program students must successfully complete BCSC 398, which is a three-credit, full-time or part-time field placement, after successfully completing at least 84 out of 120 credits required for the degree. The program will assist students in finding field placement opportunities; however, students are ultimately responsible for securing their own work placements, and all placements must be approved by the program.

JUNIOR- AND SENIOR-LEVEL COURSES
Courses numbered from 100 to 199 are considered junior level and courses numbered from 200 to 499 are considered senior level.

SENIOR-LEVEL COURSEWORK REQUIREMENTS
A minimum of 72 credits of the total 120 program credits must be at the senior level. Additional courses at the 100-level will be declared extra to the 120 credits required to complete the degree and will not be counted toward fulfillment of graduation requirements.

OPTIONS REQUIREMENTS
Students are required to complete either 24 credits (Professional Communication major) or 21 credits (Journalism major) of options courses. Students must select from a list of BCSC option courses designed for each major. Not all option courses are offered each term or year. These courses must be at the baccalaureate level.

ELECTIVES REQUIREMENTS
Students in the Professional Communication Major are required to complete six credits of electives, of which three credits must be at a senior-level. Students in the Journalism Major are required to complete nine credits of electives, of which three credits must be at a senior-level. Selections can be from the approved list of electives for the Bachelor of Communication Studies. Students are strongly encouraged to consult with their university advisor before confirming electives.

CHANGING MAJORS
Students declaring a change of major are governed by the program of study and the graduation requirements of the specific major (Professional Communication or Journalism). Students who declare a change of major up to and including the last day to withdraw from Winter term courses without academic penalty are bound by the requirements of the current academic year. Students who declare a change of major after this date are bound by the program of study and graduation requirements of the upcoming academic year as published in the academic calendar.

PROGRESSION OF STUDIES
Students are responsible for ensuring they fulfill the prerequisite and/or co-requisite requirements of courses taken to complete the Bachelor of Communication Studies degree.

CONTACT INFORMATION
Joyce Nethercote, University Advisor
T: 780-497-5614
E: communicationdegree@macewan.ca
BACHELOR OF MUSIC ON JAZZ AND CONTEMPORARY POPULAR MUSIC

Faculty of Fine Arts and Communications
MacEwan.ca/Music

The Bachelor of Music (B.Mus.) focuses on the study of jazz and contemporary popular music and responds to the current demands of the industry and combines a high degree of professionalism along with the academic rigour required for further education at the graduate level. The opportunity to study with internationally renowned professionals while pursuing a challenging academic curriculum will give you the skills, insights, competency and credentials to pursue a career as a performer, creator and leader in the evolving music industry.

YEAR 1
All music students share a common curriculum in the first year that focuses on individual study (voice, piano, guitar, bass, drums, winds or strings), performance, theory (jazz and traditional), aural skills, and musicology.

YEARS 2-4
After successful completion of the first year, students pursue a major route (specialized program of study).

Major routes include: Performance, Composition and General. Students following the four-year General route also have the opportunity to pursue one of two unique minors: Music Technology and Production, or Music Career Management.

Further, students can also obtain a diploma credential after completing their second year.

CAREER POTENTIAL
The Department of Music has been training some of Canada’s most talented musicians for more than 40 years. The B.Mus. prepares students for the music profession and for further studies at the graduate level. Graduates have gone on to successful careers as songwriters, performers, accompanists, arrangers, composers, recording engineers and producers, record distributors, sound technicians, educators and academics. The Department of Music has a world-class faculty that includes highly skilled performers, creators, educators and academics, many of whom hold doctorates and master’s degrees in music as well as a variety of regional, national and international awards.

TRANSFERABILITY
All credit courses may be transferable individually toward further study at other Alberta institutions. For current, detailed information on individual course and certificate transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION
Applicants may be admitted to one of the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:
1. ELA 30-1 or 75 percent in ELA 30-2
2. Four subjects from Group A, B, C, or D courses

Notes:
• Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
• A maximum of two Group B subjects may be presented; they must be from different disciplines.
• A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

MATURE ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicant must have the following:

• ELA 30-1 with a minimum grade of 65 percent (or equivalent)
OR
• Six credits of university-level English with a minimum grade of C-

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

PREVIOUS POST-SECONDARY WORK
To be evaluated through the Office of the University Registrar
Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following from a recognized institution:

• A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular Admission category.

OR
• A University Music Diploma Program or equivalent
PROBATIONARY ADMISSION

To be evaluated through the Program

This admission category will only be used if the program is not filled by Regular, Mature or Previous Post-Secondary applicants.

A limited number of probationary admissions may be granted to applicants with an Admission Grade Point Average (AGPA) less than 2.0 on a 4.0 scale. These applicants will be placed on probation.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency
   To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria
   To be evaluated through the Program Office

Applicable to all admission categories

All applicants must audition.

Limited space is available, and not all applicants who are eligible may be admitted. When admission becomes competitive, performance in the audition is the primary criterion for admission. Applicants must also be aware that admission for any category is limited based on the availability of spaces for the principal instrument.

PROGRAM OF STUDY

<table>
<thead>
<tr>
<th>Program Element</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1 Core</td>
<td>Music (30); Non Music (6)</td>
<td>36</td>
</tr>
<tr>
<td>Years 2-4 Majors</td>
<td>Composition Performance General General, minor in Music Career Management General, minor in Music Technology and Production (including electives)</td>
<td>92</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>128</td>
</tr>
</tbody>
</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

CORE COURSES

YEAR I

Term I

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 102</td>
<td>Analysis and Argument</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MUSC 103</td>
<td>Theory I: Introduction to Music</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MUSC 111</td>
<td>Ear Training I</td>
<td>3</td>
<td></td>
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Term II

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COMPOSITION

MAJOR

YEAR II

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<td>Scoring for Film and Other Visual Media</td>
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**Music Technology Options:**

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**Other Options:**

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**Note:** Two terms of Performance Ensemble (MUSC 498 & 499) may replace one 3 cr MUSC option

**GENERAL**

**MAJOR**

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Students must take a minimum of 3 credits in Music Technology Option and 3 Credits in Music Career Management Options

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**Note:** Two terms of Performance Ensemble (MUSC 498 & 499) may replace one 3 cr MUSC option

**Note:** Not all option courses are offered in every year

### GENERAL MAJOR – MUSIC CAREER MANAGEMENT MINOR

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#### YEAR III

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Students must take 6.00 credits in Music Career Management Options

#### YEAR IV

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Students must take 3 credits in Music Technology Options and 3 credits in Music Career Management Options
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**Note:** Two terms of Performance Ensemble (MUSC 498 & 499) may replace one 3 cr MUSC option.

**Note:** Not all option courses are offered in every year.

### GENERAL MAJOR MUSIC – TECHNOLOGY AND PRODUCTION MINOR

#### YEAR II

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#### YEAR III

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**Note:** Two terms of Performance Ensemble (MUSC 498 & 499) may replace one 3 cr MUSC option.

**Note:** Not all option courses are offered in every year.

### YEAR IV

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**Note:** Two terms of Performance Ensemble (MUSC 498 & 499) may replace one 3 cr MUSC option.

**Note:** Not all option courses are offered in every year.

Students must take 3 credits in Music Career Management Options in Year IV in addition to other Option credits.

### Music Options:

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**Note:** Two terms of Performance Ensemble (MUSC 498 & 499) may replace one 3 cr MUSC option.

**Note:** Not all option courses are offered in every year.
### PERFORMANCE

#### MAJOR

##### YEAR II

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##### YEAR III

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Note: Not all Option courses are offered in every year.

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<td>3</td>
<td></td>
</tr>
<tr>
<td>MUSC 366</td>
<td>Introduction to the Recording Studio</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MUSC 465</td>
<td>Applications in Music Technology II</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MUSC 467</td>
<td>Recording Studio Production</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MUSC 468</td>
<td>Acoustics and the Science of Musical Instruments</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

### Music Career Management Options:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSC 362</td>
<td>The Business of Music</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>AGAD 201</td>
<td>Advocacy in the Cultural Sector</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>AGAD 225</td>
<td>Performing Arts Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>AGAD 226</td>
<td>Museum/Gallery Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>AGAD 227</td>
<td>Managing in the Music Industry</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MUSC 476</td>
<td>Health Issues and the Professional Musician</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

### Other Options:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSC 207</td>
<td>Songwriting I</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MUSC 208</td>
<td>Songwriting II</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MUSC 253</td>
<td>Live Sound Reinforcement I</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MUSC 254</td>
<td>Live Sound Reinforcement II</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MUSC 380</td>
<td>Directed Project</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MUSC 482</td>
<td>Independent Study</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

Note: Not all Option courses are offered in every year.

### DEGREE REGULATIONS

Students are strongly encouraged to seek advice from a faculty or university advisor about fulfilling these degree requirements.
DECLARATION OF A MAJOR AND MINOR (CONCENTRATION)

Students are required to declare a major and minor concentration, where applicable, by the time they have successfully completed all Year I core Music requirements per the program of study. Students are required to consult with the appropriate section head and program university advisors in determining their major or minor choice.

Students who declare a General major and choose to declare a minor in either Music Technology and Production or Music Career Management must successfully complete 18 credits in their minor area.

GRADUATION RECITALS – PERFORMANCE AND COMPOSITION MAJORS

Students in the Performance and Composition majors must undertake juried public graduation recitals in the fourth year of their program.

• The Performance major recital involves a program of works performed on the major (principal) instrument in ensemble and solo settings that demonstrates the student’s technical ability, musicality, creativity, professionalism, comprehension of jazz and contemporary popular genres and styles, and comprehension of other contemporary and near-contemporary genres and styles.

• Students in the Performance major must also successfully complete an area examination in preparation for their graduation recital.

• The Composition major recital involves a program of original works and arrangements for a variety of instruments (ensemble and solo, instrumental and vocal) that demonstrates the student’s technical ability, musicality, creativity, professionalism, comprehension of jazz and contemporary popular genres and styles, and comprehension of other contemporary and near-contemporary genres and styles.

The proposed program of works intended to fulfill the Composition and Performance graduation recital requirements must receive prior approval from the appropriate section head.

Graduation recitals for the Performance and Composition majors are graded as credit/non-credit. For Performance majors, failure to complete this requirement also constitutes a failure in Principal Instrument VIII.

PERFORMANCE ENSEMBLES

All students must participate in required Performance Ensembles as noted in the Programs of Study. The Performance Ensemble requirement for Year I Core and Year II all Majors (Fall & Winter terms) are 0 (zero) credit. The Performance Ensemble requirement for Year III all majors (Fall & Winter terms) are 1 credit, and Year IV (Performance Major or as Music Option, Fall & Winter terms) are 1.5 credits. For all majors, students may choose to participate in a maximum of two performance ensembles per term, but will only earn credit for one ensemble per term. The second Performance Ensemble will be 0 (zero) credit in any term. In order to avoid jeopardy, students may be advised to withdraw from a second Performance Ensemble if the directors detect that the students are overburdened and cannot cope with the additional responsibility.

JUNIOR- AND SENIOR-LEVEL COURSES

Courses numbered from 100 to 199 are considered junior level and courses numbered from 200 to 499 are considered senior level.

ELECTIVE REQUIREMENTS

Elective requirements in each of years II, III and IV of the program must be non-Music, baccalaureate level coursework, with a minimum of 9 credits earned at the senior level for all majors (Performance, Composition, and General). Students are encouraged to consult with the program for guidance on selecting elective courses. Program courses cannot be used to fulfill elective requirements.

MUSIC OPTION REQUIREMENTS

All B.Mus. students must successfully complete one additional Music Technology and Production course beyond the introductory course and one additional Music Career Management course beyond the introductory course, as part of their core requirements. Students must select from a list of MUSC courses to fulfill Music Option requirements in their declared major or minor. Specified Music Option courses may also be required courses in one or more of the program’s majors or minors, therefore, registration priority will be given to students who must take these courses as part of their specific program of study. Students must consult with the program for guidance and availability of Music Option courses prior to registration.

ARTS AND CULTURAL MANAGEMENT (AGAD) COURSES

Students following the General route with a minor in Music Career Management (which requires three Arts and Cultural Management courses defined in the Program of Study), as well as students seeking to use approved Arts and Cultural Management courses as Other Music Options must take MUSC 361 (Introduction to Music Career Management) before entering Arts and Cultural Management (AGAD) courses.

PROGRESSION OF STUDIES

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfill Bachelor of Music program requirements.

DIPLOMA REQUIREMENTS: GENERAL, PERFORMANCE, AND COMPOSITION

Students are eligible for a diploma after the completion of Year II of the B.Mus. degree, by fulfilling the specified number of credits in the following areas: General (66 credits), Performance (69 credits), and Composition (69 credits). In order to claim a diploma, a student must submit an application to graduate.

Students who have obtained the diploma, who are otherwise eligible to do so, may continue with the degree. Obtaining the diploma does not require a student to exit the degree program; however, any student who discontinues registration in degree courses for twelve months will be required to re-apply for admission.

CONTACT INFORMATION

E: musicdegree@macewan.ca
T: 780-497-4436
Carolyn Graber, University Advisor
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Debra Elliot, University Advisor
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T: 780-497-4056
Katie Olsson, University Advisor
E: olssonk@macewan.ca
BACHELOR OF PSYCHIATRIC NURSING

Faculty of Nursing - Department of Psychiatric Nursing
MacEwan.ca/PsychNursingDegree

The Bachelor of Psychiatric Nursing (BPN) builds on the foundation of a diploma in psychiatric nursing. This program is designed for diploma-prepared Registered Psychiatric Nurses (RPNs) who wish to pursue their passion for psychiatric/mental health nursing by further extending their knowledge and skills in their chosen field. The BPN is learner-centred, innovative, and offers a contextually relevant curriculum. The balance between liberal and professional education offers depth and breadth of studies, a global perspective, and an opportunity to enhance knowledge, skills and other professional attributes in such areas as community mental health, child and adolescent psychiatry, the criminal justice system, mental health and addictions, application of therapeutic modalities, nursing research, and leadership. With two intakes per year, opportunities for full- or part-time studies, and delivery through a variety of distance and on-line learning technologies, the 45-credit BPN program facilitates ease of access for RPNs from both urban and rural settings.

CAREER POTENTIAL
MacEwan University Bachelor of Psychiatric Nursing graduates have advanced preparation for employment within complex health care environments. Attainment of a BPN facilitates opportunities for increased scope of practice and professional psychiatric/mental health nursing practice in a broader range of settings, including such areas as community mental health, counselling, family/group therapy, and forensics.

TRANSFERABILITY
The Bachelor of Psychiatric Nursing degree is fully delivered through MacEwan University. All courses completed for the Bachelor of Psychiatric Nursing degree are baccalaureate credit courses and may be transferable individually toward further study at other Alberta institutions. For current, detailed information on individual course transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION
Applicants may be admitted to one of the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must present a Psychiatric Nursing diploma (or equivalent) with an Admission Grade Point Average (AGPA) of 2.3 on a 4.0 scale. In addition, applicants must present:
• Current registration on the practicing register as a Registered Psychiatric Nurse in Canada.
OR
• A current registration as a psychiatric/mental health nurse in another country and be eligible for registration on the practicing register as a Registered Psychiatric Nurse in Canada.

*Provisional Admission – may be assigned to applicants who have completed the academic requirements of a Psychiatric Nursing diploma but have not written the Canadian Registered Psychiatric Nurse Examination. The examination must be successfully completed within the first term of their program.

ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:
1. English Language Proficiency
To be evaluated through the Office of the University Registrar
Applicable to all admission categories
All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

2. Spoken English Proficiency
To be evaluated through the Office of the University Registrar
Applicable to all admission categories
Applicants who speak English as a second language – regardless of citizenship – are required to submit official documents such as high school, post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan’s academic calendar or online at MacEwan.ca/ELP.
3. Other Admission Criteria

To be evaluated through the Program

Applicants offered admission must present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

Applicants who have two or more unsatisfactory academic records from any post-secondary program or institution will not be considered for admission or re-admission to the Program. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation ‘required to withdraw’ or equivalent.

PROGRAM OF STUDY

Term I

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLST 320</td>
<td>Health and Society</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>HLST 321</td>
<td>Advanced Skills in Therapeutic Modalities</td>
<td>4</td>
<td>C-</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td></td>
<td>C-</td>
</tr>
<tr>
<td></td>
<td>Option - Senior Social Science</td>
<td></td>
<td>C-</td>
</tr>
<tr>
<td></td>
<td>Statistics</td>
<td></td>
<td>C-</td>
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Term II

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<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 341</td>
<td>Nursing Research Processes</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>PNRS 320</td>
<td>Trends and Issues in Mental Health Care</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>PNRS 321</td>
<td>Child/Adolescent Mental Health</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td></td>
<td>Senior Elective</td>
<td></td>
<td>C-</td>
</tr>
<tr>
<td></td>
<td>Option - Senior Philosophy</td>
<td></td>
<td>C-</td>
</tr>
</tbody>
</table>

Term III

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>PNRS 420</td>
<td>Community Mental Health</td>
<td>4</td>
<td>C-</td>
</tr>
<tr>
<td>PNRS 421</td>
<td>Mental Health and the Law</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>PNRS 422</td>
<td>Leadership for Psychiatric Nursing Practice</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>PNRS 423</td>
<td>Capstone Course</td>
<td>4</td>
<td>C-</td>
</tr>
</tbody>
</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

DEGREE REGULATIONS

Students are strongly encouraged to seek advice from a faculty or university advisor about fulfilling these degree requirements.

PROGRAM TIME LIMITS – EXEMPTION FOR THE BACHELOR OF PSYCHIATRIC NURSING PROGRAM

A student in the Bachelor of Psychiatric Nursing program (BPN) has five years from the first day of the term of acceptance to complete all requirements to be eligible for a credential (C2075 Program Time Limits).

ACADEMIC RESIDENCY

Meeting of the academic residency requirement for the Bachelor of Psychiatric Nursing degree program requires completion of a minimum of 23 program credits through MacEwan University, including the 4-credit Capstone Course (PNRS 423). Courses completed to meet the admission requirements or completed through other institutions and assigned transfer credit, if any, cannot be used to meet the program’s residency requirement.

REQUIRED ENGLISH COURSE

Learners who do not have a three-credit post-secondary English course at the time of admission to this program will be required to complete the course prior to the second term of study (policy C1030, Required English Course).

REGISTRATION REQUIREMENTS

Achievement of optimal learning outcomes is facilitated through concurrent assimilation of knowledge with practice. Learners completing the BPN program in Canada must therefore maintain a current active practice permit as a Registered Psychiatric Nurse (RPN) in Canada and be in good standing with the regulatory body. Those completing the program outside of Canada must maintain current registration on the practice register as a psychiatric/mental health nurse in the other country. Learners wishing to temporarily change to non-practicing status must do so in consultation with the department chair.

ELECTIVE/OPTION REQUIREMENTS

The Program of Study for this program enables learner choice in the selection of the three specified 3-credit university-level theory course options (Statistics course, Philosophy course at the 200 level or higher, and social science course at the 200 level or higher) and two electives (Open and Senior elective). The Open Elective (100 level or higher) and Senior Elective (200 level or higher) exclude subject codes PNRS and NURS and may be chosen to extend knowledge within an area of interest. A post-secondary English course completed to meet the English course requirement cannot be used to meet an Elective requirement for this program.

PROGRESSION OF STUDIES

Learners are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as specified in descriptions for program courses. Some flexibility in sequencing of courses is permitted, provided that specified pre- and co-requisites are adhered to. Course registration is required for participation in all program courses.

PROFESSIONAL CODE OF CONDUCT

Learners must adhere to the professional code of ethics and standards of psychiatric nursing practice for Registered Psychiatric Nurses, the professional code of conduct and the confidentiality agreements signed with MacEwan University and, as applicable, work integrated learning host agencies.

PROGRAM STANDARDS

Learners admitted to this program are presumed to be capable of fulfilling the academic requirements of the program with, if applicable, provision of reasonable accommodation. The reasonable accommodation of learners with disabilities shall not require the university to lower its standards, academic or otherwise, nor shall it relieve a learner of the responsibility to develop and demonstrate the essential skills and competencies expected of all learners pursuing this program (policy E3400, Students with Disabilities).
POLICE INFORMATION CHECK
A current, clear Police Information Check (PIC) that includes a Vulnerable Sector Search is required for program admission. This check must be completed no earlier than 90 days prior to the program start date and submitted no later than the published document deadline. Having a pardon in progress does not meet the admission requirement for a clear PIC.

REGULATIONS GOVERNING WORK INTEGRATED LEARNING ACTIVITIES
Selected field study or work integrated learning experiential activities may be incorporated into one or both of PNRS 420 (Community Mental Health) and PNRS 423 (Capstone Course). These can generally be completed within the learner’s home community. The learner is responsible for any costs they incur for materials, meals, travel and, where applicable, accommodation for these experiences. Learners must comply with policy C2060 Work Integrated Learning and other applicable policies and regulations of the university, professional regulations, and policies and procedures of the host organization. In accordance with policy C2060, the university reserves the right to remove a learner from the work integrated learning experience at any point in the experience for serious performance issues (i.e., engaging in behaviour that places the client and/or others at risk or that is contrary to the professional or safety requirements of the placement). In such cases the Chair, through consultation with the Dean, will assign a grade of F in the course. Although the decision may be appealed according to policy E3103 Student Appeals, the learner will not be permitted to remain in the work integrated learning experience during the appeal.

Host agencies may specify additional prerequisite requirements for work integrated learning experiential activities, for example, currency of immunization against specified communicable diseases, N95 fit-testing, and Health Care Provider Level C Basic Life Support (BLS) certificate, and a current clear PIC with or without a child welfare check. Learners whose PIC status changes or who lack other specified additional requirements compromise their ability to complete the program requirements, as they may be denied work integrated learning experiences and, therefore, unable to meet graduation requirements.

CONTACT INFORMATION
T: 780-497-5874
E: nurseinfo@macewan.ca
BACHELOR OF SCIENCE

Faculty of Arts and Science
MacEwan.ca/Science

The Bachelor of Science (B.Sc.) is a foundational general degree. This science degree provides broad and widely applicable knowledge and abilities, rather than a niche specialization. This broad base provides graduates with generalist knowledge and skills that give the flexibility and agility so highly valued in a dynamic world economy. It also gives students a solid foundation from which to specialize through employment or further schooling.

The degree provides breadth of study across a variety of Arts and Science disciplines, and sets the foundation for later years. The major and minor areas of study allow students to focus and gain in-depth expertise in complementary or entirely disparate disciplines; there is a wide array of possible combinations. Finally, options allow students to explore courses outside their disciplines, or even within their program, and so enhance their diversity of learning. The small classes, close interaction between instructors and students, opportunities for individual study, and faculty with a strong focus on teaching are signature strengths of this program.

### SCIENCE DISCIPLINES

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Major</th>
<th>Minor</th>
<th>Honours</th>
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<tbody>
<tr>
<td>Biological Sciences</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Chemistry</td>
<td>–</td>
<td>✓</td>
<td>–</td>
</tr>
<tr>
<td>Computer Science</td>
<td>✓</td>
<td>✓</td>
<td>–</td>
</tr>
<tr>
<td>Earth and Planetary Sciences</td>
<td>–</td>
<td>✓</td>
<td>–</td>
</tr>
<tr>
<td>Mathematics</td>
<td>✓</td>
<td>✓</td>
<td>–</td>
</tr>
<tr>
<td>Mathematical Sciences</td>
<td>✓</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Planetary Physics</td>
<td>–</td>
<td>✓</td>
<td>–</td>
</tr>
<tr>
<td>Physical Sciences</td>
<td>✓</td>
<td>–</td>
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</tr>
<tr>
<td>Physics</td>
<td>–</td>
<td>✓</td>
<td>–</td>
</tr>
<tr>
<td>Psychology</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Statistics</td>
<td>–</td>
<td>✓</td>
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</tr>
</tbody>
</table>

### ARTS DISCIPLINES

See Bachelor of Arts program of study for more details.

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Major</th>
<th>Minor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthropology</td>
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<td>✓</td>
</tr>
<tr>
<td>Classics</td>
<td>–</td>
<td>✓</td>
</tr>
<tr>
<td>Creative Writing</td>
<td>–</td>
<td>✓</td>
</tr>
<tr>
<td>Economics</td>
<td>✓ ✓</td>
<td>✓</td>
</tr>
<tr>
<td>English</td>
<td>✓ ✓</td>
<td>✓</td>
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<tr>
<td>French</td>
<td>–</td>
<td>✓</td>
</tr>
<tr>
<td>History</td>
<td>✓ ✓</td>
<td>✓</td>
</tr>
<tr>
<td>Philosophy</td>
<td>✓ ✓</td>
<td>✓</td>
</tr>
<tr>
<td>Political Science</td>
<td>✓ ✓</td>
<td>✓</td>
</tr>
<tr>
<td>Sociology</td>
<td>✓ ✓</td>
<td>✓</td>
</tr>
<tr>
<td>Spanish</td>
<td>–</td>
<td>✓</td>
</tr>
</tbody>
</table>

### OUT OF FACULTY MINORS

See Bachelor of Arts program of study for more details.

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Minor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Law</td>
<td>✓</td>
</tr>
<tr>
<td>Business Studies</td>
<td>✓</td>
</tr>
</tbody>
</table>

### GENERAL PROGRAM INFORMATION

The B.Sc. requires students to complete 120 credits of non-duplicative coursework. The B.Sc. emphasizes both breadth and depth and has been redesigned for exceptional flexibility and customization. Students can now complete a major and a minor, a double major, or a major and a double minor.

### TRANSFERABILITY

All courses completed within the Bachelor of Science degree are credit courses and may be transferable individually toward further study at other Alberta institutions. For current, detailed information on individual course transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.
PREPARING FOR PROFESSIONAL STUDIES

Students intending to enter professional programs at other universities can take their pre-professional programs in the Faculty of Arts and Science at MacEwan University. The university offers the first and second year of a number of pre-professional programs, including chiropractic medicine, dental hygiene, dentistry, medical laboratory science, medicine, optometry, pharmacy and veterinary medicine. All courses taken in these pre-professional programs are credit courses and, as such, they may be applied to any of the degrees offered by MacEwan University.

Students are advised to consult the admissions requirements for the universities and programs of their choice, and to select their MacEwan University courses accordingly. Completion of pre-professional courses at MacEwan University does not guarantee admission to the subsequent professional program. Each professional program requires a separate application and entry is competitive, not automatic.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:
1. ELA 30-1
2. Mathematics 30-1
3. Two of Biology 30, Chemistry 30, Mathematics 31, Physics 30, or Computing Science - Advanced Level Career and Technology Studies (5 credits)
4. One subject from Group A, B, C or D

Notes:
• A maximum of one Group D subject may be presented.
  Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

MATURE ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:
1. ELA 30-1
2. Mathematics 30-1
3. Two of Biology 30, Chemistry 30, Mathematics 31, Physics 30, or Computing Science - Advanced Level Career and Technology Studies (5 credits)

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency

Applicable to all admission categories

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

To be evaluated through the Office of the University Registrar

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation ‘required to withdraw’ or equivalent.

PREVIOUS POST-SECONDARY WORK

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following:
• A minimum of 24 university-level credits, from a recognized institution, with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.
• The required core courses listed under the Regular or Mature Admission category.

Notes:
• A maximum of one Group D subject may be presented.
  Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.
PROGRAM OF STUDY

<table>
<thead>
<tr>
<th>Program Element</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major</td>
<td>Major will range from 42 to 60 credits with a minimum 36 credits taken at the senior-level. *</td>
<td>42-60</td>
</tr>
<tr>
<td>Second Major or Minor(s)</td>
<td>Students have the option of completing a second major, or one or two minors. Minor courses must be completed at the senior-level *</td>
<td>18-60</td>
</tr>
<tr>
<td>Options</td>
<td>Students can complete up to 15 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses</td>
<td>Up to 60</td>
</tr>
<tr>
<td>Total Degree Credits Including Breadth</td>
<td></td>
<td>120</td>
</tr>
</tbody>
</table>

BREADTH REQUIREMENTS
Within the 120 credit BSc degree, students, must complete the following Breadth requirements. Courses can be used both to satisfy the breadth and placed in a student’s major(s), minor(s), and options. BIOL, CHEM, EASC, or PHYS courses must include a laboratory component.

<table>
<thead>
<tr>
<th>Breadth Element</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological or Earth and Planetary Sciences</td>
<td>BIOL or EASC (not including BIOL 101, 102, or 103)</td>
<td>6</td>
</tr>
<tr>
<td>Chemistry or Physics</td>
<td>CHEM or PHYS</td>
<td>6</td>
</tr>
<tr>
<td>English</td>
<td>ENGL 102 and 3 credits in university English (not including ENGL 111 and ENGL 108)</td>
<td>6</td>
</tr>
<tr>
<td>Humanities</td>
<td>CLAS, COMP, HIST, HUMN, PHIL or a language other than English</td>
<td>6</td>
</tr>
<tr>
<td>Mathematical Sciences</td>
<td>One of MATH 114, MATH 120, or MATH 125, and 3 credits in MATH, STAT, or CMPT (not including MATH 160, MATH 170, or CMPT 104)</td>
<td>6</td>
</tr>
<tr>
<td>Social Sciences</td>
<td>ANTH, ECON, LING, POLS, PSYC, and SOCI</td>
<td>6</td>
</tr>
</tbody>
</table>

* Multi-disciplinary majors consist of 60-72 junior- and senior-level credits. Students majoring in mathematical or physical sciences may pursue a minor but are not required to do so.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study. Students typically require a minimum grade of C- to use a course as a prerequisite. Please check course description for more information.

BACHELOR OF SCIENCE - HONOURS INFORMATION
The B.Sc. Honours provides eligible students with the opportunity to pursue more intensive study in their chosen field, which may be of benefit to students considering graduate studies. There are two Honours disciplines offered: biological sciences and psychology. The Honours discipline may have limited enrolment and may have additional selection requirements.

GENERAL SELECTION CRITERIA FOR HONOURS DISCIPLINES
For consideration into Honours, students must present the following:
1. Completion of a minimum of 45 university-level credits, applicable to the program of study, with a GPA of 3.0 or better
2. 24 of the 45 credits must have been completed in the last 12 months
3. A minimum of six credits completed at the senior-level in the discipline of study
4. A minimum GPA of 3.3 in all senior-level courses in the discipline of study

Students interested in one of the Honours disciplines are encouraged to request a graduation check from the Faculty of Arts and Science Program Services Office. Note that entry is competitive; satisfying the minimum requirements may not guarantee admission. For more information and to apply for entry, contact the honours discipline advisor.

HONOURS ADMISSION

HONOURS IN BIOLOGICAL SCIENCES – ADMISSION REQUIREMENTS
Students are eligible for application to the Honours biological sciences discipline after they have completed a minimum of 45 credits (including at least six credits in senior-level biological sciences courses), 24 of which must have been completed within the last 12 months. To enter the Honours program, applicants must present a cumulative GPA of 3.0 and a minimum 3.3 GPA in Biological Sciences courses. Applicants must also have completed BIOL 207, BIOL 208, CHEM 101, CHEM 102, and STAT 151. Note that entry is competitive and dependent on department resources - satisfying the minimum requirements does not guarantee admission. For more information and to apply for entry, contact the department at 780-663-3399 or email artsandscience@macewan.ca

HONOURS IN PSYCHOLOGY – ADMISSION REQUIREMENTS
Students are eligible for application to the Honours psychology discipline after they have completed a minimum of 45 credits (including at least six credits in senior-level psychology courses), 24 of which must have been completed within the last 12 months. Applicants must present a cumulative GPA of 3.0 and a minimum GPA of 3.3 in all senior-level psychology courses. Note that entry is competitive – satisfying the minimum requirements does not guarantee admission. For more information and to apply for entry, contact the department at 780-497-5305 or email artsandscience@macewan.ca
BACHELOR OF SCIENCE

PROGRAM OF STUDY - HONOURS DISCIPLINES

<table>
<thead>
<tr>
<th>Program Element</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Honours Requirements</td>
<td>Honours requirements are determined by each discipline.</td>
<td>63-84</td>
</tr>
<tr>
<td>Options</td>
<td>Students can complete up to 15 credits in out-of-faculty options, with no</td>
<td>36-57</td>
</tr>
<tr>
<td></td>
<td>more than 3 credits in physical activity (PACT) courses</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total Degree Credits Including Breadth</td>
<td>120</td>
</tr>
</tbody>
</table>

BREADTH REQUIREMENTS
Within the 120 credit BSc degree, students, must complete the following Breadth requirements. Courses can be used both to satisfy the breadth and the Honours requirements. BIOL, CHEM, EASC, or PHYS courses must include a laboratory component.

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<tr>
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<td>CHEM or PHYS</td>
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<td></td>
<td>(not including MATH 160, MATH 170, or CMPT 104)</td>
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<td>Social Sciences</td>
<td>ANTH, ECON, LING, POLS, PSYC, and SOCI</td>
<td>6</td>
</tr>
</tbody>
</table>

MAJORS AND MINORS
Faculty and discipline advisors are available to assist the student to plan a program of study that will meet these degree requirements. Refer to MacEwan.ca/Science for specific course requirements for each major and minor.

BIOLOGICAL SCIENCES

MAJOR
The Biology major is a competitive major. Students must complete BIOL 107 and BIOL 108 with no grade lower than C-. Students must also have completed a minimum of one of BIOL 207 or BIOL 208, and be registered in the remaining course during the winter term when declarations close. The number of new seats available in the Biological Sciences major will be determined by the Biology department annually. Students will submit their declaration by January 15. Students who apply will be ranked by their admissions GPA, which is calculated using their most recent 24 credits of university-level course work, without breaking up a term. Applicants with the highest GPA will be admitted to the program first, until no seats remain. Students will be notified of the success or denial of their application to the Biological Sciences major no later than February 1.

Total credits required for major - 42 to 60 credits with a minimum of 36 credits at the senior-level.
A minimum of 18 credits at the 300- or 400- level.
A minimum of 6 credits must be at the 400- level.

Note: Students majoring in biological sciences are required to complete CHEM 101, CHEM 102, and STAT 151. These courses can be used to fulfil the Breadth Requirements.

Specific Major Requirements – 12 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 107</td>
<td>Introduction to Cell Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 108</td>
<td>Organisms in Their Environment</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 207</td>
<td>Principles of Genetics</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 208</td>
<td>Principles of Ecology</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose the (1) General Biological Sciences Major or one of the (2) Molecular/Cellular or (3) Ecology and Diversity Streams

(1) General Biological Sciences Major Requirements – 30 to 48 credits:
Junior- and senior-level biological sciences courses – BICM, BIOL, BOTN, GENE, or ZOOL.
## (2) Molecular/Cellular Stream requirements – 30 to 48 credits:
Choose 30 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BICM 200</td>
<td>Introductory Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td>BICM 310</td>
<td>Intermediary Metabolism</td>
<td>3</td>
</tr>
<tr>
<td>BICM 320</td>
<td>Structure and Function of Biomolecules</td>
<td>3</td>
</tr>
<tr>
<td>BICM 330</td>
<td>Nucleic Acid Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 201</td>
<td>Eukaryotic Cellular Biology I</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 205</td>
<td>Principles of Molecular Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 211</td>
<td>Introduction to Microbiology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 300</td>
<td>Eukaryotic Cellular Biology II</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 313</td>
<td>Animal Developmental Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 315</td>
<td>History of Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 321</td>
<td>Mechanisms of Evolution</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 337</td>
<td>Biostatistics and Research Design</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 413</td>
<td>Advanced Animal Developmental Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 421</td>
<td>Techniques in Molecular and Cellular Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 430</td>
<td>Pathobiology: The Cellular Basis of Disease</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 492</td>
<td>Field Placement</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 495</td>
<td>Special Topics</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 498</td>
<td>Advanced Independent Study</td>
<td>3</td>
</tr>
<tr>
<td>GENE 317</td>
<td>Genetics and Society</td>
<td>3</td>
</tr>
<tr>
<td>GENE 369</td>
<td>Genetic Analysis of Bacteria</td>
<td>3</td>
</tr>
<tr>
<td>GENE 370</td>
<td>Genetic Analysis of Eukaryotes</td>
<td>3</td>
</tr>
<tr>
<td>GENE 400</td>
<td>Genome Organization</td>
<td>3</td>
</tr>
<tr>
<td>GENE 404</td>
<td>Investigations into Gene Regulation</td>
<td>3</td>
</tr>
<tr>
<td>GENE 418</td>
<td>Human Genetics</td>
<td>3</td>
</tr>
<tr>
<td>ZOOL 241</td>
<td>Animal Physiology I</td>
<td>3</td>
</tr>
<tr>
<td>ZOOL 242</td>
<td>Animal Physiology II</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose up to 18 credits of junior- and senior-level biological sciences courses - BICM, BIOL, BOTN, GENE, and ZOOL.

## (3) Ecology and Diversity Stream requirements – 30 to 48 credits:
Choose 30 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 310</td>
<td>Freshwater Ecology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 312</td>
<td>Terrestrial Ecology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 314</td>
<td>Population and Community Ecology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 315</td>
<td>History of Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 321</td>
<td>Mechanisms of Evolution</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 337</td>
<td>Biostatistics and Research Design</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 361</td>
<td>Marine Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 365</td>
<td>Tropical Rainforest Ecology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 367</td>
<td>Conservation Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 371</td>
<td>Animal Behaviour</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 410</td>
<td>Techniques in Field Ecology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 422</td>
<td>Methods in Experimental Ecology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 492</td>
<td>Field Placement</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 495</td>
<td>Special Topics</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 498</td>
<td>Advanced Independent Study</td>
<td>3</td>
</tr>
<tr>
<td>BOTN 205</td>
<td>Fundamentals of Plant Biology</td>
<td>3</td>
</tr>
<tr>
<td>ZOOL 224</td>
<td>Vertebrate Adaptations and Evolution</td>
<td>3</td>
</tr>
<tr>
<td>ZOOL 241</td>
<td>Animal Physiology I</td>
<td>3</td>
</tr>
<tr>
<td>ZOOL 242</td>
<td>Animal Physiology II</td>
<td>3</td>
</tr>
<tr>
<td>ZOOL 250</td>
<td>Survey of the Invertebrates</td>
<td>3</td>
</tr>
<tr>
<td>ZOOL 324</td>
<td>Comparative Anatomy of Vertebrates</td>
<td>3</td>
</tr>
<tr>
<td>ZOOL 400</td>
<td>Aquatic Vertebrates</td>
<td>3</td>
</tr>
<tr>
<td>ZOOL 401</td>
<td>Terrestrial Vertebrates</td>
<td>3</td>
</tr>
<tr>
<td>ZOOL 425</td>
<td>Entomology</td>
<td>3</td>
</tr>
<tr>
<td>ZOOL 452</td>
<td>Principles of Parasitism</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose up to 18 credits of junior- and senior-level biological sciences courses - BICM, BIOL, BOTN, GENE, and ZOOL.

## BIOLOGICAL SCIENCES

### MINOR

**Total credits required for minor - 18 senior-level credits.**

A minimum of six credits must be at the 300- or 400-level.

**Note:** Junior-level BIOL 107 and BIOL 108 are required. Both BIOL 207 and BIOL 208 may be taken for credit.

### Specific Minor Requirements – Three credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 207</td>
<td>Principles of Genetics</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 208</td>
<td>Principles of Ecology</td>
<td>3</td>
</tr>
</tbody>
</table>

### General Minor Requirements - 15 credits chosen from senior-level biological sciences - BICM, BIOL, BOTN, GENE, and ZOOL.

## BIOLOGICAL SCIENCES

### HONOURS

**Total credits required for Honours – 63 to 84 credits.**

**Note:** Biological Science Honours are required to complete CHEM 101, CHEM 102, and STAT 151. These courses can be used to fulfil the Breadth Requirements.

### Specific Honours Requirements – 33 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 107</td>
<td>Introduction to Cell Biology</td>
<td>3</td>
</tr>
<tr>
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</tr>
<tr>
<td>BIOL 208</td>
<td>Principles of Ecology</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 261</td>
<td>Organic Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>BICM 200</td>
<td>Introductory Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 321</td>
<td>Mechanisms of Evolution</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 337</td>
<td>Biostatistics and Research Design</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 399</td>
<td>Honours Proposal</td>
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<tr>
<td>BIOL 499A</td>
<td>Honours Thesis I</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 499B</td>
<td>Honours Thesis II</td>
<td>3</td>
</tr>
</tbody>
</table>
Choose 30 to 51 credits from either the (1) Molecular/Cellular or the (2) Ecology and Diversity Streams:

(1) Molecular/Cellular Stream requirements – 30 to 51 credits:
Choose 30 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BICM 310</td>
<td>Intermediary Metabolism</td>
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<tr>
<td>ZOOL 242</td>
<td>Animal Physiology II</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose up to 21 credits of junior- or senior-level biological sciences courses - BICM, BIOL, BOTN, GENE, and ZOOL.

(2) Ecology and Diversity Stream requirements – 30 to 51 credits:
Choose 30 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 310</td>
<td>Freshwater Ecology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 312</td>
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<td>Special Topics</td>
<td>3</td>
</tr>
<tr>
<td>BOTN 205</td>
<td>Fundamentals of Plant Biology</td>
<td>3</td>
</tr>
<tr>
<td>ZOOL 224</td>
<td>Vertebrate Adaptations and Evolution</td>
<td>3</td>
</tr>
<tr>
<td>ZOOL 241</td>
<td>Animal Physiology I</td>
<td>3</td>
</tr>
<tr>
<td>ZOOL 242</td>
<td>Animal Physiology II</td>
<td>3</td>
</tr>
<tr>
<td>ZOOL 250</td>
<td>Survey of the Invertebrates</td>
<td>3</td>
</tr>
<tr>
<td>ZOOL 324</td>
<td>Comparative Anatomy of Vertebrates</td>
<td>3</td>
</tr>
<tr>
<td>ZOOL 400</td>
<td>Aquatic Vertebrates</td>
<td>3</td>
</tr>
<tr>
<td>ZOOL 401</td>
<td>Terrestrial Vertebrates</td>
<td>3</td>
</tr>
<tr>
<td>ZOOL 425</td>
<td>Entomology</td>
<td>3</td>
</tr>
<tr>
<td>ZOOL 452</td>
<td>Principles of Parasitism</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose up to 21 credits of junior- and senior-level biological sciences courses - BICM, BIOL, BOTN, GENE, and ZOOL.

CHEMISTRY
MINOR
Total credits required for minor - 18 senior-level credits.
A minimum of six credits must be completed at the 300- or 400-level.
Note: CHEM 101 and CHEM 102 are required for this minor.

Minor Requirements – 18 credits chosen from senior-level CHEM. A maximum of three credits in PHSC may be used.

COMPUTER SCIENCE
MAJOR
Total credits required for major - 42 to 60 credits
with a minimum of 36 senior-level credits.
Note: Students majoring in Computer Science are required to take MATH 114, one of MATH 120 or MATH 125, and STAT 151.

Specific Major Requirements – 21 credits:

Choose 21 to 39 credits from the (1) General Computer Science Major or from one of the (2) Databases and Interactive Visualization, (3) Systems and Information Security, or (4) Gaming Streams

(1) General Computer Science Major Requirements – 21 to 39 credits:
Choose 6 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMPT 204</td>
<td>Algorithms I</td>
<td>3</td>
</tr>
<tr>
<td>CMPT 229</td>
<td>Computer Organization and Architecture</td>
<td>3</td>
</tr>
<tr>
<td>CMPT 250</td>
<td>Introduction to Human Computer Interaction</td>
<td>3</td>
</tr>
<tr>
<td>CMPT 280</td>
<td>Introduction to Computer Security</td>
<td>3</td>
</tr>
<tr>
<td>CMPT 291</td>
<td>Introduction to File and Database Management</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose 6 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMPT 306</td>
<td>Non-Procedural Programming Languages</td>
<td>3</td>
</tr>
<tr>
<td>CMPT 315</td>
<td>Web Application Development</td>
<td>3</td>
</tr>
<tr>
<td>CMPT 330</td>
<td>Introduction to Real Time Gaming</td>
<td>3</td>
</tr>
<tr>
<td>CMPT 355</td>
<td>Introduction to Artificial Intelligence</td>
<td>3</td>
</tr>
<tr>
<td>CMPT 360</td>
<td>Introduction to Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td>CMPT 361</td>
<td>Introduction to Networks</td>
<td>3</td>
</tr>
<tr>
<td>CMPT 370</td>
<td>Introduction to Computer Graphics</td>
<td>3</td>
</tr>
<tr>
<td>CMPT 380</td>
<td>Computer Systems Security</td>
<td>3</td>
</tr>
<tr>
<td>CMPT 391</td>
<td>Database Management Systems</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose nine to 27 credits from junior- and senior-level CMPT.
### (2) Databases and Interactive Visualization Stream
#### 21 to 39 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMPT 250</td>
<td>Introduction to Human Computer Interaction</td>
<td>3</td>
</tr>
<tr>
<td>CMPT 272</td>
<td>Formal Systems and Logic in Computing Science</td>
<td>3</td>
</tr>
<tr>
<td>CMPT 291</td>
<td>Introduction to File and Database Management</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose 12 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMPT 315</td>
<td>Web Application Development</td>
<td>3</td>
</tr>
<tr>
<td>CMPT 351</td>
<td>Human Computer Interaction: Usability</td>
<td>3</td>
</tr>
<tr>
<td>CMPT 391</td>
<td>Database Management Systems</td>
<td>3</td>
</tr>
<tr>
<td>CMPT 450</td>
<td>Information Visualization</td>
<td>3</td>
</tr>
<tr>
<td>CMPT 491</td>
<td>Datamining and Advanced Database Topics</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose up to 18 credits from junior- and senior-level CMPT.

### (3) System and Information Security Stream
#### 21 to 39 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMPT 229</td>
<td>Computer Organization and Architecture</td>
<td>3</td>
</tr>
<tr>
<td>CMPT 280</td>
<td>Introduction to Computer Security</td>
<td>3</td>
</tr>
<tr>
<td>CMPT 360</td>
<td>Introduction to Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td>CMPT 361</td>
<td>Introduction to Networks</td>
<td>3</td>
</tr>
<tr>
<td>CMPT 380</td>
<td>Computer Systems Security</td>
<td>3</td>
</tr>
<tr>
<td>CMPT 464</td>
<td>Wireless Networks and Embedded Systems</td>
<td>3</td>
</tr>
<tr>
<td>CMPT 480</td>
<td>Computer Network Security</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose up to 18 credits from junior- and senior-level CMPT.

### (4) Gaming Stream
#### 21 to 39 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMPT 230</td>
<td>Introduction to Computer Games</td>
<td>3</td>
</tr>
<tr>
<td>CMPT 291</td>
<td>Introduction to File and Database Management</td>
<td>3</td>
</tr>
<tr>
<td>CMPT 330</td>
<td>Introduction to Real Time Gaming</td>
<td>3</td>
</tr>
<tr>
<td>CMPT 370</td>
<td>Introduction to Computer Graphics</td>
<td>3</td>
</tr>
<tr>
<td>CMPT 430</td>
<td>3D Game Development and Artificial Intelligence</td>
<td>3</td>
</tr>
<tr>
<td>CRWR 295</td>
<td>Introduction to Creative Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose three to 15 credits from junior- and senior-level CMPT.

### General Minor Requirements - 12 credits chosen from senior-level CMPT.

### EARTH AND PLANETARY SCIENCES
#### MINOR
Total credits required for minor - 18 senior-level credits.

Note: EASC 101 and either EASC 102 or EASC 103 are required for this minor.

### MATHEMATICAL SCIENCES
#### MAJOR
Total credits required for major - 60 to 72 credits with a minimum of 42 senior-level credits.

Three disciplines – computer science, mathematics and statistics.

Notes:
1. Requirement to choose two of the three as primary disciplines.
2. If any of computer science, mathematics or statistics disciplines are chosen as a minor, all senior-level credits in that discipline will only count toward the minor.

Three credits at the 300- or 400-level in each primary discipline.

A minimum of 12 credits at the 300- or 400-level in the primary disciplines.

If mathematics is a primary discipline – STAT 265 and STAT 266 may be used to fulfill this requirement.

### Specific Major Requirements – 12 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 114</td>
<td>Elementary Calculus I</td>
<td>3</td>
</tr>
<tr>
<td>MATH 115</td>
<td>Elementary Calculus II</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose three credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 120</td>
<td>Basic Linear Algebra I</td>
<td>3</td>
</tr>
<tr>
<td>MATH 125</td>
<td>Linear Algebra I</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose three credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMPT 101</td>
<td>Introduction to Computing I</td>
<td>3</td>
</tr>
<tr>
<td>CMPT 103</td>
<td>Introduction to Computing II</td>
<td>3</td>
</tr>
</tbody>
</table>

### General Major Requirements – 48 to 60 credits:

Primary Discipline I - 18 to 24 credits chosen from the first primary discipline.

Primary Discipline II - 18 to 24 credits chosen from the second primary discipline.

General Requirements - 6 to 12 credits of senior-level CMPT, MATH, and STAT.
MATHEMATICS

MAJOR

Total credits required for major - 45 to 60 credits with a minimum of 36 senior-level credits.

A minimum of six credits must be completed at the 400-level.

Note: Students majoring in Mathematics are required to complete CMPT 101 or CMPT 103.

Specific Major Requirements – 27 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 114</td>
<td>Elementary Calculus I</td>
<td>3</td>
</tr>
<tr>
<td>MATH 115</td>
<td>Elementary Calculus II</td>
<td>3</td>
</tr>
<tr>
<td>MATH 214</td>
<td>Intermediate Calculus I</td>
<td>3</td>
</tr>
<tr>
<td>MATH 215</td>
<td>Intermediate Calculus II</td>
<td>3</td>
</tr>
<tr>
<td>MATH 225</td>
<td>Linear Algebra II</td>
<td>3</td>
</tr>
<tr>
<td>MATH 310</td>
<td>Real Analysis</td>
<td>3</td>
</tr>
<tr>
<td>MATH 330</td>
<td>Ordinary Differential Equations</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose three credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 120</td>
<td>Basic Linear Algebra I</td>
<td>3</td>
</tr>
<tr>
<td>MATH 125</td>
<td>Linear Algebra I</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose three credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 200</td>
<td>Fundamental Concepts of Math</td>
<td>3</td>
</tr>
<tr>
<td>MATH 241</td>
<td>Geometry</td>
<td>3</td>
</tr>
</tbody>
</table>

General Major Requirements – 18 to 33 credits chosen from senior-level MATH. STAT 265 and STAT 266 may be used to fulfill this requirement.

MATHEMATICS

MINOR

Total credits required for minor - 18 senior-level credits.

A minimum of six credits must be at the 300- or 400-level.

Note: Junior-level required courses MATH 114, MATH 115, and either MATH 120 or MATH 125.

Minor Requirements – 18 credits chosen from senior-level MATH.

PHYSICAL SCIENCES

MAJOR

Total credits required for major - 60 to 72 credits with a minimum 42 senior-level credits.

Three disciplines – chemistry, Earth and planetary sciences, physics.

Notes:
1. Requirement to choose two of the three disciplines as primary disciplines.
2. If any of chemistry, Earth and planetary sciences or physics disciplines are chosen as a minor, all senior-level credits in that discipline will only count toward the minor.
3. MATH 114 is a prerequisite for most 200-level PHYS courses. Students are advised to take MATH 114 in the first year of their program.

A minimum of 12 credits at the 300- or 400-level in the primary disciplines.

A minimum of 3 credits at the 300- or 400-level required for each discipline.

Specific Minor Requirements - Six credits:

Choose six credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 200</td>
<td>Introduction to Relativity</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 208</td>
<td>Quantum Aspects of Physics</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 224</td>
<td>Fluids and Heat</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 244</td>
<td>Mechanics</td>
<td>3</td>
</tr>
</tbody>
</table>

General Minor Requirements - 12 credits chosen from senior-level PHYS. A maximum of three credits in PHSC may be used.
PLANETARY PHYSICS

MINOR
Total credits required for minor - 18 senior-level credits.
A minimum of six credits at the 300- or 400-level.

EASC 398, EASC 495, EASC 498, PHYS 398, PHYS 495, or PHYS 498 can be used to fulfill this requirement if the topic is relevant to planetary physics.

Note: Students are responsible for ensuring they have the prerequisites for the required courses in this minor.

Specific Minor Requirements - 18 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EASC 206</td>
<td>Geology of the Solar System</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 226</td>
<td>Optics and Sound Waves</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 242</td>
<td>Physics of Planetary Exploration</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 252</td>
<td>Physics of the Earth</td>
<td>3</td>
</tr>
<tr>
<td>EASC 334</td>
<td>Planetary Surface Imaging</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 324</td>
<td>Origins of Planetary Systems</td>
<td>3</td>
</tr>
</tbody>
</table>

PSYCHOLOGY

MAJOR
Total credits required for major - 42 to 60 credits with a minimum of 36 senior-level credits.
A minimum of nine credits at the 300-level.
A minimum of six credits at the 400-level. PSYC 439 does not satisfy the 400-level requirement.

Psychology is a competitive major. Psychology applicants are required to have completed PSYC 104, PSYC 105, STAT 151 or STAT 161, and one 200-level PSYC class with no grade lower than C- in any of them. They must also either have completed or be enrolled in PSYC 212 during the winter term when the declarations close. They will be ranked by their AGPA, which is calculated using their most recent 24 credits of university-level course work, without breaking up a term.

Specific Major Requirements – 24 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 104</td>
<td>Introductory Psychology I</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 105</td>
<td>Introductory Psychology II</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 212</td>
<td>Introduction to Research Methods in Psychology</td>
<td>3</td>
</tr>
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</table>

Choose 15 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 223</td>
<td>Developmental Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 233</td>
<td>Personality</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 241</td>
<td>Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 258</td>
<td>Cognitive Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 267</td>
<td>Perception</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 275</td>
<td>Brain and Behaviour</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 281</td>
<td>Principles of Behaviour</td>
<td>3</td>
</tr>
</tbody>
</table>

General Major Requirements – 18 to 36 credits chosen from senior-level PSYC.

PSYCHOLOGY

MINOR
Total credits required for minor - 18 senior-level credits.
A minimum of six credits must be completed at the 300- or 400-level. PSYC 439 does not satisfy this requirement.

Minor Requirements - 18 credits chosen from senior-level PSYC.

HONOURS
Total credits required for Honours – 84 credits.

Specific Honours Requirements – 42 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 104</td>
<td>Introductory Psychology I</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 105</td>
<td>Introductory Psychology II</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 212</td>
<td>Introduction to Research Methods in Psychology</td>
<td>3</td>
</tr>
<tr>
<td>STAT 252</td>
<td>Applied Statistics II</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 301</td>
<td>History of Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 312</td>
<td>Advanced Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 400</td>
<td>Psychology Senior Seminar</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 499A</td>
<td>Honours Thesis I</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 499B</td>
<td>Honours Thesis II</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose 15 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 223</td>
<td>Developmental Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 233</td>
<td>Personality</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 241</td>
<td>Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 258</td>
<td>Cognitive Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 267</td>
<td>Perception</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 275</td>
<td>Brain and Behaviour</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 281</td>
<td>Principles of Behaviour</td>
<td>3</td>
</tr>
</tbody>
</table>

General Honours Requirements – 42 credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>STAT 252</td>
<td>Applied Statistics II</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 223</td>
<td>Developmental Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 233</td>
<td>Personality</td>
<td>3</td>
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<td>PSYC 267</td>
<td>Perception</td>
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<td>3</td>
</tr>
<tr>
<td>PSYC 281</td>
<td>Principles of Behaviour</td>
<td>3</td>
</tr>
</tbody>
</table>

Approved Honours Options – senior-level PSYC courses chosen in consultation with psychology Honours advisor.
Courses Outside the Discipline – chosen in consultation with psychology Honours advisor.
Flex Courses - PSYC or courses outside of the discipline, chosen in consultation with the psychology Honours advisor.
STATISTICS

MINOR
Total credits required for minor - 18 senior-level credits.
A minimum of six credits must be completed at the 300- or 400-level.
Junior-level required courses MATH 114 and MATH 115.

Specific Minor Requirements – Six credits:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>STAT 265</td>
<td>Probability Theory</td>
<td>3</td>
</tr>
<tr>
<td>STAT 266</td>
<td>Mathematical Statistics</td>
<td>3</td>
</tr>
</tbody>
</table>

General Minor Requirements - 12 credits chosen from senior-level STAT.

DEGREE REGULATIONS
Students are strongly encouraged to seek advice from the faculty advisors about program planning.

ACADEMIC RESIDENCY – CREDIT REQUIREMENTS
As part of the academic residency regulation requirement noted in Policy C2100, Bachelor of Science students must complete:
- A minimum of 24 credits at the senior-level in the major discipline, with 12 of those senior credits completed at the 300- or 400-level. All 400-level requirements are to be completed at MacEwan University.

And if applicable:
- A minimum of nine credits in a minor at the senior-level, with at least three of those credits completed at the 300- or 400-level.

BREADTH REQUIREMENTS
Courses taken to fulfill the major, minor, or option requirements can also be used to satisfy breadth requirements.

DECLARATION OF A MAJOR AND MINOR
Students are advised to declare a major and minor, or two majors, or a major and two minors by the time they have completed 45 credits. Majors consist of 42 to 60 junior- and senior-level credits. Multi-disciplinary majors consist of 60-72 junior- and senior-level credits. With the exception of those students in an Honours program, a maximum of 60 credits may be completed from any one discipline for credit towards the degree. Students can re-declare their major(s) and/or minor(s) if required.

Students are permitted to declare majors from both arts and science disciplines, however, the major and minor cannot be in the same discipline. No more than one out-of-faculty minor is allowed.

For students completing multiple majors or minors, the Faculty cannot guarantee a schedule of classes that will permit students to complete their degree in eight consecutive fall and winter semesters. Furthermore, depending on the courses in which a student enrolls, meeting the requirements of a double major may require the completion of more than 120 credits for graduation. Students are strongly encouraged to consult with a program advisor in the Program Services Office in the Faculty of Arts and Science and a discipline advisor in their major and minor prior to this declaration. Students majoring in mathematical or physical sciences may pursue a minor but are not required to do so.

GRADUATION GRADE POINT AVERAGE
As part of the Graduation Grade Point Average regulation above, Bachelor of Science students must obtain an overall GGPA of 2.0 or higher, with a minimum GPA of 2.0 on all courses credited toward the major(s) and a minimum GPA of 2.0 on all courses credited toward the minor(s).

GRADUATION REQUIREMENTS
Graduation requirements are governed by the date on which a student declares their major(s) and minor(s). Students who declare their major(s) and minor(s) up to and including February 15 are bound by the requirements of the current academic year. Those students who declare after this date are bound by the programs of study and degree requirements of the upcoming academic year as published in the MacEwan calendar.

JUNIOR- AND SENIOR-LEVEL COURSES
Courses numbered from 100 to 199 are considered junior-level and courses numbered from 200 to 499 are considered senior-level.

MAXIMUM JUNIOR-LEVEL COURSES
A maximum of 48 credits at the 100-level are permitted in completion of the B.Sc. degree. Additional courses at the 100-level are extra to the 120 credits required to complete the B.Sc. degree and will not be counted toward fulfillment of graduation requirements.

MINIMUM SCIENCE COURSES
Students are required to complete successfully a minimum of 72 total credits from Science courses.

MINIMUM PASSING GRADE
A minimum grade of D is required for all Science degree courses unless otherwise noted next to the appropriate course in the program of study. A maximum of six credits with a final grade of D or D+ are permitted in courses credited toward the minimum requirements for the major.

MINIMUM TRANSFER GRADE FOR CREDIT
A minimum grade of D is required on any transfer credit granted for the program. Arts and Science courses require a minimum grade of C- when the course is used as a prerequisite. Transfer credit decisions made by the university are final and cannot be appealed (see Policies C2030 and E3103).

OUT-OF-FACULTY OPTIONS REQUIREMENTS
Degree options may include a maximum of 15 credits from courses offered by a Faculty or School other than Arts and Science except for those students completing an out-of-faculty minor or those who have met the minor requirements with a diploma. These students must complete their degree options from courses offered within the Faculty of Arts and Science.

PROGRESSION OF STUDIES
Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfill Bachelor of Science program requirements.

HONOURS DEGREE REGULATIONS

OVERALL REQUIREMENTS
The Honours program of study consists of 63 to 84 credits as determined by the discipline. Students in the Honours program are not required to complete a minor.
COURSE LOAD
Students accepted into an Honours program must complete 24-credits in each twelve consecutive months they are in the program. Exceptions to this rule may occur with the approval of the Honours discipline advisor.

GRADE POINT AVERAGE
Students accepted and enrolled in the Science Honours program must maintain a minimum overall GPA of 3.0. As well, students must maintain a minimum GPA of 3.3 in all courses specified in the Honours discipline of study for each twelve consecutive months following acceptance into the Honours program. Failure to do so will result in the student’s program status reverting to BSc with a major in the previous Honours discipline.

GRADUATION GRADE POINT AVERAGE
In order to graduate, students must obtain an overall GGPA of 3.0 or higher, with a minimum GPA of 3.3 on all courses credited toward the Honours program of study.

SUBSEQUENT BACCALAUREATE
In addition to meeting the degree regulations listed above, students who already hold a baccalaureate degree must satisfy the provisions of Policy C2000, Subsequent Baccalaureate Credential.

CONTACT INFORMATION
T: 780-497-4505
E: artsandscience@macewan.ca
BACHELOR OF SCIENCE IN NURSING

Faculty of Nursing - Department of Nursing Science
MacEwan.ca/BScN

Consistent with the philosophy of Dr. J.W. Grant MacEwan, MacEwan University’s Bachelor of Science in Nursing (BScN) program holds the values of respect, compassion, leadership, scholarship and accountability. The BScN program is designed to prepare graduates who are committed to excellence in professional practice and who contribute to the health and well-being of individuals, families, communities and society. Throughout the program students acquire knowledge, skills and attributes to ready themselves for safe, compassionate, evidence-informed, competent and ethical nursing practice.

MacEwan University’s BScN program is a rigorous, four-year program designed to introduce, expand and sequentially integrate knowledge, concepts and theories. Our approach to learning promotes the retention and application of in-depth knowledge and diverse skills. The program is delivered through contextual and experiential learning in classroom, laboratory and practice settings. Theoretical knowledge is attained from the disciplines of nursing, arts, sciences and humanities. Knowledge and competencies for nursing research, education and leadership roles are encompassed within the program. BScN graduates are eligible to write the NCLEX – RN Canadian Registered Nurse Examination.

CAREER POTENTIAL
The profession of registered nursing offers a highly challenging and deeply rewarding career for dedicated individuals. Registered nurses play a vital role within complex and changing health systems. MacEwan University’s BScN graduates attain knowledge, skills, and other professional attributes to practice in diverse settings including tertiary, community and continuing care.

TRANSFERABILITY
The four-year Bachelor of Science in Nursing degree is fully delivered through MacEwan University. All courses completed for the Bachelor of Science in Nursing degree are baccalaureate credit courses and may be transferable individually toward further study at other Alberta institutions. For current, detailed information on individual course transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION
Applicants may be admitted to one of the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:
1. ELA 30-1
2. Biology 30
3. Chemistry 30 or Science 30
4. Mathematics 30-1 or Mathematics 30-2 or Mathematics 31
5. One Group A, B, C or D course
Notes:
• A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).
• Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

MATURE ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:
1. ELA 30-1
2. Biology 30
3. Chemistry 30 or Science 30
4. Mathematics 30-1 or Mathematics 30-2 or Mathematics 31
Note:
• For Mature Admission only, another Group C course grade could be used to replace the Mathematics 30-1 or Mathematics 30-2 or Mathematics 31 grade in the calculation of the competitive average.
Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.
PREVIOUS POST-SECONDARY WORK

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:
- A minimum of 24 credits of university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular or Mature Admission category.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency
   To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

2. Spoken English Proficiency
   To be evaluated through the Office of the University Registrar

Applicable to all admission categories

Applicants who speak English as a second language – regardless of citizenship – are required to submit official documents such as high school, post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

3. Other Admission Criteria
   To be evaluated through the Office of the University Registrar

Applicable to all admission categories

Applicants who have had one or more unsatisfactory academic records from any post-secondary program or institution must meet the admission requirements under the Previous Post-Secondary Work admission category.

Applicants who have two or more unsatisfactory academic records within the past 10 years from any post-secondary program or institution will not be considered for admission or re-admission to the Program until a minimum five years from the date of assignment of the last unsatisfactory record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation ‘required to withdraw’ or equivalent.

YEAR I

Term I

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 111</td>
<td>University-level English excluding</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>HLSC 120</td>
<td>Human Anatomy</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>HLSC 126</td>
<td>Human Physiology I</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>HLST 152</td>
<td>Foundations in Health</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>NURS 170</td>
<td>The Discipline of Nursing</td>
<td>4</td>
<td>C-</td>
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Term II

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>HLSC 124</td>
<td>Microbiology for Health Professionals</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>HLSC 128</td>
<td>Human Physiology II</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>HLST 154</td>
<td>Professional Communication</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>NURS 175</td>
<td>Nursing Practice Foundations</td>
<td>5</td>
<td>C-</td>
</tr>
<tr>
<td>PSYC 104</td>
<td>Introductory Psychology I</td>
<td>3</td>
<td>C-</td>
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Term III

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PSYC 105</td>
<td>Introductory Psychology II</td>
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YEAR II

Term I

<table>
<thead>
<tr>
<th>Course ID</th>
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<th>Credits</th>
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<tbody>
<tr>
<td>HLSC 220</td>
<td>Pharmacotherapeutics for Health Professionals</td>
<td>3</td>
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<tr>
<td>HLSC 222</td>
<td>Alterations in Health Across the Lifespan</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>NURS 252</td>
<td>Health Assessment Across the Lifespan</td>
<td>4</td>
<td>C-</td>
</tr>
<tr>
<td>NURS 270</td>
<td>Nursing Care Across the Lifespan</td>
<td>4</td>
<td>C-</td>
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<tr>
<td>NURS 272</td>
<td>Mental Health Nursing</td>
<td>3</td>
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Term II

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 275</td>
<td>Nursing Practice I Across the Lifespan</td>
<td>5</td>
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<tr>
<td>NURS 277</td>
<td>Nursing Practice II Across the Lifespan</td>
<td>5</td>
<td>C-</td>
</tr>
<tr>
<td>NURS 279</td>
<td>Nursing Practice Mental Health Nursing</td>
<td>5</td>
<td>C-</td>
</tr>
</tbody>
</table>

To be evaluated through the Program

Applicable to all admission categories

Applicants offered admission to the program are required to present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

Conditionally accepted applicants who have had a break in the continuity of their nursing program or who completed a portion of a nursing program through another institution may have to meet additional course requirements to establish course currency and/or course equivalence.

PROGRAM OF STUDY
### Term III

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Grade</th>
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</thead>
<tbody>
<tr>
<td>STAT 151</td>
<td>Introduction to Applied Statistics</td>
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</table>

#### YEAR III

**Term I**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Grade</th>
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</thead>
<tbody>
<tr>
<td>HLST 354</td>
<td>Healthy Populations</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>NURS 344</td>
<td>Fundamentals of Nursing Research</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>NURS 370</td>
<td>Nursing Care of the Acutely III Across the Lifespan</td>
<td>4</td>
<td>C-</td>
</tr>
<tr>
<td>NURS 372</td>
<td>Nursing Care of Families with Young Children Open Elective</td>
<td>3</td>
<td>C-</td>
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**Term II**

<table>
<thead>
<tr>
<th>Course ID</th>
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<th>Credits</th>
<th>Grade</th>
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</thead>
<tbody>
<tr>
<td>NURS 375</td>
<td>Nursing Practice: Nursing Care of Acutely III Across the Lifespan</td>
<td>5</td>
<td>C-</td>
</tr>
<tr>
<td>NURS 377</td>
<td>Nursing Practice: Nursing in the Community</td>
<td>5</td>
<td>C-</td>
</tr>
<tr>
<td>NURS 379</td>
<td>Nursing Practice: Nursing Care of Families with Young Children</td>
<td>5</td>
<td>C-</td>
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</table>

#### YEAR IV

**Term I**

<table>
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<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 472</td>
<td>Leadership in Nursing</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>NURS 474</td>
<td>Future Directions in Nursing</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>PHIL 386</td>
<td>Philosophy and Health Care</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td></td>
<td>Senior Elective</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td></td>
<td>Senior Nursing Elective</td>
<td>3</td>
<td>C-</td>
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</table>

**Term II**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 479</td>
<td>Nursing Practice: Professional Roles Influencing Care</td>
<td>5</td>
<td>C-</td>
</tr>
<tr>
<td>NURS 489</td>
<td>Nursing Practice: Preceptorship</td>
<td>9</td>
<td>C-</td>
</tr>
</tbody>
</table>

The Minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

### PROGRAM TIME LIMIT - EXEMPTION

A student in the Bachelor of Science in Nursing degree has six years from the first day of the term of acceptance to complete all requirements to be eligible for a credential (C2075 Program Time Limits).

### DEGREE REGULATIONS

Students are strongly encouraged to seek advice from a faculty or university advisor about program planning for completing degree requirements at MacEwan University.

### ENGLISH REQUIREMENT

A three-credit university-level English course at the 100, 200, 300, or 400 level is required as a prerequisite for Year 2; completion of ENGL 102 is recommended. ENGL 111, Communications, cannot be used to meet the English course requirement for the BScN.

### ELECTIVE AND PHILOSOPHY REQUIREMENTS

The Open Elective, Senior Elective, Senior NURS Elective and PHIL 386 are required as prerequisites for program completion. The Open Elective (100 to 400 level) and Senior Elective (200 to 400 level) are university-level theory courses excluding subject code NURS that extend knowledge within an area of interest. The Open Elective may also be chosen to satisfy a prerequisite requirement for a senior elective. The Senior Nursing Elective is a 300 or 400 university-level NURS course that extends nursing knowledge in an area of interest. Students are encouraged to complete these courses in advance of the final program term, thus avoiding a potential delay in fulfilling graduation requirements.

### PROGRESSION OF STUDIES

Course registration is required for attendance in all program courses. Students who have had a break in the continuity of their program may have additional course requirements to establish course currency. Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on program courses. In accordance with policy C2070 Academic Standing, a student who fails to complete a prerequisite course designated as being required for progression in the program (or for program completion) may be Required to Withdraw from the program.

### PROFESSIONAL CODE OF CONDUCT

Students must adhere to the Canadian Nurses Association Code of Ethics, the professional code of conduct and the confidentiality agreements signed with MacEwan University and clinical placement/other agencies.

### REGULATIONS GOVERNING CLINICAL COURSES

Students must achieve satisfactory performance in all clinical courses in accordance with the course/clinical criteria and outcomes. Clinical course hours may include days, evenings, nights and weekends. Students are to arrange their own transportation for required program activities and any costs incurred for meals, travel and accommodation are the student’s responsibility. Students will require daily access to a vehicle for any practice experience not accessible through public transportation. Required nursing practice placements will generally be within a 150 kilometer radius of the program site.

Students cannot be in attendance at clinical agencies as a MacEwan University nursing student except at times and locations authorized by the clinical course instructor for the course in which the student is currently enrolled. Students must comply with policy C2060 Work Integrated Learning regarding clinical and/or nursing practice placements.

Students must have completed all prerequisite courses as well as all program and agency pre-clinical requirements prior to the start of any clinical course. In accordance with policy C2060 Work Integrated Learning, the University reserves the right, at any point during the clinical placement, to remove a student from the clinical placement for serious performance issues (i.e., engaging in behaviour that places the client and/or others at risk or that is contrary to the professional or safety requirements of the placement). In such cases the Chair, through consultation with the Dean, will assign a grade of F in the course. Although the decision may be appealed according to policy E3103 Student Appeals, the student will not be permitted to remain in the clinical placement during the appeal.
POLICE INFORMATION CHECK
A current, clear Police Information Check (PIC) that includes a Vulnerable Sector Search is required for program admission. This check must be completed no earlier than 90 days prior to the program start date and submitted no later than the published document deadline. Having a pardon in progress does not meet the admission requirement for a clear PIC. Students are responsible for obtaining a PIC at intervals specified by clinical agencies and for making these available, upon request, to their clinical agency representative. Students may also be required to obtain child welfare checks for some clinical placements. Students must be able to satisfy agency requirements prior to the start of clinical placements. Students whose PIC status changes following program admission must self-report this change in status; this may compromise their ability to complete the program requirements as they may be denied required clinical placements and, therefore, be unable to meet graduation requirements.

PROGRAM STANDARDS
Students admitted to this program are presumed to be capable of fulfilling the academic requirements of their program with, if applicable, provision of reasonable accommodation. The reasonable accommodation of students with disabilities shall not require the University to lower its standards, academic or otherwise, nor shall it relieve a student of the responsibility to develop and demonstrate the essential skills and competencies expected of all students pursuing this program (policy E3400, Students with Disabilities).

IMMUNIZATION STATUS
Program students may be required to care for patients/clients who have infectious diseases such as Hepatitis B or other blood-borne pathogens. Students must be able to meet agency requirements for immunizations prior to the start of all clinical or practice placement courses. Current immunization against specified communicable diseases is required as a prerequisite for practice placements and thus for continued enrollment in the program.

N95 MASK
Program students must be fitted for an N95 mask as a prerequisite for clinical experiences, and refitted in accordance with health agency requirements. It is the responsibility of the student to meet the required timelines for mask fitting.

BASIC LIFE SUPPORT CERTIFICATION
A current Health Care Provider Level C Basic Life Support (BLS) certificate is required prior to the start of all clinical placements. The BLS certification must be for Health Care Providers and include one and two person rescuers (adult, infant, child), bag-valve masks, and automated external defibrillation (AED). BLS certification must be updated every 12 months to meet this requirement, with no grace period provided for the clinical courses.

AGENCY-SPECIFIC CERTIFICATIONS
Program students may be required to complete additional agency-specific certifications as a prerequisite for clinical experiences.

CONTACT INFORMATION
T: 780-497-5874
E: nurseinfo@macewan.ca
The Bachelor of Social Work program provides 3rd and 4th year undergraduate degree studies and will be of interest to Alberta Social Work diploma graduates and other students who have completed 60 university level Arts and Science credits. The School of Social Work offers transformative, collaborative and supportive education to prepare students for leadership roles in meeting the social justice mandate of the profession of social work. As professionals in a country that upholds respect for diversity, and in keeping with democratic rights and freedoms, social workers respect the distinct systems of beliefs and lifestyles of individuals, families, groups, communities and nations without prejudice (United Nations Centre for Human Rights, 1992). Specifically, social workers do not tolerate discrimination based on age, abilities, ethnic background, gender, language, marital status, national ancestry, political affiliation, race, religion, sexual orientation or socio-economic status (CASW Code of Ethics, 2005).

Unique to this degree is the focus on sustainability — how social, environmental and economic issues interrelate, and how we fit into the larger community. Students have the opportunity to focus their studies around a number of themes, including working with children and families, working with Indigenous people, health and mental health, and community social work practice. Students learn from faculty who are engaged in research, blended learning and all areas of social work practice.

CAREER POTENTIAL
Graduates of the program are eligible to apply to the Alberta College of Social Workers to become registered social workers (RSW). Graduates will have strong critical thinking skills and be prepared to work in a wide and diverse range of settings, making valuable contributions to the health and safety of children and families, supporting the development of a vibrant and healthy workforce, and providing leadership in the area of social and environmental sustainability.

TRANSFERABILITY
All courses completed for the Bachelor of Social Work degree are credit courses and may be individually transferable toward further study at other post-secondary institutions. Graduates are eligible to apply for Master of Social Work programs and should research the program of study and transfer policies at the institution they wish to attend to ensure compliance with admission and graduation requirements.

CATEGORIES OF ADMISSION
Applicants may be admitted to one of the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
1. a) Applicants must have completed MacEwan University’s Social Work Diploma (or equivalent) with a minimum AGPA of 2.5.
   OR
   b) Applicants must have completed 60 University level credits with a minimum AGPA of 2.5 and must have completed the following courses:
   • ENGL 102 and ENGL 103 (or equivalent) with a minimum grade of C-.
   • SOWK 240: Introduction to Social Work and Social Welfare (or equivalent) with a minimum grade of C-.

ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:
1. English Language Proficiency
   To be evaluated through the Office of the University Registrar

Applicable to all admission categories
All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation.

Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria
   To be evaluated through the Program

Applicable to all admission categories
Applicants are required to submit the following to be assessed by faculty from the School of Social Work:
   • A resume and personal/professional profile
   • Evidence of a minimum 70 hours of relevant volunteer/ work experience within the last two years.
   Except for applicants presenting the MacEwan University Social Work diploma, reference letters are required. Social Work diploma holders from Alberta institutions other than MacEwan are required to submit 2 letters of reference:
1. One from the Social Work program, and
2. One letter of reference from the applicant’s most recent field agency supervisor or related employment, if working in the field.

All other applicants are required to submit the following 3 letters of reference:
1. One from a related volunteer or work experience,
2. One academic reference, and
3. One additional reference.

Applicants offered admission are required to submit the following:
   • A clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.
   • An Alberta Children’s Services Intervention form.
# PROGRAM OF STUDY – SOCIAL WORK POST-DIPLOMA

## MAJOR

### YEAR III

#### Term I

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOWK 302</td>
<td>Indigenous Knowledge: Contributions to Sustainable Social Work Practice</td>
<td>3</td>
</tr>
<tr>
<td>SOWK 303</td>
<td>Social Work and Sustainability</td>
<td>3</td>
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<tr>
<td></td>
<td>Arts and Science Electives (3)</td>
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#### Term II

<table>
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<tr>
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<th>Course Name</th>
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<tbody>
<tr>
<td>SOWK 310</td>
<td>Social Work and Intercultural Practice</td>
<td>3</td>
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<tr>
<td>SOWK 311</td>
<td>Critical Thinking and Social Work Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>SOWK 3XX</td>
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### YEAR IV

#### Term III

<table>
<thead>
<tr>
<th>Course ID</th>
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<tbody>
<tr>
<td>SOWK 403</td>
<td>Leadership in Human Service Organizations</td>
<td>3</td>
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<tr>
<td>SOWK 4XX</td>
<td>Social Work Option</td>
<td>3</td>
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<td>Social Work Option</td>
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<thead>
<tr>
<th>Course ID</th>
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<tr>
<td>SOWK 4XX</td>
<td>Social Work Option</td>
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<tr>
<td>SOWK 450</td>
<td>Field Practicum</td>
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</tr>
<tr>
<td>SOWK 451</td>
<td>Field Practicum Seminar</td>
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Choose one of:

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<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SOWK 410</td>
<td>Advanced Social Work Practice with Children and Families</td>
<td>3</td>
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<td>SOWK 411</td>
<td>Advanced Social Work Practice with Indigenous Peoples</td>
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<tr>
<td>SOWK 412</td>
<td>Advanced Social Work Practice with Communities</td>
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</tr>
<tr>
<td>SOWK 413</td>
<td>Advanced Practice in Health and Mental Health Settings</td>
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</tbody>
</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

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# PROGRAM OF STUDY – UNIVERSITY CREDIT TRANSFER

## MAJOR

### YEAR III

#### Term I

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SOWK 301</td>
<td>Introduction to Social Work Ideology and Ethics</td>
<td>3</td>
</tr>
<tr>
<td>SOWK 302</td>
<td>Indigenous Knowledge: Contributions to Sustainable Social Work Practice</td>
<td>3</td>
</tr>
<tr>
<td>SOWK 303</td>
<td>Social Work and Sustainability</td>
<td>3</td>
</tr>
<tr>
<td>SOWK 304</td>
<td>Human Development and the Environment</td>
<td>3</td>
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<tr>
<td>SOWK 305</td>
<td>Social Work Practice with Individuals and Families</td>
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#### Term II

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<td>SOWK 312</td>
<td>Social Policy</td>
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<tr>
<td>SOWK 401</td>
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<td>3</td>
</tr>
<tr>
<td>SOWK 402</td>
<td>Social Work with Groups</td>
<td>3</td>
</tr>
<tr>
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<td>3</td>
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The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.
DEGREE REGULATIONS
Students are strongly encouraged to seek advice from a faculty or university advisor about program planning for completing degree requirements at MacEwan University.

PROGRESSION OF STUDIES
Course registration is required for attendance in all program courses. Students who have had a break in the continuity of their program may have additional course requirements to establish course currency.

PROFESSIONAL CODE OF CONDUCT
MacEwan University requires all students to conduct themselves in accordance with University policies, regulations and procedures to uphold the learning environment and to promote student success. In addition, students must adhere to the Canadian Association of Social Workers (CASW) Code of Ethics and the confidentiality agreements signed with MacEwan University and field practicum/other agencies.

FIELD PRACTICUM
Students will be assigned field practicum placements based on availability, student interest and agency input. Information regarding field practicum arrangements is available from the BSW field placement coordinator.

It is expected that students will be in practicum for a specific number of hours each week for the duration of their scheduled term. Since the practicum represents a significant time commitment, students are expected to plan accordingly and arrange to dedicate the number of hours required to complete their practicum within the registered term.

Failure in a practicum indicates serious concern about a student’s ability to practice social work, and students who fail a field practicum need the permission of the program to repeat the practicum. Students who are asked to leave their field practicum will be normally assigned a failing grade of ‘F’. Where there is clear concern about a student’s professional suitability evident in a field practicum, a student may be asked to withdraw from the Bachelor of Social Work program by the Director of the School of Social Work.

AGENCY-SPECIFIC REQUIREMENTS
Students must be able to meet requirements for immunizations prior to the start of all practicum courses if required by their field placement agency. Students may be required to complete additional agency-specific certifications as a prerequisite for practicum experiences.

PROGRAM GRADUATION REGULATIONS
Security Clearance – A student must meet the specific security clearance requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

CONTACT INFORMATION
T: 780-497-5099
E: bsw@macewan.ca
APPLIED DEGREE PROGRAMS

Bachelor of Applied Business Administration –
   Accounting (suspended) .............................. 118
Bachelor of Applied Human Service Administration . . . 119
Suspended: There are no planned intakes for this program. Applications for admission are not being accepted.

The Bachelor of Applied Business Administration – Accounting prepares students for careers in accounting and industry-related professions. This applied degree is completed after an accounting diploma, so students who have graduated from programs like MacEwan University’s Accounting and Strategic Measurement diploma possess the right entrance credential. The accountant’s role is changing, demanding that graduates think strategically, view business from more than a financial perspective and develop a modern, whole-business picture.

The applied degree combines professional accounting studies with extensive learning and practice cycles in the workplace. Preparation for entry into the applied degree is completed in programs like MacEwan University’s Accounting and Strategic Measurement diploma (or equivalent from another recognized post-secondary institution that includes the prerequisite courses). The first year of this credential is comprised of advanced accounting study that builds upon the knowledge and skills gained in previous post-secondary education. The second year is when all directed field studies take place. This component of the program of study is where students explore real business issues by conducting both practical and academic research while working. The combination of classroom instruction with one year of mentored studies in industry prepares students for immediate success in the workplace.

This program is targeted to students who are seeking high-level careers as accountants. Successful students are self-motivated and possess strong oral and written communication skills. Critical thinking and problem-solving skills are essential, as is the ability to work in a team environment. Students must have the ability to synthesize and analyze information and be comfortable in a technology-enhanced environment.

This program requires that students use a laptop computer for many classes. For information on the laptop hardware and software requirements, contact the program’s advisor.

CAREER POTENTIAL
This applied degree is recognized by the CPA designation as meeting its degree requirements, as well as prerequisite subject area requirements.

The applied degree is intended to educate and train students for careers as accountants. Graduates find jobs as accountants, cost analysts, payroll accountants, or supervisors in related areas. They also enjoy job opportunities at different levels in financial accounting, internal auditing, financial analysis, cost accounting, public accounting firms and government departments. Graduates work in a variety of environments such as government, industry, accounting firms, banks, hospitals and consulting firms.

PROGRAM OF STUDY

YEAR III
Term V
Course ID  Course Name  Credits
ACCT 350  Audit 3
ACCT 358  Advanced Management Accounting 3
ACCT 370  Directed Field Study Seminar 3
ACCT 410  Financial Accounting - Advanced 3
ECON 102  Introduction to Macroeconomics 3
Term VI
Course ID  Course Name  Credits
ACCT 353  Leadership and Ethics 3
ACCT 391  Accounting Theory 3
Options - Choose three courses from:
Course ID  Course Name  Credits
ACCT 328  Income Tax Fundamentals 3
ACCT 366  Government and Not-for-Profit Accounting 3
ACCT 390  Advanced Audit 3
ACCT 395  Advanced Finance 3
MGTS 352  Operations Management 3

YEAR IV
Term VII
Course ID  Course Name  Credits
ACCT 371  Directed Field Study I 3
ACCT 372  Directed Field Study II 3
ACCT 373  Directed Field Study III 3
ACCT 374  Directed Field Study IV 3
ACCT 493  Integrated Case Studies in Accounting 3
Term VIII
Course ID  Course Name  Credits
ACCT 375  Directed Field Study V 3
ACCT 376  Directed Field Study VI 3
ACCT 377  Directed Field Study VII 3
ACCT 378  Directed Field Study VIII 3
ACCT 398  Strategic Management 3

CONTACT INFORMATION
T: 780-497-5162
E: accounting@macewan.ca
BACHELOR OF APPLIED HUMAN SERVICE ADMINISTRATION

Faculty of Health and Community Studies - Department of Human Services and Early Learning
MacEwan.ca/HSA

Bachelor of Applied Human Service Administration (BAHSA) is a distance-delivered program designed for individuals working in the health or human service field who hold, or strive to hold, supervisory or management positions. Distance study makes the program accessible to students regardless of geographic location and provides the flexibility to balance studies with professional and family responsibilities. Students access their course material and readings online and become part of a virtual community of learners. Faculty guide student learning through online class discussions and activities.

The curriculum includes theory in administration, with an emphasis on leadership, supervision and management. Studies include human, financial and physical resource management, managing change, communication, community-based practice, research practices and trend and issue analysis. Assignments are practical in nature and generally involve the application of theory to the student’s workplace. Building on a previous diploma or degree, the program consists of ten 3-credit theory courses and two 15-credit directed field studies. Students may complete the directed field studies in their current workplace or in an appropriate agency. Study may be full or part-time. Students have six years to complete the program; however, it may be completed in as little as three years.

CAREER POTENTIAL
BAHSA graduates are employed in managerial roles in a wide variety of agencies including early learning, child and youth care, community living, human ecology, addictions, corrections, social work, rehabilitation, non-profit/voluntary sector, health care, gerontology and related fields. BAHSA graduates have the knowledge, management skills and confidence to manage a dynamic staff of practitioners, work with boards, be an effective human service leader, and still serve the clients and families at the heart of their organization.

TRANSFERERABILITY

EXTERNAL TRANSFER
All courses completed for the Bachelor of Applied Human Service program are credit courses and may be transferable individually toward further study at other Alberta institutions. For current, detailed information on individual course transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

Students presenting a completed applied degree in this program may be eligible for further study, including graduate programs, at Canadian colleges and universities. For further information about these study options, contact an advisor.

CATEGORY OF ADMISSION
Applicants may be admitted to the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must have: a two-year diploma or a minimum of 60 credits from a recognized post-secondary institution with an Admission Grade Point Average (AGPA) of 2.0 or better on a 4.0 scale with a minimum grade of C- in MacEwan University’s ENGL 111 or equivalent.

ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:

1. English Language Proficiency
To be evaluated through the Office of the University Registrar

Applicable to all admission categories
All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.
## PROGRAM OF STUDY

### YEAR III

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<tr>
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<td>HSAD 300</td>
<td>The Human Service Administrator</td>
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<tr>
<td>HSAD 305</td>
<td>Interpersonal Communication Skills for Human Service Administrators</td>
<td>3</td>
</tr>
<tr>
<td>HSAD 310</td>
<td>Managing Human Resources</td>
<td>3</td>
</tr>
<tr>
<td>HSAD 315</td>
<td>Managing Financial Resources in Human Service Agencies</td>
<td>3</td>
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<tr>
<td>HSAD 325</td>
<td>Research Practices in Human Service</td>
<td>3</td>
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<tr>
<td>HSAD 330</td>
<td>Managing Physical Resources in Human Service Agencies</td>
<td>3</td>
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<td>HSAD 335</td>
<td>Managing Change in Human Service Agencies</td>
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<td>HSAD 345</td>
<td>Community-Based Practice in Human Service Agencies</td>
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<td>HSAD 350</td>
<td>Trends and Issues in Human Service Administration</td>
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<tr>
<td>HSAD 459</td>
<td>Directed Field Study in Human Service Administration I</td>
<td>15</td>
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<tr>
<td>HSAD 499</td>
<td>Directed Field Study in Human Service Administration II</td>
<td>15</td>
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</tbody>
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### CONTACT INFORMATION

T: 780-497-5164  
Toll-free: 1-888-497-4622 ext. 5164  
E: hsa@macewan.ca
POST-DIPLOMA CERTIFICATE PROGRAMS

Cardiac Nursing Post-Basic Certificate ............... 122
Perioperative Nursing for Registered Nurses ........ 123
Post-Basic Nursing Practice .......................... 125
Wound Management Post-basic Certificate .......... 126
CARDIAC NURSING POST-BASIC CERTIFICATE

Faculty of Nursing - Centre for Professional Nursing Education
MacEwan.ca/CardiacNursing

The Cardiac Nursing Post-basic certificate is intended for experienced nurses who are currently working in cardiac sciences, as well as for those who have an interest in caring for the cardiac population. The program provides registered nurses with the specialty knowledge and expertise required to work with patients with or at risk for cardiac disease. The entire patient journey is addressed, including health promotion, disease prevention, management of acute episodes and chronic conditions, rehabilitation and palliation. The program prepares cardiac nurses to provide care to individual families, groups, communities and populations in a variety of settings in both urban and rural environments.

Online delivery courses offer mature learners the flexibility to balance their studies with professional commitments and family responsibilities.

CAREER POTENTIAL
A broad spectrum of employment opportunities are available for qualified cardiac nurses. Graduates work in emergency departments, coronary care units, medical units, diagnostic imaging centres, rehabilitation settings, research areas and out-patient units. Because nurses have contact with cardiac patients in a myriad of settings, they are strategically positioned to confront cardiac disease and to educate patients and their families about the disease and its treatment.

CATEGORIES OF ADMISSION
Applicants may be admitted to the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must present a Nursing diploma or degree and be actively registered in Canada as a Registered Nurse or Graduate Nurse with a practice permit and eligibility to write the Canadian Registered Nurse Exam (CRNE) or licensed as a nurse in another country, and have received a practice permit from their professional jurisdiction.

ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:

1. English Language Proficiency
To be evaluated through the Office of the University Registrar

Applicable to all admission categories
All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria
To be evaluated through the Program

Applicable to all admission categories
Applicants must present a current Basic Life Support for Health Care Providers Level C certificate.

PROGRAM OF STUDY

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
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<tr>
<td>PBNS 465</td>
<td>Pathophysiology of Cardiac Disorders</td>
<td>3</td>
<td>C-</td>
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<tr>
<td>PBNS 466</td>
<td>Focused Assessment of Cardiac Function</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>PBNS 467</td>
<td>Management of Cardiac Disorders</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>PBNS 468</td>
<td>Care of the Cardiac Surgical Patient</td>
<td>4</td>
<td>C-</td>
</tr>
<tr>
<td>PBNS 469</td>
<td>Advanced Management of Cardiac Disorders</td>
<td>4</td>
<td>C-</td>
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</table>

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CONTACT INFORMATION
T: 780-497-5188
Toll-free: 1-888-497-9390
E: cardiac@macewan.ca
PERIOPERATIVE NURSING FOR REGISTERED NURSES

Faculty of Nursing - Centre for Professional Nursing Education
MacEwan.ca/PeriopRN

Nurses in the perioperative field provide care and support to patients before, during and after surgery. Ultimately, nurses are responsible for maintaining a sterile environment in the operating room, monitoring the patient during surgery and coordinating care throughout the process.

The courses, offered via online distance delivery and classroom lab, provide registered nurses with the fundamental skills required to work alongside surgeons and other health care professionals in a challenging, fast-paced and team-oriented environment – the operating room.

Students in the Perioperative Nursing for Registered Nurses program come with a diverse base of expertise, from new graduates to seasoned generalists, seeking a new challenge and direction in nursing. Upon successful completion of the program and fulfillment of the clinical hours, nurses are eligible to write the Canadian Nurses Association certification for nursing specialties exam in perioperative nursing.

CAREER POTENTIAL
Due to an aging workforce and the growing demand for health care, the need for nurses in the specialty of perioperative nursing has never been stronger.

CATEGORY OF ADMISSION
Applicants may be admitted to the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must be actively registered in Canada as a Registered Nurse or a graduate nurse with a practice permit and eligibility to write National Council Licensure Examination for Registered Nurses (NCLEX).

ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:
1. English Language Proficiency
   To be evaluated through the Office of the University Registrar

Applicable to all admission categories
All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

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<tbody>
<tr>
<td>PBNS 401</td>
<td>Foundations of Perioperative Nursing Practice</td>
<td>2</td>
<td>C+</td>
</tr>
<tr>
<td>PBNS 402</td>
<td>Concepts of anesthesia within perioperative nursing</td>
<td>2</td>
<td>C+</td>
</tr>
<tr>
<td>PBNS 403</td>
<td>Perioperative nursing in the preoperative, intraoperative and postoperative environment</td>
<td>4</td>
<td>C+</td>
</tr>
<tr>
<td>PBNS 404</td>
<td>Fundamentals of Perioperative Techniques</td>
<td>2</td>
<td>C+</td>
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<tr>
<td>PBNS 405</td>
<td>Perioperative Clinical Preceptorship</td>
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ACADEMIC RESIDENCY - EXEMPTION
A student in the Perioperative Nursing for Registered Nurses program must complete at least 44 per cent of courses through MacEwan University. Challenge examinations, transfer credit and other special assessments (for example, prior learning and recognition) are not included in the 44 per cent.
PROGRAM GRADUATION REGULATIONS
Students are strongly encouraged to seek advice from the University Advisor about program planning.

Progression of Studies
Students are responsible for ensuring they meet the prerequisite requirements as noted on program courses.

Professional Code of Conduct
Students must adhere to the Canadian Nurses Association Code of Ethics, the professional code of conduct and the confidentiality agreements signed with MacEwan by the clinical placement/other agencies.

Regulations Governing Clinical Courses
Students must achieve satisfactory performance in all clinical courses in accordance with the course/clinical criteria and outcome. Clinical course hours may include days, evening, nights and weekends.

- Students must start their clinical placement within a four month period of completing the clinical skills lab. If more than four months have lapsed since their successful completion of the clinical skills lab, students will be required to repeat the clinical skills lab to ensure currency of skills prior to starting the clinical placement.

In order to secure a clinical placement, the program requires all students to do the following:

- Complete a Personal Information Disclosure Authorization Form so that the Program may forward the student’s name to the clinical placement site.

Students shall acknowledge that clinical placements may not be available at the time(s) or in the location(s) preferred by the student. While every effort shall be made by the Program to secure a suitable placement according to the student needs and or preference, all students shall accept that labour market conditions are variable and beyond the Program’s control.

Notwithstanding of the above, students shall accept the first clinical placement available. In the event that a student does not accept the first available clinical placement, the Program shall not be responsible for arranging an alternative. Students are fully responsible for obtaining required licences and/or permits prior to commencing a clinical placement.

Once a placement is accepted by the student, the student shall remain at the clinical placement site for the entirety of the placement. Days missed due to illness and extenuating circumstance will need to be made up.

Students must have completed all prerequisite courses as well as all program and agency pre-clinical requirements prior to the start of any clinical course. In accordance with policy C2060 Work Integrated Learning, the university reserves the right, at any point during the clinical placement, to remove a student from the clinical placement for serious performance issues (i.e., engaging in behaviour that places the client and/or other at risk or that is contrary to the professional or safety requirements of the placement). In such cases and with concurrence of the Dean, the student will be assigned a grade of F in the course. Although the decision may be appealed according to policy E3103 Appeals, the student will not be permitted to remain in the clinical placement during the appeal.

Police Information Check
A current clear police information check is required prior to starting the clinical course.

Health Status
Students must be able, both physically and mentally, to fully undertake all program activities without the need for modifying program standards, academic or otherwise. Policy E3400, Student with Disabilities, states that students are “presumed to be capable of fulfilling the essential requirements of the program, with the provision of reasonable accommodation when required”.

Immunization Status
Program students may be required to care for patients/clients who have infectious diseases such as Hepatitis B or other blood-borne pathogens. Current immunization against specified communicable diseases is required prior to registration in the clinical course.

N 95 Mask
Students must be fitted for an N95 mask as a prerequisite for clinical experiences and refitted in accordance with health zone requirements. It is the responsibility of the student to meet the required timelines for mask fitting.

Basic Life Support Certification
A current Heart and Stroke Basic Life Support (BLS) Provider or equivalent certificate is required prior to start of the clinical placement. BLS certification is updated every 12 months to meet this requirement.

CONTACT INFORMATION
University Advisor
T: 780-497-5188
Toll-free: 1-888-497-9390
E: cpne@macewan.ca
POST-BASIC NURSING PRACTICE

Faculty of Nursing - Centre for Professional Nursing Education  
MacEwan.ca/PostBasic

As our population continues to age, the demand for nurses qualified to work with both the elderly and the terminally ill will increase. MacEwan University’s Post-basic Nursing Practice certificate meets this demand as it combines the common skill sets necessary for practice in the areas of gerontology or hospice palliative care. Through innovative distance education strategies, this 18-credit program challenges nurses to apply their compassion, dedication, leadership and knowledge to end-of-life care populations. Evidence-based theoretical foundations guide students to best practices in palliative care and gerontological nursing. The program also prepares nurses to write the Canadian Nurses Association gerontological or hospice palliative care certification examinations and contributes to the ongoing educational competency expectations of provincial associations.

CAREER POTENTIAL
The global nursing shortage has created unprecedented career opportunities for nurses who specialize in their practice. Graduates are prepared for rewarding careers in their pursuit of excellence in a variety of acute care, continuing care, hospice or community practice settings. Nurses enrolled in the certificate build increased knowledge and skill in the physical, social, emotional and spiritual domains of specialized client care.

CATEGORIES OF ADMISSION
Applicants may be admitted to one of the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must be actively registered in Canada as one of the following:
- Registered Nurse
- Registered Psychiatric Nurse
- Graduate Nurse with a temporary permit
- Licensed Practical Nurse, Registered Practical Nurse

ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:
1. English Language Proficiency
To be evaluated through the Office of the University Registrar

Applicable to all admission categories
All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

PROGRAM OF STUDY – GERONTOLOGY MAJOR

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 475</td>
<td>Ethics in Gerontology and Palliative Care</td>
<td>2</td>
<td>C-</td>
</tr>
<tr>
<td>NURS 476</td>
<td>Leadership in Care Management</td>
<td>2</td>
<td>C-</td>
</tr>
<tr>
<td>NURS 477</td>
<td>Therapeutic Relations in Specialty Practice</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>NURS 478</td>
<td>Field Project</td>
<td>1</td>
<td>C-</td>
</tr>
<tr>
<td>NURS 480</td>
<td>Conceptualizing Gerontology</td>
<td>2</td>
<td>C-</td>
</tr>
<tr>
<td>NURS 481</td>
<td>Optimizing Older Adult Health</td>
<td>4</td>
<td>C-</td>
</tr>
<tr>
<td>NURS 482</td>
<td>Dementia Care in the Elderly</td>
<td>4</td>
<td>C-</td>
</tr>
</tbody>
</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

PROGRAM OF STUDY – HOSPICE PALLIATIVE CARE MAJOR

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 475</td>
<td>Ethics in Gerontology and Palliative Care</td>
<td>2</td>
<td>C-</td>
</tr>
<tr>
<td>NURS 476</td>
<td>Leadership in Care Management</td>
<td>2</td>
<td>C-</td>
</tr>
<tr>
<td>NURS 477</td>
<td>Therapeutic Relations in Specialty Practice</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>NURS 478</td>
<td>Field Project</td>
<td>1</td>
<td>C-</td>
</tr>
<tr>
<td>NURS 483</td>
<td>Conceptualizing Hospice Palliative Care</td>
<td>2</td>
<td>C-</td>
</tr>
<tr>
<td>NURS 484</td>
<td>Pain Assessment and Management</td>
<td>4</td>
<td>C-</td>
</tr>
<tr>
<td>NURS 485</td>
<td>Palliative Symptoms</td>
<td>4</td>
<td>C-</td>
</tr>
</tbody>
</table>

CONTACT INFORMATION
T: 780-497-5188  
Toll-free: 1-888-497-9390  
E: cpne@macewan.ca

Note: Not accepting applications at this time.
WOUND MANAGEMENT POST-BASIC CERTIFICATE

Faculty of Nursing - Centre for Professional Nursing Education
MacEwan.ca/Wound

The Wound Management Post-basic certificate provides health care practitioners with the specialty knowledge and expertise required to work in a practice setting with patients who have complex wounds resulting from a variety of disease pathologies and factors. The focus of the program is on the management of all complex wounds, but some emphasis is placed on certain populations that are at greater risk to develop wounds.

Prevention of the exacerbation of wounds is covered throughout the program. It is part of a standardized approach to wound management involving all members of an interdisciplinary wound management team.

Distance delivery courses offer mature learners the flexibility to balance their studies with professional commitments and family responsibilities. The program is offered via online distance delivery. Labs are presented live over the internet.

CAREER POTENTIAL
As the population ages and produces a higher number of patients at risk for developing complex wounds, there is an increase in demand for health care practitioners skilled in complex wound management.

CATEGORIES OF ADMISSION
Applicants may be admitted to the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must have, at minimum, a diploma in a health-related discipline (e.g. nursing, occupational therapy, physiotherapy, pharmacy, dietetics).

ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:

1. English Language Proficiency
To be evaluated through the Office of the University Registrar

2. Other Admission Criteria
To be evaluated through the Program

PROGRAM OF STUDY

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLST 350</td>
<td>Principles of Wound Assessment and Management</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>HLST 351</td>
<td>Management of Chronic and Problem Acute Wounds</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>HLST 352</td>
<td>Wound Management Clinical</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>HLST 353</td>
<td>Drains, Fistulas, Peristomal</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>HLST 355</td>
<td>Vascular Assessment</td>
<td>3</td>
<td>C-</td>
</tr>
</tbody>
</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

PROGRAM GRADUATION REGULATIONS
Students are strongly encouraged to seek advice from the University Advisor about program planning.

Progression of Studies
Students are responsible for ensuring they meet the prerequisite requirements as noted on program courses.

Professional Code of Conduct
Students must adhere to their professional code of conduct and the confidentiality agreements signed with MacEwan by the clinical placement/other agencies.

Regulations Governing Clinical Courses
Students must achieve satisfactory performance in all clinical courses in accordance with the course/clinical criteria and outcome. Clinical course hours may include days, evenings, nights and weekends.

Notwithstanding of the above, students shall accept the first clinical placement available. In the event that a student does not accept the first available clinical placement, the Program shall not be responsible for arranging an alternative.

Students shall acknowledge that clinical placements may not be available at the time(s) or in the location(s) preferred by the student. While every effort shall be made by the Program to secure a suitable placement according to the student needs and or preference, all students shall accept that labour market conditions are variable and beyond the Program’s control.

In such cases and with concurrence of the Dean, the student will be assigned a grade of F in the course. Although the decision may be appealed according to policy E3103 Appeals, the student will not be
permitted to remain in the clinical placement during the appeal.

**Police Information Check**
A current clear police information check is required prior to starting the clinical course.

**Health Status**
Students must be able, both physically and mentally, to fully undertake all program activities without the need for modifying program standards, academic or otherwise. Policy E3400, Student with Disabilities, states that students are “presumed to be capable of fulfilling the essential requirements of the program, with the provision of reasonable accommodation when required”.

**Immunization Status**
Program students may be required to care for patients/clients who have infectious diseases such as Hepatitis B or other blood-borne pathogens. Current immunization against specified communicable diseases is required prior to registration in the clinical course.

**N 95 Mask**
Students must be fitted for an N95 mask as a prerequisite for clinical experiences and refitted in accordance with health zone requirements. It is the responsibility of the student to meet the required timelines for mask fitting.

**Basic Life Support Certification**
A current Health and Stroke Basic Life Support (BLS) Provider or equivalent certificate is required prior to start of the clinical placement. BLS certification is updated every 12 months to meet this requirement.

**CONTACT INFORMATION**
T: 780-497-5188  
Toll-free: 1-888-497-9390  
E: cpne@macewan.ca
UNIVERSITY TRANSFER

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BACHELOR OF PHYSICAL EDUCATION TRANSFER

Faculty of Health and Community Studies - Department of Allied Health and Human Performance
MacEwan.ca/PhysEd

The Bachelor of Physical Education Transfer program offers first and second-year courses that may be used toward obtaining a Bachelor of Kinesiology, a Bachelor of Science in Kinesiology, or a five-year combined Bachelor of Kinesiology/Bachelor of Education degree offered at the University of Alberta.

MacEwan University offers a student-centred focus in the delivery of the program by offering small classes and opportunities to participate in intramural and interscholastic athletic activities.

Admission to the program is competitive and is subject to a quota. The competitive admission average may be considerably higher than the posted minimum.

CAREER POTENTIAL
Growing interest in health and personal fitness makes this degree an attractive area of study for the future. Potential growth occupations include secondary and elementary school teachers, administrative and managerial positions, and lifestyle and fitness consultants. Graduates have also found work as athletic therapists, coaches and kinesiologists. Graduates have continued their education and entered professional programs such as Physiotherapy and Medicine. The physical education experience provides a well-rounded education and the people skills needed to find employment in a variety of areas.

TRANSFERABILITY
All courses completed within the Bachelor of Physical Education Transfer program are credit courses and may be transferable individually toward further study at other Alberta institutions. For current, detailed information on individual course transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

The Bachelor of Physical Education Transfer program is aligned to specifically meet the admission and program requirements at the University of Alberta.

a) Students in the program who have achieved a GPA of 2.5 on their most recent 24 credits and who have successfully completed a minimum of 45 university transferable credits are guaranteed entrance to the Bachelor of Kinesiology degree at the University of Alberta.

b) Students who have completed a minimum of 45 credits with a GPA below 2.5 on their most recent 24 credits may be offered admission on a space available basis. NOTE: Admission will be competitive.

Students are eligible to apply for admission to the Faculty of Physical Education and Recreation at the University of Alberta in the B.Sc. in Kinesiology and combined BKin/BEd routes if they have:

a) Successfully completed the five required matriculation subjects (B.Sc. in Kinesiology students must see an advisor).

b) Met all other admission criteria established by the Faculty of Physical Education and Recreation (including presenting the competitive admission average on the most recent 24 credits).

The University of Alberta retains the right to impose quota restrictions on any faculty and possession of all the minimum requirements may not guarantee admission.

Students may also transfer to an institution other than the University of Alberta after one or two years of study. Each institution has its own admission and graduation requirements. Students are responsible for familiarizing themselves with the requirements of the institution of their choice. For additional information on transferring from the Bachelor of Physical Education Transfer program, including information on transferring individual coursework to the University of Alberta, please see an advisor.

CATEGORIES OF ADMISSION
Applicants may be admitted to one of the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:
1. ELA 30-1
2. Biology 30
3. Three subjects from Group A, B, C, or D

Notes:
• Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
• A maximum of two Group B subjects may be presented; they must be from different disciplines.
• A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale (no time limit on calculation of AGPA).
MATURE ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, in the following high school courses:
1. ELA 30-1 with a minimum grade of 60 percent
2. Biology 30 with a minimum grade of 60 percent
Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale (no time limit on calculation of AGPA).

PREVIOUS POST-SECONDARY WORK
To be evaluated through the Office of the University Registrar
Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted. Applicants must have successfully completed the following from a recognized institution:
• A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular or Mature Admission category.

ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:
1. English Language Proficiency
To be evaluated through the Office of the University Registrar
Applicable to all admission categories
All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

PROGRAM OF STUDY

YEAR I
<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 102</td>
<td>Analysis and Argument</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 103</td>
<td>Introduction to Literature</td>
<td>3</td>
</tr>
<tr>
<td>PEDS 100</td>
<td>Structural Anatomy</td>
<td>3</td>
</tr>
<tr>
<td>PEDS 101</td>
<td>Introduction to Human Physiology</td>
<td>3</td>
</tr>
<tr>
<td>PEDS 103</td>
<td>Integrative Human Physiology</td>
<td>3</td>
</tr>
<tr>
<td>PEDS 109</td>
<td>Statistics, Measurement, and Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>PERL 104</td>
<td>Introduction to Sociocultural Aspects of Leisure and Sport</td>
<td>3</td>
</tr>
<tr>
<td>PERL 105</td>
<td>Introduction to the Management of Sport, Physical Activity and Recreation Programs</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 104</td>
<td>Introductory Psychology I</td>
<td>3</td>
</tr>
<tr>
<td>PACT coursework</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

YEAR II
<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEED 220</td>
<td>Introduction to the Biological Aspects of Fitness to Health</td>
<td>3</td>
</tr>
<tr>
<td>PEDS 200</td>
<td>Physiology of Exercise</td>
<td>3</td>
</tr>
<tr>
<td>PEDS 203</td>
<td>Skill Acquisition and Performance</td>
<td>3</td>
</tr>
<tr>
<td>PEDS 206</td>
<td>Biomechanics</td>
<td>3</td>
</tr>
<tr>
<td>PEDS 207</td>
<td>Physical Growth and Psychomotor Development</td>
<td>3</td>
</tr>
<tr>
<td>PEDS 209</td>
<td>Research Methods in Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>PEDS 240</td>
<td>Introduction to Sports Injury Management</td>
<td>3</td>
</tr>
<tr>
<td>PERL 204</td>
<td>Canadian History of Leisure, Sport and Health</td>
<td>3</td>
</tr>
<tr>
<td>PERL 207</td>
<td>Adapted Physical Activity and Leisure for Diverse Populations</td>
<td>3</td>
</tr>
<tr>
<td>PESS 195</td>
<td>Spectrum of Dance in Society</td>
<td>3</td>
</tr>
</tbody>
</table>

CONTACT INFORMATION
T: 780-633-3594
E: physed@macewan.ca
The Bachelor of Science in Engineering Transfer program offers first-year courses that may be used toward obtaining a Bachelor of Science in Engineering at the University of Alberta. Credit for courses taken at MacEwan University may be transferred to other post-secondary institutions within or outside Alberta. For a complete listing of transferable courses within Alberta, refer to the Alberta Transfer Guide website at www.transferalberta.ca.

MacEwan University provides a student-centred focus in the delivery of the program by offering small class sizes, extra tutorial sessions and an annual boot camp to prepare students for the challenging course material.

Admission to the Bachelor of Science in Engineering Transfer program is competitive and is subject to a quota. The competitive admission average may be considerably higher than the posted minimum. Within the overall quota, limitations are also placed on the number of international (visa) and mature students, and on the number of students who have been previously enrolled in other post-secondary institutions.

TRANSFERABILITY
All courses completed within the Bachelor of Science in Engineering Transfer program are credit courses and may be transferable individually toward further study at MacEwan University and other Alberta institutions. For current, detailed information on individual course transferability, contact your program advisor, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution.

The Bachelor of Science in Engineering Transfer program is specifically aligned to meet the admission and program requirements at the University of Alberta. The general requirements for transferring into Year II at the Faculty of Engineering are:

1. A minimum grade point average of 2.5 on the 4.0 scale.
2. Successful completion with a grade of C- or higher of a minimum of 30 engineering transfer credits (not including ENGG 100 and ENGG 101).

Note:
• No post-secondary substitutions may be used in lieu of high school courses.

To be evaluated through the program
Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale (no time limit on calculation of AGPA).

Applicants cannot be accepted for admission into the program who have more than one core engineering course from the first year program of study (this includes English but not complementary studies electives).

PREVIOUS POST-SECONDARY WORK

To be evaluated through the program
Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following:
• An approved engineering technology diploma from NAIT, SAIT or Lethbridge College with a minimum Admission Grade Point Average (AGPA) of 3.3 on a 4.0 scale.
• The required core courses listed under the Regular Admission category.
ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:

1. English Language Proficiency
   To be evaluated through the Office of the University Registrar

Applicable to all admission categories
All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria
   To be evaluated through the Office of the University Registrar

Applicable to all admission categories
Applicants who have been required to withdraw twice from any recognized post-secondary institution or once from any engineering or engineering technology program will not be considered for admission or re-admission to the Program.

PROGRAM OF STUDY

YEAR I
Term I

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHME 103</td>
<td>Introductory University Chemistry I for Engineers</td>
<td>4.3</td>
</tr>
<tr>
<td>ENGG 100</td>
<td>Orientation to the Engineering Profession I</td>
<td>1</td>
</tr>
<tr>
<td>ENGG 130</td>
<td>Engineering Mechanics - Statics</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 199</td>
<td>Writing for Engineers</td>
<td>3</td>
</tr>
<tr>
<td>MATH 100</td>
<td>Calculus I</td>
<td>3.5</td>
</tr>
<tr>
<td>PHYS 130</td>
<td>Wave Motion, Optics and Sound</td>
<td>3.8</td>
</tr>
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</table>

Term II

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHME 105</td>
<td>Introductory University Chemistry II for Engineers</td>
<td>3.8</td>
</tr>
<tr>
<td>ENCP 100</td>
<td>Computer Programming for Engineers</td>
<td>3.8</td>
</tr>
<tr>
<td>ENGG 101</td>
<td>Orientation to the Engineering Profession II</td>
<td>1</td>
</tr>
<tr>
<td>ENPH 131</td>
<td>Engineering Mechanics - Dynamics</td>
<td>4.3</td>
</tr>
<tr>
<td>MATH 101</td>
<td>Calculus II</td>
<td>3.5</td>
</tr>
<tr>
<td>MATH 102</td>
<td>Applied Linear Algebra</td>
<td>3.5</td>
</tr>
</tbody>
</table>

CONTACT INFORMATION
T: 780-497-4505
E: engineering@macewan.ca
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ACCOUNTING AND STRATEGIC MEASUREMENT

School of Business
MacEwan.ca/Accounting

Success in today’s business world depends on sound decisions based on timely, accurate and well-directed financial information. Successful accounting students have good analytical skills, are able to work in a team environment and are self-motivated. In addition, they need effective oral and written communication skills for success.

Good computing skills are essential for this technology-integrated program. Students enrolled in the day sections carry and use laptop computers for optimal learning in technology courses. Students are responsible for the hardware and software costs.

The Accounting and Strategic Measurement program provides students with the option of working toward either the one-year Accounting Technology certificate or the two-year diploma. Students performing at a high level may consider applying for a block transfer to the Bachelor of Commerce.

This program requires that students carry and use a laptop computer for most daytime classes. Evening and online students must have access to a computer. For information on the laptop hardware and software requirements, contact a program advisor.

Accounting Technology Certificate
The Accounting Technology certificate is designed to provide students with practical, marketable skills, and comprises the first 10 courses of the diploma providing them with introductory level accounting knowledge. The program may be taken on a full-time basis during the day, and a part-time program is offered in the evening. This certificate is also available online.

CAREER POTENTIAL
With skills in accounting and computing, graduates of this program may pursue careers in administrative or financial positions in a variety of environments, such as private business, government, industry, accounting firms, financial institutions, hospitals and consulting firms. Students completing this certificate typically find entry-level positions as accounting technicians, accounting clerks and bookkeepers.

TRANSFERABILITY
All courses completed for the Accounting Technology certificate are credit courses and may be transferable individually toward further study at other Alberta institutions. For current, detailed information on individual course transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

Individual courses are also recognized by the only professional designation in Canada – Chartered Professional Accountants (CPA). Refer to www.cpaalberta.ca for more information.

Accounting and Strategic Measurement Diploma
The Accounting and Strategic Measurement diploma provides a comprehensive overview of accounting procedures and principles. Students in the program learn about management, cost and financial accounting, finance, taxation, computer applications and management skills, providing them with intermediate level accounting knowledge. These courses may be taken on a full-time basis during the day and a part-time program is offered in the evening. Courses from this program provide exemption and meet prerequisites for the Advanced Certificate in Accounting and Finance (ACAF) program offered by CPA.

CAREER POTENTIAL
Graduates of the diploma apply their training and skills as accountants in private business, public accounting firms, financial institutions, government, hospitals, industry and consulting firms. Common starting positions include analysts, junior accountants, payroll accountants, financial accountants, cost accountants, assistant controllers and accounting technicians. The experience and learning acquired through the integration of technology gives graduates unequalled leverage in the job market.

TRANSFERABILITY
INTERNAL OPPORTUNITIES
MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this diploma may be granted up to 60 credits to MacEwan University’s Bachelor of Commerce degree and up to 21 credits to the Bachelor of Arts degree. Students are advised to consult a program advisor for specific admission requirements.

EXTERNAL TRANSFER
All courses completed for the Accounting and Strategic Measurement diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma in this program may receive up to 60 credits of transfer credit at Athabasca University and the University of Lethbridge, and other post-diploma programs. Check with the receiving institution. For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

Individual courses are also recognized by the only professional designation in Canada – Chartered Professional Accountants (CPA). Refer to www.cpaalberta.ca for more information.
CATEGORIES OF ADMISSION
Applicants may be admitted to one of the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
1. a) Applicants must have an Alberta high school diploma (or equivalent)
   OR
   b) Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:
      1. ELA 30-1 or ELA 30-2
      2. Mathematics 30-1 or Mathematics 30-2
      3. One Group A course
      4. One Group C course
      5. One Group A, B or C course

MATURE ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.

ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:

1. Skills Appraisal
   To be evaluated through the Office of the University Registrar
   Applicable to all admission categories*
   • Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.
   Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 percent or ELA 30-2 with a minimum grade of 75 percent.
   Applicants must complete the math portion of the Skills Appraisal only if they do not present Mathematics 30-1 or Mathematics 30-2 or Applied Mathematics 30 with a minimum grade of 65 percent.
   Writing: Applicants must pass the writing portion OR achieve a minimum grade of C- on any required developmental course work.
   Reading: Applicants must pass the reading portion OR achieve a minimum grade of C- on any required developmental course work.
   Math: Applicants must pass the math portion OR achieve a minimum grade of C- on any required developmental course work.
   *Under Regular Admission, Skills Appraisal is only applicable to applicants under category 1.a).

2. English Language Proficiency
   To be evaluated through the Office of the University Registrar
   Applicable to all admission categories
   All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

PROGRAM OF STUDY
ACCOUNTING TECHNOLOGY CERTIFICATE (30 CREDITS – YEAR I)
ACCOUNTING AND STRATEGIC MEASUREMENT DIPLOMA (60 CREDITS – YEARS I and II)

YEAR I
Term I
Course ID  Course Name       Credits
ACCT 111  Financial Accounting I 3
BUSN 201  Introduction to Sustainable Business 3
ECON 101  Introduction to Microeconomics 3
ENGL 102  Analysis and Argument 3
MGMT 107  Business Computing 3

Term II
Course ID  Course Name       Credits
ACCT 161  Financial Accounting II 3
ACCT 162  Practical Tax Applications 3
ACCT 164  Accounting Software Applications 3
LEGL 210  Business Law I 3
PROW 210  Advanced Business Writing 3

YEAR II
Term III
Course ID  Course Name       Credits
ACCT 214  Integrated Accounting Systems 3
ACCT 215  Quantitative Decision Support 3
ACCT 315  Intermediate Financial Accounting I 3
ACCT 322  Managerial Information and Control Systems 3
Elective 3

Term IV
Course ID  Course Name       Credits
ACCT 316  Intermediate Financial Accounting II 3
ACCT 324  Intermediate Management Accounting 3
FNCE 301  Introductory Finance 3
Electives 6

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

CONTACT INFORMATION
T: 780-497-5162
E: accounting@macewan.ca
ACUPUNCTURE

Faculty of Health and Community Studies - Department of Allied Health and Human Performance
MacEwan.ca/Acupuncture

Acupuncture, a primary component of Traditional Chinese Medicine (TCM), has established itself as a well-respected, regulated health profession in Alberta and other provinces in Canada. The fundamental theories of acupuncture are rooted in holistic ideas that developed in ancient China. Acupuncture promotes health, and is used to treat acute and chronic illness, mainly through the insertion of filiform needles to establish a healthy balance of the individual’s energy and body functions.

The Acupuncture program prepares you to become a registered acupuncturist, subject to successful completion of the provincial enrolment examination for acupuncturists. Students receive the instruction needed to practice acupuncture competently based on the most recent national and international standards. MacEwan University’s Acupuncture program maintains close ties with Acupuncture/TCM facilities in China. This diploma gives you an excellent basis for the acquisition of further knowledge of Chinese herbology through continuing education at MacEwan University.

CAREER POTENTIAL
- Regulated Health Profession
- Recognized under the Health Disciplines Act
- Respected in the medical community
- Relatively few practicing Acupuncturists in Alberta with comprehensive training
- Private practice or multi-disciplinary clinics with chiropractors, massage therapists, physiotherapists, holistic health practitioners, naturopathic doctors, homeopathic practitioners and physicians

TRANSFERABILITY

Graduates have a wide range of continuing education options, ranging from ongoing study in specialty areas to undergraduate and graduate study at institutes and universities both nationally and internationally. Graduates of this diploma are eligible to apply for admission to the Bachelor of Health Science and General Studies degree programs at Thompson Rivers University.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must have a minimum grade of 50 percent in each of the following high school courses:
1. ELA 30-1 or ELA 30-2
2. One of Biology 30, Chemistry 30 or Science 30
3. One Group C course
4. Two Group A, B or C courses (a maximum of two group B subjects can be used; they must be from different disciplines)

AND

Successful completion of at least 36 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale, as calculated on the last 24 post-secondary credits.

OR

Completion of two years of full-time studies (or equivalent) at a recognized private institution or in non-credit studies in the following fields:
- Traditional Chinese Medicine (TCM), Holistic Health, Herbology, Massage Therapy, or complementary medicine

PREVIOUS POST-SECONDARY WORK

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee than an applicant will be admitted.

Applicants must have successfully completed one of the following from a recognized institution:
- A Degree or Applied Degree with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. Skills Appraisal

To be evaluated through the Office of the University Registrar

Applicable to Regular category of admission
- Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 percent or ELA 30-2 with a minimum grade of 75 percent.

Writing: Applicants must pass the writing portion OR achieve a minimum grade of D on any required developmental course work.

Reading: Applicants must pass the reading portion OR achieve a minimum grade of D on any required developmental course work.
2. English Language Proficiency
   To be evaluated through the Office of the University Registrar

Applicable to all admission categories
All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

3. Other Admission Criteria
   To be evaluated through the Program

Applicable to all admission categories
Applicants offered admission must present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

PROGRAM OF STUDY

YEAR I

Term I

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACUP 105</td>
<td>Introduction to Qi Gong and Tui Na</td>
<td>1</td>
<td>C</td>
</tr>
<tr>
<td>ACUP 106</td>
<td>Medical Terminology</td>
<td>1</td>
<td>C</td>
</tr>
<tr>
<td>ACUP 117</td>
<td>Foundations of Traditional Chinese Medicine</td>
<td>4</td>
<td>C</td>
</tr>
<tr>
<td>ENGL 111</td>
<td>Communications</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>HLSC 104</td>
<td>Applied Human Anatomy</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MTST 125</td>
<td>Physiology I</td>
<td>3</td>
<td>C-</td>
</tr>
</tbody>
</table>

Term II

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
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<tbody>
<tr>
<td>ACUP 101</td>
<td>Meridian Systems and Acupuncture Points I</td>
<td>3</td>
<td>C</td>
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<tr>
<td>ACUP 104</td>
<td>Diagnostics in Traditional Chinese Medicine</td>
<td>3</td>
<td>C</td>
</tr>
<tr>
<td>ACUP 114</td>
<td>Introduction to Research Methodology</td>
<td>2</td>
<td>C</td>
</tr>
<tr>
<td>ACUP 115</td>
<td>Qi Gong and Tuina II</td>
<td>2</td>
<td>C</td>
</tr>
<tr>
<td>ACUP 119</td>
<td>Foundations of Traditional Chinese Medicine II</td>
<td>3</td>
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<tr>
<td>MTST 126</td>
<td>Physiology II</td>
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Term III

<table>
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<th>Course ID</th>
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<tbody>
<tr>
<td>ACUP 103</td>
<td>Meridian Systems and Acupuncture Points II</td>
<td>3</td>
<td>C</td>
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<tr>
<td>ACUP 108</td>
<td>Clinical Observation I</td>
<td>1</td>
<td>C</td>
</tr>
<tr>
<td>ACUP 116</td>
<td>Traditional Chinese Medicine</td>
<td>1</td>
<td>C</td>
</tr>
<tr>
<td>ACUP 124</td>
<td>Introduction to Medical Microbiology</td>
<td>3</td>
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YEAR II

Term IV

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
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</thead>
<tbody>
<tr>
<td>ACUP 110</td>
<td>Meridian Systems and Acupuncture Points III</td>
<td>3</td>
<td>C</td>
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<tr>
<td>ACUP 112</td>
<td>Traditional Chinese Medicine Internal Theraputics I</td>
<td>2</td>
<td>C</td>
</tr>
<tr>
<td>ACUP 113</td>
<td>Clinical Observation and Practice I</td>
<td>1</td>
<td>C</td>
</tr>
<tr>
<td>ACUP 203</td>
<td>Therapeutic Principles of Acupuncture, Point Selection and Combination</td>
<td>2</td>
<td>C</td>
</tr>
<tr>
<td>ACUP 205</td>
<td>Traditional Chinese Medicine Modalities I</td>
<td>1</td>
<td>C</td>
</tr>
<tr>
<td>HLST 150</td>
<td>Pathophysiology</td>
<td>3</td>
<td>C-</td>
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Term V

<table>
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<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACUP 201</td>
<td>Extra Meridians &amp; Microsystems</td>
<td>2</td>
<td>C</td>
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<tr>
<td>ACUP 204</td>
<td>Traditional Chinese Medicine Internal Theraputics II</td>
<td>3</td>
<td>C</td>
</tr>
<tr>
<td>ACUP 208</td>
<td>Clinical Observation and Practice II</td>
<td>2</td>
<td>C</td>
</tr>
<tr>
<td>ACUP 210</td>
<td>Traditional Chinese Medicine Modalities II</td>
<td>3</td>
<td>C</td>
</tr>
<tr>
<td>ACUP 213</td>
<td>Traditional Chinese Medicine External Theraputics I</td>
<td>3</td>
<td>C</td>
</tr>
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</table>

Term VI

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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</tr>
</thead>
<tbody>
<tr>
<td>ACUP 209</td>
<td>Internal Medicine</td>
<td>3</td>
<td>C</td>
</tr>
<tr>
<td>ACUP 211</td>
<td>Traditional Chinese Medicine Internal Theraputics III</td>
<td>3</td>
<td>C</td>
</tr>
<tr>
<td>ACUP 215</td>
<td>Internship I</td>
<td>1</td>
<td>C</td>
</tr>
<tr>
<td>ACUP 216</td>
<td>Traditional Chinese Medicine External Theraputics II</td>
<td>2</td>
<td>C</td>
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</tbody>
</table>

YEAR III

Term VII

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<thead>
<tr>
<th>Course ID</th>
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<th>Credits</th>
<th>Min. Grade</th>
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</thead>
<tbody>
<tr>
<td>ACUP 206</td>
<td>Traditional Chinese Medicine Nutrition, Lifestyle and Zhong Yao</td>
<td>3</td>
<td>C</td>
</tr>
<tr>
<td>ACUP 214</td>
<td>Clinical Case Studies I</td>
<td>1</td>
<td>C</td>
</tr>
<tr>
<td>ACUP 218</td>
<td>Professional Ethics and Acupuncture Regulations</td>
<td>1</td>
<td>C</td>
</tr>
<tr>
<td>ACUP 220</td>
<td>Internship II</td>
<td>2</td>
<td>C</td>
</tr>
<tr>
<td>ACUP 221</td>
<td>Traditional Chinese Medicine Internal Theraputics IV</td>
<td>3</td>
<td>C</td>
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</table>

Term VIII

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACUP 111</td>
<td>Diagnostics in Traditional Chinese Medicine II</td>
<td>3</td>
<td>C</td>
</tr>
<tr>
<td>ACUP 303</td>
<td>Internship III</td>
<td>2</td>
<td>C</td>
</tr>
<tr>
<td>ACUP 305</td>
<td>Practice Management and Professional Entry Requirements</td>
<td>3</td>
<td>C</td>
</tr>
<tr>
<td>ACUP 320</td>
<td>Pharmacological Therapy</td>
<td>3</td>
<td>C</td>
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</table>
ACUPUNCTURE

Term IX

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACUP 219</td>
<td>Clinical Case Studies II</td>
<td>2</td>
<td>C</td>
</tr>
<tr>
<td>ACUP 304</td>
<td>Internship IV</td>
<td>2</td>
<td>C</td>
</tr>
<tr>
<td>ACUP 311</td>
<td>Acupuncture Safety Course (Clean Needle Technique)</td>
<td>1</td>
<td>C</td>
</tr>
<tr>
<td>ACUP 312</td>
<td>Herbology for Acupuncturists</td>
<td>2</td>
<td>C</td>
</tr>
</tbody>
</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

PROGRAM GRADUATION REGULATIONS

Police Information Check (Security Clearance)
A student must meet the specific Police Information Check requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

Immunization
Current immunization against specified communicable diseases is required as a prerequisite for clinical experience and thus for continued enrolment in the program. Students must meet the specific immunization requirements by the end of the second term. Documentation of these requirements must be provided to the program by the end of the second term. Failure to meet the specified immunization requirements may result in a student being denied an approved clinical experience and/or they may be required to withdraw from the program.

CPR - Basic Life Support for Health Care Provider (C) or equivalent
Students must meet the specific CPR requirements by the start of the fourth term. The certification must be for Health Care Providers and include one and two person rescuers (adult, infant, child), bag-valve masks, and automated external defibrillation (AED). Documentation of these requirements must be provided to the program by the start of the fourth term. Failure to meet the specified CPR requirements may result in a student being denied an approved clinical experience and/or they may be required to withdraw from the program.

First Aid - Basic
Students must meet the specific First Aid requirements by the start of the fourth term. Documentation of these requirements must be provided to the program by the start of the fourth term. Failure to meet the specified First Aid requirements may result in a student being denied an approved clinical experience and/or they may be required to withdraw from the program.

CONTACT INFORMATION

E: acupuncture@macewan.ca

University Advisor
T: 780-497-4129

Teaching Clinic Receptionist
T: 780-497-4610

All the courses of the program directly related to Traditional Chinese Medicine (TCM) are taught by registered acupuncturists with extensive clinical and teaching experience. Basic western medical sciences are taught by specialists in the related fields. Experts in the field of TCM also participate in a continuing education program as guest lecturers.
ARTS AND CULTURAL MANAGEMENT

Faculty of Fine Arts and Communications
MacEwan.ca/ArtsManagement

MacEwan University’s innovative and dynamic two-year 60-credit diploma in Arts and Cultural Management will prepare you for a career in arts management. Whether you are a practicing artist looking for the skill set to manage your own career or someone who loves supporting the creation and development of arts and culture in your community, this diploma will prepare you to take on administrative and management roles in the creative and cultural sectors. Building on the success of more than 35 years of arts management training at MacEwan University, you will leave the program with the skills you need to begin an exciting career in arts and cultural management.

Through the program you develop close ties to the arts and cultural community, and you will emerge from your studies ready to assist organizations in the areas of fund/resource and audience development, publicity and media relations, human resource management, special event and project management and much more.

After completing the academic portion of the program, you will practice what you have learned in an exciting two-month field placement with an organization of your choice. This practical experience comprises six credits in the credential and is a key factor for your successful transition into paid employment in the sector.

If you have other post-secondary education and want to start working sooner, you may choose to exit the program with a certificate after one year of study. The program is available through classroom study or online, full-time or part-time.

CAREER POTENTIAL
Graduates can be found working across Canada in a wide variety of arts organizations, large and small; as fundraisers and fund development officers for arts organizations, as managers of professional theatres; as volunteer or marketing coordinators, as special event coordinators, publicists, artist managers, and festival directors; or as public programming managers in museums and art galleries.

TRANSFERABILITY
INTERNAL OPPORTUNITIES
MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this diploma may be granted credit towards various MacEwan University diploma and degree programs:

- Business Management diploma up to 21 credits
- Bachelor of Arts degree up to 30 credits
- Bachelor of Commerce degree up to 24 credits
- Bachelor of Communication Studies degree up to 51 credits

Students are advised to consult a program advisor for specific admission requirements.

EXTERNAL TRANSFER
All courses completed for the Arts and Cultural Management diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed certificate in this program may be eligible to receive up to 60 credits towards the Bachelor of Professional Arts in Communication Studies at Athabasca University. University of Alberta students in the Bachelor of Arts in Drama degree program may complete 18 credits of coursework in this program at MacEwan University and transfer the credit towards a minor in Arts Management at the University of Alberta. For current, detailed information on individual course and certificate/diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

TECHNOLOGY INTEGRATION
Classroom students in the Arts and Cultural Management program are required to purchase a MAC laptop and necessary software identified by the program. This initiative is designed to maximize student learning through the integration of their coursework and the software used in the field. For more information, attend a program information session (dates are listed on the program website at MacEwan.ca/ArtsManagement), attend as student for a day or contact the program’s University Advisor, T: 780-497-4364, E: artsmanagement@macewan.ca.
CATEGORIES OF ADMISSION
Applicants may be admitted to one of the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
1. a) Applicants must have an Alberta high school diploma (or equivalent).
   OR
   b) Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:
   1. ELA 30-1 or ELA 30-2
   2. One Group A course
   3. One Group B course
   4. One Group C course or Applied Math 30
   5. One Group A, B or C course
   A maximum of two group B subjects can be used; they must be from different disciplines.

MATURE ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.

PREVIOUS POST-SECONDARY ADMISSION
To be evaluated through the Office of the University Registrar
Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.
Applicants must have successfully completed one of the following from a recognized institution:
• A post-secondary Certificate, Diploma, Applied Degree or Degree
OR
• A minimum of 18 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular or Mature category.

ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:

1. Skills Appraisal
To be evaluated through the Office of the University Registrar
Applicable to all admission categories
• Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.
Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 percent or ELA 30-2 with a minimum grade of 75 percent.
   Writing: Applicants must pass the writing portion OR achieve a minimum grade of C- on any required developmental course work.
   Reading: Applicants must pass the reading portion OR achieve a minimum grade of C- on any required developmental course work.

2. English Language Proficiency
To be evaluated through the Office of the University Registrar
Applicable to all admission categories
All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

3. Other Admission Criteria
To be evaluated through the Program
Applicable to all admission categories
Applicants are required to submit a questionnaire. Successful applicants will demonstrate in their questionnaire:
• detailed knowledge of arts/culture in their community
• research completed regarding the work of arts administrators/managers
• how this MacEwan University program is aligned with their interests and goals
### PROGRAM OF STUDY

#### YEAR I

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>AGAD 100</td>
<td>Foundations of Arts and Cultural Management</td>
<td>3</td>
</tr>
<tr>
<td>AGAD 105</td>
<td>Accounting in Arts and Cultural Management</td>
<td>3</td>
</tr>
<tr>
<td>AGAD 112</td>
<td>Introduction to Audience and Resource Development</td>
<td>3</td>
</tr>
<tr>
<td>AGAD 120</td>
<td>Managing and Leading in Arts and Culture</td>
<td>3</td>
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<tr>
<td>AGAD 122</td>
<td>Applied Audience and Resource Development</td>
<td>3</td>
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<td>AGAD 123</td>
<td>Human Resources in Arts and Cultural Management</td>
<td>3</td>
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<td>ENGL 102</td>
<td>Analysis and Argument</td>
<td>3</td>
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<tr>
<td></td>
<td>Options – Two AGAD courses (see below)</td>
<td>6</td>
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</table>

Choose one of:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGAD 107</td>
<td>Computer Applications in Arts and Cultural Management</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 107</td>
<td>Business Computing</td>
<td>3</td>
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#### YEAR II

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>AGAD 203</td>
<td>Introduction to Project Management in Arts and Culture</td>
<td>3</td>
</tr>
<tr>
<td>AGAD 223</td>
<td>Applied Project Management in Arts and Culture</td>
<td>3</td>
</tr>
<tr>
<td>AGAD 231</td>
<td>Field Placement</td>
<td>5</td>
</tr>
<tr>
<td>AGAD 232</td>
<td>Advanced Resource and Audience Development</td>
<td>3</td>
</tr>
<tr>
<td>AGAD 233</td>
<td>Integration Seminar</td>
<td>1</td>
</tr>
<tr>
<td>ENGL 103</td>
<td>Introduction to Literature</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Options – Two AGAD courses (see below)</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Electives – Two</td>
<td>6</td>
</tr>
</tbody>
</table>

### Option Courses

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGAD 201</td>
<td>Advocacy in the Cultural Sector</td>
<td>3</td>
</tr>
<tr>
<td>AGAD 209</td>
<td>Publicity and Media Relations in the Arts</td>
<td>3</td>
</tr>
<tr>
<td>AGAD 225</td>
<td>Performing Arts Management</td>
<td>3</td>
</tr>
<tr>
<td>AGAD 226</td>
<td>Museum/Gallery Management</td>
<td>3</td>
</tr>
<tr>
<td>AGAD 227</td>
<td>Managing in the Music Industry</td>
<td>3</td>
</tr>
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</table>

### Option Courses Requiring Consent of the Department Chair:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGAD 230</td>
<td>Independent Study</td>
<td>3</td>
</tr>
<tr>
<td>AGAD 300</td>
<td>Practicum in Arts Management</td>
<td>3</td>
</tr>
</tbody>
</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

### PROGRAM GRADUATION REGULATIONS

#### DECLARING THE CERTIFICATE EXIT OPTION

Students who choose the certificate exit option for this program must complete a total of 36 credits – all Year 1 core courses, two options and the field placement consisting of co-requisites AGAD 231 (Field Placement) and AGAD 233 (Integration Seminar) per the Program of Study. Students are required to declare their intention for the certificate exit option to the Chair by November 30th to ensure an appropriate field placement can be arranged for the Spring/Summer term (May and June).

#### FIELD PLACEMENT TERM

Students taking either the diploma or certificate exit program must successfully complete all courses and coursework requirements for the chosen credential in order to register in the Field Placement (AGAD 231) and Integration Seminar (AGAD 233). Students completing the diploma must successfully complete all courses and coursework in Years 1 and 2 before registering in AGAD 231 and 233. Students choosing the certificate exit must successfully complete all courses and coursework in Year 1 before registering in AGAD 231 and 233.

#### PROGRAM OF STUDY

Students taking the diploma program must complete six credits of electives. Arts and Cultural Management program courses may not be used as electives in the program.

### CONTACT INFORMATION

University Advisor  
T: 780-497-4364  
Toll-free: 1-888-497-4622 Ext. 4364  
E: artsmanagement@macewan.ca
ASIA PACIFIC MANAGEMENT

School of Business
MacEwan.ca/AsiaPacific

International business and cross-cultural skills are fast becoming a requirement in today’s global economy. The Asia Pacific region is Canada’s second largest trade partner. Success in this region requires employees with international business skills and knowledge of the cultural and business environment in Asia.

The Asia Pacific Management diploma is a two-year, international business program designed to prepare Canadian and international students to launch a career in international business and management. The program of study cultivates the skills and insights required to be successful in domestic and international economies. Students can expect a range of academic business courses, specialized practical coursework in Asian culture, language, intercultural communications and international business principles, as well as an overseas practicum in Asia.

CAREER POTENTIAL

Asia Pacific Management is a demanding program ideal for individuals interested in a career in international business with a focus on the Asia Pacific region. In addition to the usual employment opportunities available to business diploma graduates, graduates may also join an increasing number of Canadian companies and agencies active in international business exchanges, as well as Canadian companies serving an ever-growing number of Asian clients. Graduates can also join the list of successful entrepreneurs with an Asian customer base. The Asia Pacific Management program also makes an excellent post-degree diploma.

TRANSFERABILITY

INTERNAL OPPORTUNITIES

MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this diploma may be granted up to 60 credits to MacEwan University’s Bachelor of Commerce degree. Students are advised to consult a program advisor for the Commerce program for specific admission requirements.

EXTERNAL TRANSFER

All courses completed for the Asia Pacific Management diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma in this program may receive up to 60 credits of transfer credit at Athabasca University, the University of Lethbridge and up to 51 credits of individual course transfer credit to the Bachelor of Commerce program at the University of Alberta. For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2
3. One Group A course
4. One Group C course
5. One Group A, B, or C course

MATURE ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2
3. One Group C course

PREVIOUS POST-SECONDARY WORK

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular Admission category.

PROBATIONARY ADMISSION

To be evaluated through the Office of the University Registrar

This admission category will be used only if the Program is not filled by mature or previous post-secondary applicants. A limited number of probationary admissions may be granted to applicants who present a minimum cumulative post-secondary Admission Grade Point Average (AGPA) of less than 2.0 on a 4.0 scale.

Applicants admitted within this category will be placed on probation.
ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:

1. English Language Proficiency
To be evaluated through the Office of the University Registrar

Applicable to all admission categories
All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan’s full-time calendar or online at MacEwan.ca/ELP.

PROGRAM OF STUDY

YEAR I

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ACCT 311</td>
<td>Introductory Accounting</td>
<td>3</td>
</tr>
<tr>
<td>BUSN 201</td>
<td>Introduction to Sustainable Business</td>
<td>3</td>
</tr>
<tr>
<td>ECON 101</td>
<td>Introduction to Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 102</td>
<td>Introduction to Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>INTB 312</td>
<td>Conducting Business in Asia</td>
<td>3</td>
</tr>
<tr>
<td>MGTS 103</td>
<td>Probability and Statistics I</td>
<td>3</td>
</tr>
<tr>
<td>ORGA 201</td>
<td>Introduction to Management</td>
<td>3</td>
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</tbody>
</table>

Choose one of:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHIN 101</td>
<td>Introductory Chinese I</td>
<td>3</td>
</tr>
<tr>
<td>JAPN 101</td>
<td>Introductory Japanese I</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose one of:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CHIN 102</td>
<td>Introductory Chinese II</td>
<td>3</td>
</tr>
<tr>
<td>JAPN 102</td>
<td>Introductory Japanese II</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose one of:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 102</td>
<td>Analysis and Argument</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 111</td>
<td>Communications</td>
<td>3</td>
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YEAR II

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>FNCE 301</td>
<td>Introductory Finance</td>
<td>3</td>
</tr>
<tr>
<td>INTB 300</td>
<td>Introduction to International Business</td>
<td>3</td>
</tr>
<tr>
<td>INTB 311</td>
<td>Diversity and Intercultural Communication</td>
<td>3</td>
</tr>
<tr>
<td>Legl 210</td>
<td>Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>MARK 301</td>
<td>Fundamentals of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>POLS 261</td>
<td>Asia Pacific Political Systems</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>INTB Option</td>
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Choose one of:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHIN 201</td>
<td>Introductory Chinese III</td>
<td>3</td>
</tr>
<tr>
<td>JAPN 201</td>
<td>Introductory Japanese III</td>
<td>3</td>
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</table>

Choose one of:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHIN 202</td>
<td>Introductory Chinese IV</td>
<td>3</td>
</tr>
<tr>
<td>JAPN 202</td>
<td>Introductory Japanese IV</td>
<td>3</td>
</tr>
</tbody>
</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

PROGRAM GRADUATION REGULATIONS

Foreign Language Course Exemption
Students who demonstrate fluency in reading and writing Chinese or Japanese as assessed by a designated faculty member or test at MacEwan University may request an exemption to the requirement of 12 credits of Chinese or Japanese language study. If an exemption is granted, students will select 12 credits of substitute study as approved by the Chair.

CONTACT INFORMATION

T: 780-497-5162
E: asiapacific@macewan.ca
BUSINESS MANAGEMENT

School of Business
MacEwan.ca/Management

The Business Management diploma is a comprehensive general business program that prepares students to take on any business challenge. Using more than traditional books and theory, this program teaches through lectures, individual and group case-studies and real-world examples.

To help develop and demonstrate the potential of our students to become managers, administrators, entrepreneurs and leaders, we emphasize the integration of soft skills such as professionalism, interpersonal relations, teamwork and communications with quantitative and strategic decision-making abilities.

Students choose from the following:
• Business Management certificate
• Business Management diploma
• Aviation Management major
• Insurance and Risk Management major

With the exception of Insurance and Risk Management, these programs require that students carry and use a laptop computer for most classes. For information on the laptop hardware and software requirements, contact a program advisor. MacEwan University recognizes that every student has unique demands on their time, so we offer a range of scheduling choices. The Business Management certificate and diploma is available on a full-time or part-time basis as follows:
• Traditional school year: September through April over two years.
• Flexible route: complete classes over a longer period of time. This option offers courses year round that may be taken on a full- or part-time basis. Begin in September.
• Part-time and online: all courses are available in the evenings and online.

CAREER POTENTIAL
The Business Management program appeals to people who want to pursue a career in business and/or management and want a balance of theory and practical experience. The program is ideal for a wide range of possible careers in business including starting your own business, sales, marketing, hospitality management and financial services. It is also well suited to those wanting to pursue further postsecondary studies, either immediately upon graduation or at some point in the future.

Graduates of this diploma are eligible for the Certified in Management designation with the Canadian Institute of Management. Visit www.cim.ca for more information regarding membership and designation.

TRANSFERABILITY

INTERNAL OPPORTUNITIES
MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this diploma may be granted up to 60 credits to MacEwan University’s Bachelor of Commerce degree and up to 24 credits to the Bachelor of Arts degree. Students are advised to consult a program advisor for specific admission requirements.

EXTERNAL TRANSFER
All courses completed for the Business Management certificate and diploma programs are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma in this program may receive up to 60 credits of transfer credit at Athabasca University and the University of Lethbridge. For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION
Applicants may be admitted to one of the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
1. a) Applicants must have an Alberta high school diploma (or equivalent).
   OR
   b) Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:
   1. ELA 30-1
   2. Mathematics 30-1 or Mathematics 30-2
   3. One Group A course
   4. One Group C course
   5. One Group A, B or C course

MATURE ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.
ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:

1. Skills Appraisal
   To be evaluated through the Office of the University Registrar

Applicable to all admission categories*

- Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 percent or ELA 30-2 with a minimum grade of 75 percent.

Applicants must complete math portion of the Skills Appraisal only if they do not present Mathematics 30-1 or Mathematics 30-2 or Mathematics 31 with a minimum grade of 50 percent or Applied Mathematics 30 with a minimum grade of 65 percent.

Writing: Applicants must pass the writing portion OR achieve a minimum grade of C- on any required developmental course work.

Reading: Applicants must pass the reading portion OR achieve a minimum grade of C- on any required developmental course work.

Math: Applicants must pass the math portion OR achieve a minimum grade of C- on any required developmental course work.

*Under Regular Admission, Skills Appraisal is only applicable to applicants under category 1. a).

2. English Language Proficiency
   To be evaluated through the Office of the University Registrar

Program of Study – Business Management Certificate (30 Credits)

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 111</td>
<td>Financial Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 215</td>
<td>Quantitative Decision Support</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 218</td>
<td>Management Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ECON 101</td>
<td>Introduction to Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>FNCE 113</td>
<td>Introduction to Quantitative Decision-Making</td>
<td>3</td>
</tr>
<tr>
<td>HRMT 200</td>
<td>Management of Human Resources</td>
<td>3</td>
</tr>
<tr>
<td>LEGL 210</td>
<td>Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 107</td>
<td>Business Computing</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 121</td>
<td>Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 122</td>
<td>Organizational Behaviour</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 131</td>
<td>Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 211</td>
<td>Business Finance</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 240</td>
<td>Business Research and Report Writing</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 261</td>
<td>Integrated Management Practice</td>
<td>3</td>
</tr>
<tr>
<td>ORGA 330</td>
<td>Managerial Skill Development</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose one of:

<table>
<thead>
<tr>
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<th>Course Name</th>
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</tr>
</thead>
<tbody>
<tr>
<td>ENGL 102</td>
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<td>3</td>
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<td>Communications</td>
<td>3</td>
</tr>
</tbody>
</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Contact Information
T: 780-497-5162
E: management@macewan.ca

Aviation Management Major
Enhance your career opportunities in the field of aviation by combining flight training with business courses through MacEwan University’s Business Management diploma Aviation Management major.

Students who love to fly and would like a solid business education should consider this program. The program also appeals to people wanting to pursue their own business, manage flight operations or become commercial pilots.

The flight training and ground school component may be completed at any Transport Canada approved training centre. To complete the management portion of this major, students may complete any delivery method (i.e. flexible, regular two-year, evening or online) of the Business Management program. To attain this major, five management courses (15 credits) are replaced with aviation training obtained from the flight school of your choice.

Program of Study – Business Management Diploma (60 Credits)

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ACCT 111</td>
<td>Financial Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 215</td>
<td>Quantitative Decision Support</td>
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</tr>
<tr>
<td>ACCT 218</td>
<td>Management Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ECON 101</td>
<td>Introduction to Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>FNCE 113</td>
<td>Introduction to Quantitative Decision-Making</td>
<td>3</td>
</tr>
<tr>
<td>LEGL 210</td>
<td>Business Law I</td>
<td>3</td>
</tr>
<tr>
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<td>MGMT 131</td>
<td>Marketing</td>
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<td>MGMT 240</td>
<td>Business Research and Report Writing</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 261</td>
<td>Integrated Management Practice</td>
<td>3</td>
</tr>
<tr>
<td>ORGA 330</td>
<td>Managerial Skill Development</td>
<td>3</td>
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</table>

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<tr>
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<tbody>
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<td>Communications</td>
<td>3</td>
</tr>
</tbody>
</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Career Potential
Graduates of this specialized diploma gain employment in a variety of aviation-related careers – both as pilots and airport management personnel. Within Alberta, the oil industry creates significant aviation work, as oilfield workers are increasingly being transported to and from the north by air. Domestic airlines are also expanding. These factors create demand for both pilots and airport management personnel.

Graduates of this diploma are eligible for the Certified in Management designation with the Canadian Institute of Management. Visit www.cim.ca for more information regarding membership and designation.
TRANSFERABILITY

INTERNAL OPPORTUNITIES
MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this diploma may be granted up to 60 credits to MacEwan University’s Bachelor of Commerce degree. Students are advised to consult a program advisor for specific admission requirements.

EXTERNAL OPPORTUNITIES
All courses completed for the Business Management, Aviation Management Major diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma in this program may receive up to 60 credits of transfer credit at the University of Lethbridge. For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
1. a) Applicants must have an Alberta high school diploma (or equivalent).
   OR
   b) Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:
       1. ELA 30-1
       2. Mathematics 30-1 or Mathematics 30-2
       3. One Group A course
       4. One Group C course
       5. One Group A, B or C course

MATURE ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.

ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:

1. Skills Appraisal
To be evaluated through the Office of the University Registrar
Applicable to all admission categories*
• Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 percent or ELA 30-2 with a minimum grade of 75 percent. Applicants must complete math portion of the Skills Appraisal only if they do not present Mathematics 30-1 or Mathematics 30-2 or Mathematics 31 with a minimum grade of 50 percent or Applied Mathematics 30 with a minimum grade of 65 percent.

   Writing: Applicants must pass the writing portion OR achieve a minimum grade of C- on any required developmental course work.
   Reading: Applicants must pass the reading portion OR achieve a minimum grade of C- on any required developmental course work.

Math: Applicants must pass the math portion OR achieve a minimum grade of C- on any required developmental course work.
*Under Regular Admission, Skills Appraisal is only applicable to applicants under category 1. a).

2. English Language Proficiency
To be evaluated through the Office of the University Registrar

Applicable to all admission categories
All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

PROGRAM OF STUDY

Course ID  Course Name  Credits
ACCT 111  Financial Accounting I    3
ACCT 215  Quantitative Decision Support 3
ACCT 218  Management Accounting I 3
ECON 101  Introduction to Microeconomics 3
FNCE 113  Introduction to Quantitative Decision-Making 3
HRMT 200  Management of Human Resources 3
LEGL 210  Business Law I 3
MGMT 107  Business Computing 3
MGMT 121  Principles of Management 3
MGMT 122  Organizational Behaviour 3
MGMT 131  Marketing 3
MGMT 211  Business Finance 3
MGMT 240  Business Research and Report Writing 3
MGMT 261  Integrated Management Practice 3

Choose one of:
Course ID  Course Name  Credits
ENGL 111  Communications 3
ENGL 102  Analysis and Argument 3

Students must present the following Transport Canada approved aviation credentials in order to graduate and will receive a total of 15 credits towards the diploma:

Course ID  Course Name  Credits
ENGL 111  Communications 3
ENGL 102  Analysis and Argument 3

One of the following:
Course ID  Course Name  Credits
Private Pilot’s Licence 3
Instrument Rating 3
Commercial Pilot’s Licence 6

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.
Insurance and Risk Management Major
MacEwan.ca/Insure
Can you think through problems and weigh various options? This quality can help you shine in the insurance profession. Learn how to use information to make smart business decisions. Highly trained insurance professionals assess risks and insure clients against unforeseen events: physical, financial or acts of nature.

The Insurance and Risk Management diploma is suited to students who thrive in a challenging environment. Critical thinking, problem-solving, attention to detail and customer service skills are all valuable assets.

The program is offered in a condensed course of study, with students completing a full diploma in 13 months. Offered in co-operation with the Insurance Institute of Canada and the Insurance Institute of Northern Alberta, this major prepares students for the Institute’s Chartered Insurance Professional (CIP) designation. Topics covered include general business courses such as accounting, business law, sales and marketing combined with insurance industry-specific courses such as property insurance, liability insurance, loss adjusting, underwriting and risk management.

CAREER POTENTIAL
The insurance industry is a vital part of the financial/business community across Canada. It offers excellent career opportunities as claims adjusters, commercial and personal lines underwriters, account executives, brokers, agents, customer service representatives, risk management professionals, marketing representatives, and office or department managers.

TRANSFERABILITY
INTERNAL OPPORTUNITIES
MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this diploma may be granted up to 60 credits to MacEwan University’s Bachelor of Commerce degree and up to 24 credits to the Bachelor of Arts degree. Students are advised to consult a program advisor for specific admission requirements.

EXTERNAL TRANSFER
All courses completed for the Business Management, Insurance and Risk Management major diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma may receive up to 60 credits to the Post-Diploma Bachelor of Management degree program at the University of Lethbridge. For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION
Applicants may be admitted to one of the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
1. a) Applicants must have an Alberta high school diploma (or equivalent).
   OR
   b) Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:
      1. ELA 30-1
      2. Mathematics 30-1 or Mathematics 30-2
      3. One Group A course
      4. One Group C course
      5. One Group A, B or C course

MATURE ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.

ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:

1. Skills Appraisal
To be evaluated through the Office of the University Registrar

Applicable to all admission categories*
- Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 percent or ELA 30-2 with a minimum grade of 75 percent.

Applicants must complete math portion of the Skills Appraisal only if they do not present Mathematics 30-1 or Mathematics 30-2 or Mathematics 31 with a minimum grade of 50 percent or Applied Mathematics 30 with a minimum grade of 65 percent.

Writing: Applicants must pass the writing portion OR achieve a minimum grade of C- on any required developmental course work.

Reading: Applicants must pass the reading portion OR achieve a minimum grade of C- on any required developmental course work.

Math: Applicants must pass the math portion OR achieve a minimum grade of C- on any required developmental course work.

*Under Regular Admission, Skills Appraisal is only applicable to applicants under category 1.a).

2. English Language Proficiency
To be evaluated through the Office of the University Registrar

Applicable to all admission categories
All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.
Professional Golf Management Major

Suspended: There are no planned intakes for this major. Applications for admission are not being accepted.

The Professional Golf Management major appeals to people who thrive in a business environment with a customer service focus. Excellent communication, organizational, and business management skills are critical for success as a manager in the golf industry.

Classes, group work and case studies focus on general management, organizational behaviour, marketing, sales techniques, accounting, finance, human resources management and business computer applications. Industry-specific courses focus on pro-shop, backshop and practice facility operations, golf equipment, golf carts, programs and leagues, rules of golf, food and beverage operations and golf course maintenance.

CAREER POTENTIAL

Graduates of the Professional Golf Management program typically work as assistant professionals or teaching professionals as they complete the remaining requirements for Class “A” membership status within the PGA of Canada. Attaining Class “A” status allows PGA of Canada members to apply for positions as head golf professionals or seek further advancement as executive professionals or directors of golf.

PROGRAM OF STUDY

Choose one of:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 102</td>
<td>Analysis and Argument</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 111</td>
<td>Communications</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose one of:

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
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<td>ENGL 102</td>
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<td>3</td>
</tr>
<tr>
<td>ENGL 111</td>
<td>Communications</td>
<td>3</td>
</tr>
</tbody>
</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

CONTACT INFORMATION

T: 780-497-5162
E: golf@macewan.ca
The Correctional Services diploma prepares graduates to work in a variety of positions in corrections and criminal justice fields including community agencies, correctional institutions, residential settings, restorative justice and related human service careers. Graduates work with adults and youth in conflict with the law, or who are at risk of becoming involved in the criminal justice system. The program provides theoretical knowledge, skill development and practical experience for the entry-level corrections and criminal justice professional.

The Correctional Services program stresses the dual yet inseparable function of the criminal justice system: protection of the public and providing assistance to offenders to become law abiding citizens. Students acquire essential skills and knowledge about the criminal justice system as well as professional practice information and expertise.

The first year provides a number of foundation courses concentrating on self-awareness, criminological theory and knowledge of the criminal justice system. Introduction to field placement provides an opportunity for students to acquire practice competencies including professionalism, crisis intervention, security procedures and suicide prevention.

The second year concentrates on skill development such as counselling strategies, case management, risk/needs assessment, documentation and working with special offender populations. Field placement provides students with the practical, first-hand experience in the field of corrections and criminal justice with the expectation that students apply the knowledge and skills discussed in the classroom.

**CAREER POTENTIAL**

Graduates are employed by both the provincial and federal governments and non-profit agencies. Graduates obtain employment as probation officers, youth workers, behavioural counsellors, correctional officers, case workers, police officers, and other related criminal justice positions. Many graduates eventually move into administrative and managerial positions in corrections and criminal justice agencies. Program graduates establish a network of career contacts through field placement and classroom activities. Graduates apply directly to corrections and/or criminal justice or related agencies and must demonstrate they meet the minimum position requirements. Shift work is often required, and many entry positions recruit through casual or wage employment.

**TRANSFERABILITY**

**INTERNAL OPPORTUNITIES**

MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this program with a minimum GPA of 2.0 are eligible to transfer up to 30 credits to MacEwan University’s Bachelor of Arts degree or up to 60 credits to the Bachelor of Applied Human Service Administration.

**EXTERNAL TRANSFER**

All courses completed for the Correctional Services diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma in this program are eligible to block transfer to a number of colleges and universities in Alberta:

- Athabasca University: 60 credits (two years) towards the Bachelor of Professional Arts in Criminal Justice degree or the Bachelor of Professional Arts in Human Services
- Lethbridge College: 60 credits (two years) towards the Bachelor of Applied Arts in Correctional Studies
- Mount Royal University: approximately 54 credits towards the Bachelor of Arts in Criminal Justice
- University of Alberta: Up to 30 units of course weight in the Faculty of Arts

For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

Students presenting a completed diploma in this program are eligible to block transfer to a number of colleges and universities outside of Alberta:

- Royal Roads University (British Columbia): 60 credits (two years) towards a Bachelor of Arts in Justice Studies
- University of Great Falls (Montana): 60 credits (two years) towards a Bachelor of Arts or Science in Criminal Justice degree

For more information on these study options outside of Alberta, contact an advisor in the Correctional Services program.

**CATEGORIES OF ADMISSION**

Applicants may be admitted to one of the following:

**REGULAR ADMISSION**

*To be evaluated through the Office of the University Registrar*

Applicants must have an Alberta high school diploma (or equivalent) and be 18 years of age by the beginning of the second term.

**MATURE ADMISSION**

*To be evaluated through the Office of the University Registrar*

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.
ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:

1. Skills Appraisal
   To be evaluated through the Office of the University Registrar
   Applicable to all admission categories
   • Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.
   Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 percent or ELA 30-2 with a minimum grade of 75 percent.
   **Writing:** Applicants must pass the writing portion OR achieve a minimum grade of C- on any required developmental course work.

2. English Language Proficiency
   To be evaluated through the Office of the University Registrar
   Applicable to all admission categories
   All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

3. Other Admission Criteria
   To be evaluated through the Program
   Applicable to all admission categories
   Applicants offered admission must present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

PROGRAM OF STUDY

YEAR I
Term I

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CORR 100</td>
<td>Human Relations</td>
<td>3</td>
</tr>
<tr>
<td>CORR 102</td>
<td>Foundations of Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>CORR 104</td>
<td>Criminal Justice System</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 100</td>
<td>Introductory Sociology</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 111</td>
<td>Communications</td>
<td>3</td>
</tr>
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</table>

Term II

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CORR 110</td>
<td>Introductory Criminology</td>
<td>3</td>
</tr>
<tr>
<td>CORR 112</td>
<td>Correctional Interviewing</td>
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</tr>
<tr>
<td>CORR 114</td>
<td>Introduction to Field Placement</td>
<td>2</td>
</tr>
<tr>
<td>CORR 118</td>
<td>Introduction to Corrections</td>
<td>3</td>
</tr>
<tr>
<td>CORR 120</td>
<td>Restorative Justice</td>
<td>3</td>
</tr>
<tr>
<td>CORR 206</td>
<td>Addiction in the Criminal Justice System</td>
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YEAR II

Term III

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<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CORR 116</td>
<td>Integration Seminar I</td>
<td>1</td>
</tr>
<tr>
<td>CORR 212</td>
<td>Correctional Counselling</td>
<td>4</td>
</tr>
<tr>
<td>CORR 214</td>
<td>Field Placement I</td>
<td>4</td>
</tr>
<tr>
<td>CORR 218</td>
<td>Youth and Crime</td>
<td>3</td>
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<tr>
<td>PSYC 105</td>
<td>Introductory Psychology II</td>
<td>3</td>
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Term IV

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CORR 202</td>
<td>Diversity Issues in Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>CORR 208</td>
<td>Selected Issues</td>
<td>3</td>
</tr>
<tr>
<td>CORR 210</td>
<td>Correctional Methods and Practice</td>
<td>3</td>
</tr>
<tr>
<td>CORR 216</td>
<td>Integration Seminar II</td>
<td>1</td>
</tr>
<tr>
<td>CORR 224</td>
<td>Field Placement II</td>
<td>4</td>
</tr>
</tbody>
</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

PROGRAM GRADUATION REGULATIONS

Police Information Check
A student must meet the specific police information check requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

CONTACT INFORMATION

On-Campus Studies
T: 780-497-5379
E: corrections@macewan.ca

Distance Studies
T: 780-497-5186
E: correctionsdistance@macewan.ca
DESIGN STUDIES

Faculty of Fine Arts and Communications
MacEwan.ca/DesignStudies

Design Studies students are prepared for a career in the exciting, ever-changing and multi-disciplinary field of visual communication design. Graduates are experts in crafting visuals that communicate with impact on the printed page, the screen, and in physical environments in areas of discipline such as graphic design, branding, advertising, publication design, illustration, photography, website and app design, user experience design, motion graphics and editing, packaging design and information design. Graduates will be able to embark on careers in which employers expect a thorough understanding of design theory, technical proficiency, a core set of skills within a subset of the discipline, and a broad understanding of the discipline in general.

The three-year Design Studies diploma offers great flexibility in course selection and an opportunity for students to determine the skills they wish to develop. Students will also develop enhanced levels of critical thinking, writing and research. The curriculum is designed to be responsive to changes occurring in the field, increasing employer demands and the changing nature of the visual communication design industry.

Over three years of study, students complete required studio courses that develop general visual communication design skills. By selecting specific studio options, students form an area of concentration. Additional options outside a concentration can be explored to round out a designer’s skill set. Students are required to take two English courses and two or more courses in humanities and social sciences.

In year one, students begin their studies by learning fundamental design skills that are common across all disciplines within the field. Students explore design theory, practices, principles and process, the meaning and significance of visual imagery, develop drawing and rendering skills, apply basic typography and learn the basics of industry standard software.

In year two, students learn the historical and contemporary cultural context of design and continue to develop creative, conceptual and visual design skills through required courses and select courses based on their goals for graduation.

In year three, students learn about the business of design, continue to develop skills in their chosen pathway, broaden their exposure to other areas of visual communication design and finalize a portfolio of work to gain employment.

CAREER POTENTIAL

Upon graduation, students find work in large agencies, small studios, print shops, and communications departments in medium-sized businesses up to large corporations. Depending on their area of concentration, a graduate’s responsibilities might include graphic design, branding, advertising, publication design, information design, illustration, photography, website and app design, user experience design, user interface design, motion graphics, packaging design or environmental graphic design. Many graduates from Design Studies also succeed at starting their own freelance design or photography studios.

TECHNOLOGY INTEGRATION FOR CREATIVE LEARNING (TICL)

All students entering year one are required to purchase a Digital SLR camera. All students entering year two are required to purchase a Macintosh laptop computer and software specific to their program of study. Specifications will be emailed to students and posted on the web. Students may be required to attend a technology orientation session prior to the start of Fall term classes.

TRANSFERABILITY

INTERNAL OPPORTUNITIES

MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this program with a minimum GPA of 2.0 are eligible to transfer up to 30 credits to MacEwan University’s Bachelor of Arts degree.

EXTERNAL OPPORTUNITIES

All courses completed for the Design Studies program are credit courses and may transfer individually toward further study at other Alberta institutions. Students interested in transferring courses are advised to consult both the receiving institution regarding transfer policies and the MacEwan University Design Studies program regarding coursework and portfolio development. Like the Design Studies program at MacEwan University, other institutions typically base transfer on both the application of creative skills as demonstrated in an entrance portfolio and on an assessment of course content. Students presenting a completed Design Studies diploma may be eligible for admission and block transfer to Athabasca University and ACAD (Alberta College of Art and Design).

For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.
CATEGORIES OF ADMISSION
Applicants may be admitted to one of the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
1. a) Applicants must have an Alberta high school diploma (or equivalent) and ELA 30-1 or ELA 30-2.
OR
b) Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:
   1. ELA 30-1 or ELA 30-2
   2. One Group A course
   3. One Group B or C course
   4. One Group C or D course
AND
Applications must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 percent or ELA 30-2 with a minimum grade of 75 percent. Skills Appraisal requirements must be completed by the beginning of the intake term.
Writing: Applicants must pass the writing portion AND be eligible to enter ENGL 111 OR achieve a minimum grade of C- on any required developmental course work.
Reading: Applicants must pass the reading portion OR achieve a minimum grade of C- on any required developmental course work.

MATURE ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.
AND
Applications must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 percent or ELA 30-2 with a minimum grade of 75 percent. Skills Appraisal requirements must be completed by the beginning of the intake term.
Writing: Applicants must pass the writing portion AND be eligible to enter ENGL 111 OR achieve a minimum grade of C- on any required developmental course work.
Reading: Applicants must pass the reading portion OR achieve a minimum grade of C- on any required developmental course work.

PREVIOUS POST-SECONDARY WORK
To be evaluated through the Office of the University Registrar
Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.
Applicants must have successfully completed one of the following from a recognized institution:
• A post-secondary Certificate, Diploma, Applied Degree or Degree
OR
• A minimum of 18 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular or Mature category.

ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:
1. English Language Proficiency
To be evaluated through the Office of the University Registrar
Applicable to all admission categories
All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.
2. Other Admission Criteria
To be evaluated through the Program
Applicable to all admission categories
Applicants are required to submit a Portfolio and a Statement of Intent to a committee of Design Studies faculty.
The Portfolio shall consist of an original body of work. Successful applicants will demonstrate in their Statement of Intent:
• The ability to express ideas well in writing.
• How this MacEwan University program is aligned with their interests and goals.
• An interest in learning about design theory and practice.

PROGRAM OF STUDY
YEAR I
Term I
Course ID  Course Name  Credits
DESN 102  Drawing  3
DESN 103  Concept Visualization  3
DESN 110  Design Studio I: Visual Organization, Composition and Visual Language  3
DESN 120  Introduction to Design Software  3
DESN 150  Image Structure and Meaning  3
DESN 210  Design Studio II: Intradisciplinary Design Projects  6
DESN 230  Typography I  3

Choose six credits:
Course ID  Course Name  Credits
ENGL 102  Analysis and Argument  3
ENGL 103  Introduction to Literature  3
ENGL 111  Communications  3

YEAR II
Course ID  Course Name  Credits
DESN 240  Introduction to User Experience Design  3
DESN 270  The History of Design and Material Culture Through the 18th Century  3
DESN 310  Design Studio III  3
DESN 330  Typography II  3
DESN 271  The History of Material Culture and Design From the 18th Century  3
DESN 311  Corporate Identity Design and Branding  3
Liberal Arts Requirement  3
Program Options - 9 credits  9
### YEAR III

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>DESN 380</td>
<td>Design Thinking Seminar: Design Strategy, Complex Projects &amp; Systems</td>
<td>3</td>
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<tr>
<td>DESN 381</td>
<td>Design Issues Seminar</td>
<td>3</td>
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<tr>
<td>DESN 390</td>
<td>Portfolio &amp; Business of Design</td>
<td>3</td>
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<td></td>
<td>Program Options - 12 credits</td>
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<td></td>
<td>Program Options or Liberal Arts Option</td>
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**Program Options**

<table>
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<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>DESN 200</td>
<td>Drawing for Illustration</td>
<td>3</td>
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<tr>
<td>DESN 241</td>
<td>Interaction Design I</td>
<td>3</td>
</tr>
<tr>
<td>DESN 250</td>
<td>Introduction to Photography</td>
<td>3</td>
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<tr>
<td>DESN 251</td>
<td>Applied Photographic Design</td>
<td>3</td>
</tr>
<tr>
<td>DESN 252</td>
<td>Digital Imaging</td>
<td>3</td>
</tr>
<tr>
<td>DESN 260</td>
<td>Introduction to Video</td>
<td>3</td>
</tr>
<tr>
<td>DESN 261</td>
<td>Motion Graphics I</td>
<td>3</td>
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<tr>
<td>DESN 300</td>
<td>Illustration Techniques</td>
<td>3</td>
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<tr>
<td>DESN 313</td>
<td>Information Design</td>
<td>3</td>
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<tr>
<td>DESN 314</td>
<td>Environmental Graphic Design</td>
<td>3</td>
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<tr>
<td>DESN 315</td>
<td>Visual Narrative and Storytelling</td>
<td>3</td>
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<tr>
<td>DESN 316</td>
<td>Branded Environments</td>
<td>3</td>
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<tr>
<td>DESN 317</td>
<td>Publication Design</td>
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<td>DESN 318</td>
<td>Advertising Design</td>
<td>3</td>
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<tr>
<td>DESN 340</td>
<td>Web Design &amp; Development I</td>
<td>3</td>
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<tr>
<td>DESN 341</td>
<td>Interaction Design II</td>
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<tr>
<td>DESN 342</td>
<td>User Experience Design Theory &amp; Methods</td>
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</tr>
<tr>
<td>DESN 343</td>
<td>Web Design &amp; Development II</td>
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<td>DESN 361</td>
<td>Motion Graphics II</td>
<td>3</td>
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<tr>
<td>DESN 391</td>
<td>Internship</td>
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</table>

**Liberal Arts Requirements**

Liberal Arts requirements in Design Studies encompass courses in humanities or social sciences. Students are required to complete six credits of liberal arts options of which three credits must be at the senior level (200-399). In place of selected program options in the final year of study, a student can take up to six additional credits of liberal arts options. Any liberal arts requirements must be baccalaureate level coursework. Selections are made from the approved list of liberal arts options for Design Studies. Subject to written approval of the chair, students may earn credit for courses not listed in the approved list of liberal arts courses. Students are strongly encouraged to consult with their program advisor before confirming liberal arts options.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

**CONTACT INFORMATION**

Dianne Nicholls, Instructional Assistant  
T: 780-497-4312  
E: designstudies@macewan.ca
DISABILITY MANAGEMENT IN THE WORKPLACE - SUSPENDED

Faculty of Nursing - Centre for Professional Nursing Education

Suspended: There are no planned intakes for this program. Applications for admission are not being accepted.

The Disability Management in the Workplace certificate provides individuals with the knowledge and skills to coordinate return to work plans, and develop and implement disability management programs in the workplace. As the economic and human costs of worker injuries and illnesses rise, disability management professionals in the workplace are increasingly in demand. The focus of disability management is to assist workers who have been injured, ill or disabled to adapt to a meaningful and productive work environment.

This program is offered via online distance delivery. Students successfully complete 30 credits to receive a certificate in Disability Management in the Workplace.

CAREER POTENTIAL

A qualified individual has a broad spectrum of employment opportunities. Prospective places of employment include a wide range of corporate environments, federal, provincial and municipal governments, unions, health care providers, insurance providers and disability management service providers.

PROGRAM OF STUDY

YEAR I

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMWP 100</td>
<td>Essential Anatomy and Physiology</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>DMWP 102</td>
<td>Medical and Pharmaceutical Concepts</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>DMWP 104</td>
<td>Introduction to Disability Management</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>DMWP 110</td>
<td>Ethics and Professionalism in Disability Management</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>DMWP 112</td>
<td>Health, Social and Legislative Foundations</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>DMWP 114</td>
<td>Conflict and Crisis Management in Return To Work</td>
<td>3</td>
<td>C-</td>
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<td>DMWP 116</td>
<td>Return to Work Management</td>
<td>3</td>
<td>C-</td>
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<tr>
<td>DMWP 118</td>
<td>Field Placement</td>
<td>3</td>
<td>C-</td>
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<tr>
<td>INTD 105</td>
<td>Interpersonal Skills Development</td>
<td>3</td>
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<td>ENGL 111</td>
<td>Communications</td>
<td>3</td>
<td></td>
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</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

CONTACT INFORMATION

T: 780-497-5188
Toll-free: 1-888-497-9390
E: cpne@macewan.ca
DISABILITY STUDIES: LEADERSHIP AND COMMUNITY - SUSPENDED

Faculty of Health and Community Studies
MacEwan.ca/DisabilityStudies

Suspended: There are no planned intakes for this program. Applications for admission are not being accepted.

The Disability Studies: Leadership and Community (DSLC) program works closely with community agencies, people with disabilities, their families and governments to prepare exceptional graduates with a broad background and the practical skills to help build inclusive communities. Acting as allies, graduates honour the self-determination of people with disabilities in reaching their goals.

This diploma provides a solid theoretical background in disability studies through comprehensive coursework. Supervised field placements provide opportunities for the practical application of theory and a broader educational experience.

CAREER POTENTIAL
Expanding community options for people with disabilities has created an urgent need for qualified professionals to work in a variety of settings. Graduates find employment as early intervention specialists, educational assistants, job coaches, rehabilitation practitioners, and community support. They are respected professionals with a strong sense of social justice and the vision to see the potential in every individual.

More than 95 per cent of graduates have found employment within six months of graduation for the last several academic years. Job satisfaction is high, and many graduates soon move into senior positions in organizations. Career potential in this exceptional employment market is limited only by your imagination and enthusiasm.

PROGRAM OF STUDY

YEAR II

Term III

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSLC 214</td>
<td>Seminar I</td>
<td>1</td>
</tr>
<tr>
<td>DSLC 215</td>
<td>Field Placement I</td>
<td>2</td>
</tr>
<tr>
<td>DSLC 216</td>
<td>Person Directed Practice</td>
<td>3</td>
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<tr>
<td>DSLC 217</td>
<td>Family Support</td>
<td>3</td>
</tr>
<tr>
<td>DSLC 218</td>
<td>Advocacy and Activism</td>
<td>2</td>
</tr>
<tr>
<td>DSLC 219</td>
<td>Positive Approaches to Learning</td>
<td>3</td>
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<td>Elective</td>
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Term IV

<table>
<thead>
<tr>
<th>Course ID</th>
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<tr>
<td>DSLC 223</td>
<td>Positive Behaviour Support</td>
<td>2</td>
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<td>DSLC 225</td>
<td>Personal Care and Wellness</td>
<td>3</td>
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<tr>
<td>DSLC 226</td>
<td>Approaches to Building Community</td>
<td>3</td>
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<tr>
<td>DSLC 227</td>
<td>Supervision and Organizational Leadership</td>
<td>3</td>
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<tr>
<td>DSLC 229</td>
<td>Seminar II</td>
<td>1</td>
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<tr>
<td>DSLC 230</td>
<td>Field Placement II</td>
<td>3</td>
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<tr>
<td>Elective</td>
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</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

PROGRAM GRADUATION REGULATIONS

Security Clearance
A student must meet the specific security clearance requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

Immunization
A student must meet the specific immunization requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

Standard First Aid
A student must meet the specific Standard First Aid requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

CONTACT INFORMATION
T: 780-497-5569
Toll-free 1-888-497-5723 ext 5569
E: disabilitystudies@macewan.ca
EARLY LEARNING AND CHILD CARE

Faculty of Health and Community Studies - Department of Human Services and Early Learning
MacEwan.ca/EarlyLearning

The Early Learning and Child Care Program prepares you to be an early childhood educator and care for the youngest citizens in our community. In this program, you learn how to foster children’s growing sense of identity and belonging, as active, contributing members of the community. The foundation of professional practice is facilitating early learning through play.

The Early Learning and Child Care diploma prepares you to become knowledgeable, skilled, responsive educators and advocates for young children and their families. Courses focus on child development, curriculum planning, positive child guidance, professional team communications and working with families. Classes are a unique blend of experiential learning and theoretical knowledge. Course content focuses on children from birth to eight years.

Graduates of the program are confident in their ability to:
1. respond to each child as a unique individual
2. build strong and supportive relationships with families
3. offer early learning curriculum experiences based on current theoretical perspectives.

The program works with community-based early childhood programs in the Edmonton region to provide opportunities to explore approaches to early learning and care in practice as well as to experience the realities of work in the field. Combined with classroom learning, these field experiences prepare graduates to be leaders in the early childhood profession.

A unique feature of the program is our Early Learning and Child Care Lab School. All students are actively involved with the early learning educators and the children in the centre. Students have regular opportunities to reflect on the integration of theory and practice using real life examples from the child care centre.

CAREER POTENTIAL

This rewarding profession has a high demand for graduates and an increasing variety of career options. Graduates are employed in child care centres, family day homes, and early intervention programs, family support programs, kindergarten and pre-kindergarten classrooms, playschools, preschools, out-of-school care centres, and parent relief child care centres. Graduates are prepared to work with infants, toddlers, preschoolers, and school-aged children.

TRANSFERABILITY

INTERNAL OPPORTUNITIES

MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this diploma program may be granted up to 60 credits to MacEwan University’s Bachelor of Child and Youth Care degree and up to 21 credits to the Bachelor of Arts degree. Graduates may also use this diploma to meet admission requirements to the Bachelor of Applied Human Service Administration degree. Students are advised to consult an advisor for these programs for specific admission requirements and required bridging course information.

EXTERNAL TRANSFER

All courses completed for the Early Learning and Child Care diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma in this program may receive up to 30 credits to the Bachelor of Education-Elementary degree program at the University of Alberta and up to 60 credits of transfer credit at Athabasca University and the University of Calgary. For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:
1. ELA 30-1 or ELA 30-2
2. Social Studies 30-1 or 30-2
3. Three subjects from Group A, B, C or D

Applicants with nine or more Post-Secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Notes:
1. Applicants are strongly encouraged to present a broad range of subjects across the humanities and sciences in order to benefit from the breadth of learning and to increase flexibility of future course choices.
2. A maximum of two Group B subjects; they must be from different disciplines.
3. A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5 credit or any credit combination of at least 5 credits (e.g. two 3-credit subjects).

MATURE ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:
1. ELA 30-1 or ELA 30-2
2. Social Studies 30-1 or 30-2

Applicants with nine or more Post-Secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.
ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:

1. English Language Proficiency
   *To be evaluated through the Office of the University Registrar*

**Applicable to all admission categories**
All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s full-time calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria
   *To be evaluated through the Program*

**Applicable to all admission categories**
Applicants offered admission are required to submit the following:
- A clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.
- A valid child care first aid (standard level) certificate issued by the Canadian Red Cross or St. John Ambulance by the published document deadline.

PROGRAM OF STUDY

**YEAR I**

**Term I**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECDV 101</td>
<td>Healthy Environments for Early Learning and Care</td>
<td>3</td>
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<tr>
<td>ECDV 102</td>
<td>Curriculum I: Creative Expression in Early Learning and Care</td>
<td>3</td>
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<tr>
<td>ECDV 110</td>
<td>Child Development I</td>
<td>3</td>
<td>C</td>
</tr>
<tr>
<td>ECDV 115</td>
<td>Communications I: Interpersonal Competencies</td>
<td>2</td>
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<tr>
<td>ECDV 120</td>
<td>Field Placement I</td>
<td>3</td>
<td>C</td>
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<tr>
<td>ECDV 125</td>
<td>Integration Seminar I</td>
<td>1</td>
<td>C</td>
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<tr>
<td>ENGL 111</td>
<td>Communications</td>
<td>3</td>
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</table>

**Term II**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ECDV 155</td>
<td>Curriculum II: Learning Through Play</td>
<td>3</td>
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<td>ECDV 160</td>
<td>Child Development II</td>
<td>3</td>
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<tr>
<td>ECDV 165</td>
<td>Communications II: A Constructivist Approach to Child Guidance</td>
<td>3</td>
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<td>ECDV 170</td>
<td>Field Placement II</td>
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<tr>
<td>ECDV 175</td>
<td>Integration Seminar II</td>
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<tr>
<td>ECDV 210</td>
<td>Family-Centered Practice</td>
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**YEAR II**

**Term III**

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<thead>
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<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
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</thead>
<tbody>
<tr>
<td>ECDV 201</td>
<td>Curriculum III: Planning for Early Learning and Care</td>
<td>3</td>
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<tr>
<td>ECDV 220</td>
<td>Field Placement III</td>
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<tr>
<td>ECDV 225</td>
<td>Integration Seminar III</td>
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<tr>
<td>ECDV 230</td>
<td>Communications III: Working in Professional Teams</td>
<td>2</td>
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<tr>
<td>ECDV 260</td>
<td>Family and Community Issues</td>
<td>3</td>
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<tr>
<td>ECDV 280</td>
<td>Infant and Toddler Care and Development</td>
<td>3</td>
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</tbody>
</table>

**Term IV**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECDV 250</td>
<td>Foundations of Early Childhood</td>
<td>2</td>
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<tr>
<td>ECDV 255</td>
<td>Child Development III</td>
<td>3</td>
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<td>ECDV 285</td>
<td>Curriculum IV: Theories of Early Learning</td>
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<td>ECDV 270</td>
<td>Field Placement IV</td>
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<td>ECDV 275</td>
<td>Integration Seminar IV</td>
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<tr>
<td>OOSC 200</td>
<td>School Age Care and Development</td>
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</tbody>
</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

PROGRAM GRADUATION REGULATIONS

**Police Information Check**
Students must meet the specific police information check requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

Students are responsible for obtaining police information checks annually or at intervals specific to their field placement agency and for making these available upon request. Students may also be required to obtain in Intervention Record Check for some field placements. Students must be able to satisfy agency requirements prior to the start of each field placement.

**First Aid in Child Care**
A student must meet the specific First Aid in Child Care requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

CONTACT INFORMATION
T: 780-497-5146
E: earlylearning@macewan.ca
EMERGENCY COMMUNICATIONS AND RESPONSE

Faculty of Health and Community Studies - Department of Public Safety and Justice Studies
MacEwan.ca/Emergency

In the increasingly complex field of emergency telecommunications, there is a need for personnel who have the ability to assess situations quickly and respond in an appropriate manner. Emergency communicators are the critical link between the public and those who provide police, fire and emergency medical assistance. As the field evolves, the need for highly skilled and knowledgeable professionals is critical. The field demands professionals who are able to multi-task, use high-tech equipment, think critically and quickly in a stressful setting, and respond to the challenges of the field.

The Emergency Communications and Response program develops the broad knowledge and skills required of call evaluators or dispatchers and the unique knowledge and skills in police, fire and emergency medical environments. The program is a full-time, eight-month certificate. Full-time program entry occurs each fall. The full-time program may be offered as a combination of day and evening courses. The students participate in a short field placement with a communication centre in the final month of the program.

CAREER POTENTIAL
Challenging and rewarding careers as call evaluators or dispatchers can be found in police, fire or medical communication centres in provincial, federal or municipal settings. Many opportunities are also available in specialized public or private communication centres dealing with priority service requests.

TRANSFERERABILITY
Up to five courses can be applied to meet the requirements in the Police Studies or Investigative Studies majors in the Police and Investigations diploma at MacEwan University.

CATEGORY OF ADMISSION
Applicants may be admitted to the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must have an Alberta high school diploma (or equivalent) or GED diploma.
Applicants must have a minimum overall average of 65% with no course grade lower than 50 percent, in the following high school courses:
1. ELA 30-1 or ELA 30-2
2. Social Studies 30-1 or 30-2
3. One subject from Group A, B, C, or D
Applicants must present a minimum Admission Grade Point Average of 2.0 on a 4.0 scale.

ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:
1. English Language Proficiency
To be evaluated through the Office of the University Registrar
Applicable to all admission categories
Applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria
To be evaluated through the Program
Applicable to all admission categories
Applicants must present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.
PROGRAM OF STUDY

Term I

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECRP 131</td>
<td>Call Processing/Radio Communications</td>
<td>3</td>
</tr>
<tr>
<td>ECRP 141</td>
<td>Emergency Communications I</td>
<td>3</td>
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<tr>
<td>ENGL 111</td>
<td>Communications</td>
<td>3</td>
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<tr>
<td>PSSC 121</td>
<td>Law and the Administration of Justice</td>
<td>3</td>
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<tr>
<td>PSYC 104</td>
<td>Introductory Psychology I</td>
<td>3</td>
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</table>

Term II

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ECRP 151</td>
<td>Emergency Communications II</td>
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<tr>
<td>ECRP 161</td>
<td>Emergency Planning</td>
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<tr>
<td>ECRP 171</td>
<td>Field Placement</td>
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<tr>
<td>ECRP 172</td>
<td>Integration Seminar</td>
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<td>ECRP 181</td>
<td>Document Processing in Emergency</td>
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<td>Communications</td>
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<td>PSSC 141</td>
<td>Interpersonal Skills</td>
<td>3</td>
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<tr>
<td>PSSC 212</td>
<td>Abnormal Behaviour and Crime</td>
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</tbody>
</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

ACADEMIC RESIDENCY - EXEMPTION

A student in Emergency Communications and Response must complete at least 30 per cent of courses through MacEwan University. Challenge examinations, transfer credit and other special assessments (for example, prior learning and recognition) are not included in the 30 per cent.

PROGRAM GRADUATION REGULATIONS

Police Information Check

A student must meet the specific police information check requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

CONTACT INFORMATION

T: 780-497-5379
E: emergencycommunications@macewan.ca
The two-year Fine Art diploma program prepares students for degree completion (Bachelor of Fine Art or Bachelor of Arts) and for starting a professional art practice. Students study historical and contemporary art in both studio and art history courses, along with English and university electives. Beginning Fall 2017, students will work in studios in the exciting new Centre for the Arts and Culture building on MacEwan University’s downtown campus, giving them access to main campus facilities and services, as well as the cultural community in downtown Edmonton.

The newly revised program exposes students to the diversity of contemporary art practice, and emphasizes the development of creative, research and professional skills. In the first year, students learn principles and practices of contemporary art, and the history and theories of art and visual culture. In the second year, they begin to develop a personal direction as they study and explore contemporary art theories and practice, professional practice, and pursue idea and process within studio course objectives. Digital technologies along with traditional approaches are incorporated throughout the curricula in coursework in drawing, painting, sculpture, installation, performance art, digital art, video and emerging forms. Studio assignments are designed to foster creative problem-solving skills, fluency with creative language and a strong work ethic. Through critiques, lectures and seminars, students learn to discuss their own art as it relates to contemporary art and its influences and contexts.

The program hosts a Visiting Artist Lecture Series, which introduces students to internationally recognized artists who work in a variety of contemporary art forms, and the downtown location of our new campus will place students within walking distance of the many galleries and museums which they can visit over the course of their studies.

CAREER POTENTIAL
Graduates of the program can be self-employed artists who work on commissioned artworks or exhibit their artwork in art galleries and museums or the public sphere. The program provides a solid grounding for them to be able to pursue various career pathways such as becoming designers, illustrators, architects, public and private school art teachers, university professors, photographers, art historians, art writers, gallery administrators, art school shop technicians, curators, consultants, and art conservators.

TRANSFERABILITY
INTERNAL OPPORTUNITIES
MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this program with a minimum GPA of 2.0 are eligible to transfer up to 30 credits to MacEwan University’s Bachelor of Arts degree.

EXTERNAL TRANSFER
All courses completed for the Fine Art diploma are credit courses and may be transferable individually or by block transfer toward a Bachelor of Fine Art degree at ACAD (Alberta College of Art and Design) and other Alberta and Canadian institutions (e.g., Emily Carr, NSCAD). Admission to provincial or out-of-province degree-granting art institutions is generally determined through an evaluation of the student’s MacEwan University transcript and the level of portfolio achievement. Students interested in transferring a completed diploma are advised to consult the receiving institution regarding their application requirements, procedures and transfer policies.

For current, detailed information on individual course and diploma transferability in Alberta, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION
Applicants may be admitted to one of the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
1. a) Applicants must have an Alberta high school diploma (or equivalent).
   OR
   b) Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:
      1. ELA 30-1 or ELA 30-2
      2. One Group A course
      3. One Group B or C course
      4. One Group C or D course

MATURE ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.

ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:
1. Skills Appraisal
   To be evaluated through the Office of the University Registrar

Applicable to all admission categories
• Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.
Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 percent or ELA 30-2 with a minimum grade of 75 percent.

Writing: Applicants must pass the writing portion OR achieve a minimum grade of C+ on any required developmental course work.
Reading: Applicants must pass the reading portion OR achieve a minimum grade of C+ on any required developmental course work.
2. English Language Proficiency  
*To be evaluated through the Office of the University Registrar*

**Applicable to all admission categories**
All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

3. Other Admission Criteria  
*To be evaluated through the Program*

**Applicable to all admission categories**
Applicants must submit a portfolio and a statement of intent to be assessed by a committee of Fine Art faculty.

Successful applicants will demonstrate in their portfolio:
- a basic understanding of composition, colour, tone and perspective
- an interest in working with a variety of mediums and subjects
- an understanding of the difference between ‘fine art’ and commercial forms such as comic and fantasy imagery
- an attention to presentation

Successful applicants will demonstrate in their statement of intent:
- the ability to express ideas well in writing
- how this MacEwan University program is aligned with their interests and goals
- an interest in learning about the theories and practice of historical and contemporary art

**PROGRAM OF STUDY**

**YEAR I**

**Term I**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
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<tbody>
<tr>
<td>ARTE 104</td>
<td>Five Centuries of Art and Visual Culture: From Renaissance to the 19th-Century</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>ARTE 107</td>
<td>Three-Dimensional Foundations</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>ARTE 110</td>
<td>Foundation Drawing</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>ARTE 111</td>
<td>2D Foundation: Theory and Structure</td>
<td>3</td>
<td>C-</td>
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<tr>
<td>ENGL 102</td>
<td>Analysis and Argument</td>
<td>3</td>
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**Term II**

<table>
<thead>
<tr>
<th>Course ID</th>
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<tbody>
<tr>
<td>ARTE 106</td>
<td>Digital Foundations</td>
<td>3</td>
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<tr>
<td>ARTE 119</td>
<td>Introduction to Creative Research</td>
<td>3</td>
<td>C-</td>
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<tr>
<td>ARTE 120</td>
<td>Observational Drawing</td>
<td>3</td>
<td>C-</td>
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<tr>
<td>ARTE 224</td>
<td>The Visual Culture of Modernity: Fin-de-siècle to Mid-Twentieth Century</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>ENGL 103</td>
<td>Introduction to Literature</td>
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**YEAR II**

**Term III**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
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<tr>
<td>ARTE 205</td>
<td>Introduction to Painting</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>ARTE 206</td>
<td>Intermedia: Digital Art</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>ARTE 230</td>
<td>Introduction to Contemporary Drawing</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>ARTE 234</td>
<td>Art and Visual Culture II: Modernism and Postmodernism Elective</td>
<td>3</td>
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</table>

**Term IV**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTE 207</td>
<td>3D Spatial Practice</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ARTE 208</td>
<td>Introduction to Professional Practice</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ARTE 219</td>
<td>Concepts and Practice</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fine Art Option - Senior level</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Elective or Option</td>
<td>3</td>
<td></td>
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</table>

**Fine Art Option Courses:**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTE 214</td>
<td>History of Photography</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ARTE 314</td>
<td>Thinking Photography</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ARTE 215</td>
<td>Painting II</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ARTE 216</td>
<td>Intermedia II: Emerging Forms</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ARTE 259</td>
<td>Special Topics in Art</td>
<td>3</td>
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</tbody>
</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

**PROGRAM GRADUATION REGULATIONS**
Students in the Fine Art program are required to successfully complete all courses in Year 1 of the Program of Study in order to be able to progress to Year 2.

Program courses (ARTE) and Design Studies courses (DESN, VCDE, VCDF, VCDM, VCDR, VCMI, VCOM, VCPH, VCPR) cannot be used to fulfill elective requirements.

**CONTACT INFORMATION**
Rosemary Clancy, Instructional Assistant  
T: 780-497-4321  
E: fineart@macewan.ca
GENERAL STUDIES

Faculty of Arts and Science
MacEwan.ca/GeneralStudies

Note: Not accepting applications at this time.

General Studies is excellent preparation for entry into career studies, university-transfer and degree programs at MacEwan University, and various other faculties in Alberta universities. The General Studies program offers university credit coursework in the following areas: anthropology, art history, biology, classics, computer science, drama, economics, health education, history, music, philosophy, political science, psychology, and sociology.

Students are encouraged to seek admission to a degree or university-transfer program, even if their academic goal is undecided. If a student does not meet the admission requirements of the Bachelor of Arts or another university program, the General Studies program may be the right option. University credit courses are available through the General Studies program, although it is not considered a degree or university-transfer program.

Note:
• General Studies offers a liberal arts education. Normally, only first-year courses are available to General Studies students
• Students are encouraged, but not required, to complete a General Studies diploma (60 credits) while enrolled in the program. General Studies students who have completed the diploma will be eligible for MacEwan University alumni benefits

CAREER POTENTIAL
The General Studies program is not designed as a career program. However, the benefits of its liberal arts programming can be an important asset to any career. Prospective applicants are encouraged to contact the General Studies program to ensure it is appropriate to assist them with their academic goals.

PROGRAM OF STUDY

English

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Any courses in English except upgrading and developmental courses</td>
<td>6</td>
</tr>
</tbody>
</table>

Social Science

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Any courses in anthropology, economics, political science, psychology, or sociology</td>
<td>15</td>
</tr>
</tbody>
</table>

Canadian Studies

Two of the following:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 102</td>
<td>Introduction to Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>HIST 260</td>
<td>History of Canada to 1867</td>
<td>3</td>
</tr>
<tr>
<td>HIST 261</td>
<td>History of Canada Since 1867</td>
<td>3</td>
</tr>
<tr>
<td>POLS 221</td>
<td>Canadian Political Realities</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 201</td>
<td>Canadian Society</td>
<td>3</td>
</tr>
</tbody>
</table>

Humanities

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Any courses in classics, history or philosophy</td>
<td>12</td>
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</table>

Science

One of the following:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BIOL 101</td>
<td>Current Issues in Human Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 103</td>
<td>Humans and Their Environment</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 104</td>
<td>Introductory Psychology I</td>
<td>3</td>
</tr>
<tr>
<td>CMPT 101</td>
<td>Introduction to Computing I</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 125</td>
<td>Analytical Reasoning</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Any baccalaureate-level courses with a minimum of three credits.</td>
<td>18</td>
</tr>
</tbody>
</table>

All courses taken to satisfy diploma requirements must have a minimum value of three credits. With approval, additional courses may be used to satisfy course and discipline requirements. The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

CONTACT INFORMATION
T: 780-497-4505
E: artsandscience@macewan.ca
HEARING AID PRACTITIONER

Faculty of Health and Community Studies - Department of Allied Health and Human Performance
MacEwan.ca/HearingAid

HEARING AID PRACTITIONERS
Hearing aid practitioners evaluate hearing ability, select, fit and sell hearing aids and assistive listening devices, and provide counseling and support to adult hearing aid and/or assistive device users. They generally work in and/or own hearing aid dispensing businesses, but can also work for hearing aid manufacturing companies.

Hearing aid practitioners are regulated and/or licensed in most provinces in Canada. In order to maintain their professional status, hearing aid practitioners must abide by a code of ethics, demonstrate competence, and participate in ongoing continuing education activities required for professionals in their jurisdiction.

THE HEARING AID PRACTITIONER PROGRAM
The program is a 60-credit, distance-delivery diploma with 19 courses required for graduation. Full-time students complete the program in two years, while part-time students may take up to seven years to complete program requirements.

Students are provided with curriculum materials online and purchase textbooks and other learning resources to supplement the online curriculum. Contact with instructors and other students is provided through asynchronous interaction online within classes; individual instructor support is provided upon request.

Students must have Internet access (high-speed access is recommended) because most courses require online interaction with the instructor and other students. Assignments are submitted online, and exams and quizzes are all completed online.

To complete practical assignments in HAPR 102, HAPR 103, HAPR 111, HAPR 203, HAPR 114 courses, students either attend labs at MacEwan University in Edmonton or they must find a local licensed professional and complete and submit the Hearing Aid Practitioner Program Tutor/Field Placement Approval Request Form to the program office for approval prior to the start of each course. Attendance at the university is mandatory for 10 days in the Year II Term V for courses HAPR 204 and HAPR 211 (Winter term) to complete labs in the final hearing testing and hearing aid courses. In Year II Term VI, students must find a local clinic, complete and submit a new Hearing Aid Practitioner Program Tutor/Field Placement Approval Request Form to the program office prior to the start of the course for field placement site approval. Students are required to complete at least 180 hours of supervised hearing aid dispensing work in an approved (by the program) clinic with an approved (by the program) professional.

CAREER POTENTIAL
Trained hearing aid practitioners are in high demand in Canada and internationally.

TRANSFERABILITY
All courses completed for the Hearing Aid Practitioner diploma are credit courses and may be transferable individually toward further study at other Alberta or Canadian institutions. Graduates of the program may receive up to 60 credits of transfer credit at Athabasca University, and are also eligible to apply for admission to the Bachelor of Health Science and General Studies degree programs at Thompson Rivers University.

For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION
Applicants may be admitted to one of the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
1. a) Applicants must have an Alberta high school diploma (or equivalent).
   OR
   b) Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:
   1. ELA 30-1 or ELA 30-2
   2. One Group A or C course
   3. Two Group A, B, C or D courses or any 33-level course

MATURE ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.
ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:

1. Skills Appraisal
   To be evaluated through the Office of the University Registrar

   Applicable to all admission categories
   - Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

   Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 percent or ELA 30-2 with a minimum grade of 75 percent.

   Applicants must complete the math portion of Skills Appraisal only if they do not present a 20 level Math course (or equivalent) with minimum grade of 50 percent.

   Writing: Applicants must pass the writing portion OR achieve a minimum grade of D on any required developmental course work.

   Reading: Applicants must pass the reading portion OR achieve a minimum grade of D on any required developmental course work.

   Math: Applicants must pass the math portion OR achieve a minimum grade of D on any required developmental course work.

2. English Language Proficiency
   To be evaluated through the Office of the University Registrar

   Applicable to all admission categories
   All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

PROGRAM OF STUDY

YEAR I

Term I

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
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</thead>
<tbody>
<tr>
<td>ENGL 111</td>
<td>Communications</td>
<td>3</td>
<td></td>
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<tr>
<td>HAPR 101</td>
<td>Bioacoustics of Human Hearing</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>HAPR 102</td>
<td>Hearing Testing I</td>
<td>2</td>
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<tr>
<td>HAPR 103</td>
<td>Hearing Instrument Technology I</td>
<td>4</td>
<td>C-</td>
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</table>

Term II

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAPR 105</td>
<td>Customer Relations and Communications</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>HAPR 110</td>
<td>Hearing Disorders</td>
<td>2</td>
<td>C-</td>
</tr>
<tr>
<td>HAPR 111</td>
<td>Hearing Testing II</td>
<td>4</td>
<td>C-</td>
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<tr>
<td>HAPR 202</td>
<td>Aural Rehabilitation I</td>
<td>3</td>
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<td></td>
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Term III

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<tr>
<td>HAPR 114</td>
<td>Professional Practice</td>
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YEAR II

Term IV

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<th>Credits</th>
<th>Min. Grade</th>
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<tbody>
<tr>
<td>HAPR 104</td>
<td>The Aging Client</td>
<td>3</td>
<td>C-</td>
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<tr>
<td>HAPR 201</td>
<td>Interviewing and Counselling</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>HAPR 203</td>
<td>Hearing Instrument Technology II</td>
<td>4</td>
<td></td>
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<tr>
<td>HAPR 210</td>
<td>Aural Rehabilitation II</td>
<td>3</td>
<td>C-</td>
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Term V

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<th>Course ID</th>
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<tbody>
<tr>
<td>HAPR 108</td>
<td>Business Management</td>
<td>3</td>
<td>C-</td>
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<tr>
<td>HAPR 112</td>
<td>Professional Responsibilities</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>HAPR 204</td>
<td>Hearing Testing III</td>
<td>2</td>
<td>C-</td>
</tr>
<tr>
<td>HAPR 211</td>
<td>Hearing Instrument Technology III</td>
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<td>C-</td>
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Term VI

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<th>Course ID</th>
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<tbody>
<tr>
<td>HAPR 212</td>
<td>Field Placement</td>
<td>4</td>
<td>C-</td>
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</tbody>
</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

CONTACT INFORMATION
T: 780-497-5723
Toll-free: 1-888-497-5622 ext. 5723
E: hearingaid@macewan.ca
HUMAN RESOURCES MANAGEMENT

School of Business
MacEwan.ca/HRManagement

Human resource (HR) management professionals add value to their organizations by creating solutions to complex issues, such as succession planning, staffing strategies and adjusting to workplace change.

Designed by leading practitioners in the field, this program gives students both the skills and strategic insights necessary for successful human resources management practice. Students learn about general management theories, organizational behaviour, labour and employee relations, employee training and development, compensation, staffing, workplace health and safety, employment law and change management. The program combines case study analysis with exposure to actual human resources projects and challenges.

This full-time, two-year diploma is delivered evenings and Saturday mornings. This format enables our instructors, HR professionals and specialists, to be available to teach in the program. The program is also available in a part-time and online format.

CAREER POTENTIAL
Graduates of this program work in a variety of organizational settings and in a range of capacities. Typical positions include benefits assistants, human resources advisors, corporate trainers, employee relations coordinators and recruiters.

TRANSFERABILITY

INTERNAL OPPORTUNITIES
MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this diploma may be granted up to 60 credits to MacEwan University’s Bachelor of Commerce degree and up to 21 credits to the Bachelor of Arts degree. Students are advised to consult a program advisor for specific admission requirements.

EXTERNAL TRANSFER
All courses completed for the Human Resources Management certificate and diploma programs are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma in this program may receive up to 60 credits of transfer credit at Athabasca University and the University of Lethbridge. For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION
Applicants may be admitted to one of the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
1. a) Applicants must have an Alberta high school diploma (or equivalent).
   OR
   b) Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:
   1. ELA 30-1
   2. Mathematics 30-1 or Mathematics 30-2
   3. One Group A course
   4. One Group C course
   5. One Group A, B or C course

MATURE ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.

ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:

1. Skills Appraisal
   To be evaluated through the Office of the University Registrar

Applicable to all admission categories*
   • Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 percent or ELA 30-2 with a minimum grade of 75 percent.
Applicants must complete the math portion of the Skills Appraisal only if they do not present Mathematics 30-1 or Mathematics 30-2 or Mathematics 31 with a minimum grade of 50 percent or Applied Mathematics 30 with a minimum grade of 65 percent.

Writing: Applicants must pass the writing portion OR achieve a minimum grade of C- on any required developmental course work.
Reading: Applicants must pass the reading portion OR achieve a minimum grade of C- on any required developmental course work.
Math: Applicants must pass the math portion OR achieve a minimum grade of C- on any required developmental course work.

*Under Regular Admission, Skills Appraisal is only applicable to applicants under category 1.a).
HUMAN RESOURCES MANAGEMENT

2. English Language Proficiency
*To be evaluated through the Office of the University Registrar*

**Applicable to all admission categories**
All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

**PROGRAM OF STUDY**

HUMAN RESOURCES MANAGEMENT
CERTIFICATE (30 Credits – Year I)

HUMAN RESOURCES MANAGEMENT DIPLOMA
(60 Credits – Years I and II)

**YEAR I**

**Term I**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 111</td>
<td>Communications</td>
<td>3</td>
</tr>
<tr>
<td>FNCE 113</td>
<td>Introduction to Quantitative Decision-Making</td>
<td>3</td>
</tr>
<tr>
<td>HRMT 200</td>
<td>Management of Human Resources</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 107</td>
<td>Business Computing</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 122</td>
<td>Organizational Behaviour</td>
<td>3</td>
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</table>

**Term II**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUSN 201</td>
<td>Introduction to Sustainable Business</td>
<td>3</td>
</tr>
<tr>
<td>HRMT 131</td>
<td>Compensation</td>
<td>3</td>
</tr>
<tr>
<td>HRMT 145</td>
<td>Staffing</td>
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<tr>
<td>HRMT 160</td>
<td>Training and Development</td>
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<tr>
<td>LEGL 212</td>
<td>Employment Law</td>
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**YEAR II**

**Term III**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>ACCT 111</td>
<td>Financial Accounting I</td>
<td>3</td>
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<tr>
<td>HRMT 151</td>
<td>Employee and Labour Relations</td>
<td>3</td>
</tr>
<tr>
<td>ORGA 233</td>
<td>Organizational Effectiveness and Change</td>
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<td>PROW 210</td>
<td>Advanced Business Writing</td>
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<td>Non Business Elective</td>
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**Term IV**

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<tbody>
<tr>
<td>HRMT 231</td>
<td>Employee Benefits</td>
<td>3</td>
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<td>HRMT 275</td>
<td>Workplace Health and Safety</td>
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<td>HRMT 295</td>
<td>Strategic Human Resources Management</td>
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<td>ORGA 314</td>
<td>Managing Negotiation</td>
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</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

**CONTACT INFORMATION**

T: 780-497-5162
E: hrprogram@macewan.ca
This program has been preparing students to work in legal support positions in law offices for almost 40 years. One of the primary objectives of the program is to familiarize students with the legal terms, concepts and documentation used in a legal office. Students learn theory as well as practical and procedural steps in a number of fields, including litigation, real estate, commercial transactions, administration of estates and corporate law. As well, the program introduces students to law office technology and the computer skills necessary for work in a legal environment.

Students come to the Legal Assistant program with an enthusiasm for the law, a drive to learn and a desire to play a key role in the legal process. They graduate with a strong theoretical and practical foundation that allows them to realize that goal.

Students also develop the communication skills – spoken and written – necessary for the law office. During the last term of study, students participate in a five-week field placement, which provides them with valuable practical experience in a legal setting and often leads to permanent employment. The field experience component gives students an opportunity to see first-hand how a law office functions.

If you are unable to attend university full time, the program also offers a part-time evening diploma study option.

CAREER POTENTIAL
While the primary aim of the program is to prepare graduates for work in law offices, many find employment opportunities in government or in the legal departments of large corporations. The program also prepares graduates to work in other settings, such as trust companies and real estate companies. This program is highly respected by the legal community for its ability to adapt to and meet the changing needs of the profession. For this reason, there are excellent career opportunities in Alberta.

Program of Study

YEAR I
Term I

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ENGL 111</td>
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<tr>
<td>LEGL 110</td>
<td>Introduction to Legal Research</td>
<td>3</td>
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<tr>
<td>LEGL 130</td>
<td>Corporate Procedures</td>
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<tr>
<td>LEGL 210</td>
<td>Business Law I</td>
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<td>OADM 103</td>
<td>Word Processing for Legal Assistants</td>
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Term II

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<td>LEGL 150</td>
<td>Residential Real Estate Transactions</td>
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<tr>
<td>LEGL 160</td>
<td>Civil Litigation Procedures I</td>
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<td>LEGL 170</td>
<td>Technology in the Law Office I</td>
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<td>LEGL 180</td>
<td>Financial Procedures for the Law Office</td>
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YEAR II
Term III

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<td>Commercial Transactions</td>
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<td>LEGL 220</td>
<td>Criminal Law Procedures</td>
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<td>LEGL 230</td>
<td>Civil Litigation Procedures II</td>
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<td>LEGL 240</td>
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Term IV

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<tr>
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<td>Credit and Collection Procedures</td>
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<td>LEGL 270</td>
<td>Estate Procedures</td>
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<td>LEGL 280</td>
<td>Family Law Procedures</td>
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<td>LEGL 290</td>
<td>Law Office Simulation</td>
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<tr>
<td>LEGL 295</td>
<td>Legal Fieldwork</td>
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</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Contact Information
T: 780-497-5162
E: legal@macewan.ca
LIBRARY AND INFORMATION TECHNOLOGY

School of Business
MacEwan.ca/LIT

Since the Library and Information Technology program started more than 40 years ago, the proliferation of information has led to a dramatic increase in the use of technology to organize, control and provide access to information resources.

Information personnel require excellent interpersonal and communication skills coupled with the ability to deal accurately with detail. They are versatile and can quickly adapt to a rapidly changing work environment.

Students in the Library and Information Technology program develop the expertise needed to organize, retrieve and manage information. Graduates are equipped with the skills necessary to work in any setting that handles information management, not just traditional libraries.

This program exposes students to practical aspects of the profession, including cataloguing, reference, circulation, research techniques, information systems design, records management, and services to various types of library patrons. Using a wide array of electronic and print resources, students become familiar with the broad scope of information organization and retrieval. Students will also develop strong professional skills and competencies to work effectively within an organizational structure and in a customer service role. They will examine the central purpose of libraries in society, and consider ways that social responsibility, ethical behaviour, and social justice are important philosophical foundations for the library profession.

CAREER POTENTIAL

The demand for qualified information specialists is growing. Graduates of this program find employment in libraries, large corporations, schools, government departments, universities, publishing houses, research organizations, consulting companies and software producers. They work as library technicians, research or library assistants for corporations, records management technicians and library software specialists, to name just a few jobs.

TRANSFERABILITY

INTERNAL OPPORTUNITIES

MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this program with a minimum GPA of 2.0 are eligible to transfer up to 30 credits to MacEwan University’s Bachelor of Arts degree.

EXTERNAL OPPORTUNITIES

All courses completed for the Library and Information Technology diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma in this program may receive up to 30 credits of transfer credit from different disciplines.

Categories of Admission

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar

1. a) Applicants must have an Alberta high school diploma (or equivalent).

OR

b) Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Math 30-1 or Math 30-2
3. One Group B course
4. One Group C course
5. One Group A, B or C course

A maximum of two Group B subjects can be used; they must be from different disciplines.

MATURE ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. Skills Appraisal

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

• Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 percent or ELA 30-2 with a minimum grade of 75 percent.

Writing: Applicants must pass the writing portion OR achieve a minimum grade of C- on any required developmental course work.

Reading: Applicants must pass the reading portion OR achieve a minimum grade of C- on any required developmental course work.

*Under Regular Admission, Skills Appraisal is only applicable to applicants under category 1.a).

2. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.
# PROGRAM OF STUDY

## YEAR I

### Term I

<table>
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<tr>
<th>Course ID</th>
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<th>Credits</th>
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<tr>
<td>INF 101</td>
<td>Libraries in the Information Age</td>
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<tr>
<td>INF 103</td>
<td>Reference Fundamentals</td>
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</tr>
<tr>
<td>INF 104</td>
<td>Acquisition and Management of Collections</td>
<td>3</td>
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<tr>
<td>MGMT 107</td>
<td>Business Computing</td>
<td>3</td>
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Choose one of:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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<tr>
<td>ENGL 102</td>
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<tr>
<td>ENGL 111</td>
<td>Communications</td>
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### Term II

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<tr>
<td>INF 152</td>
<td>Information Services I</td>
<td>3</td>
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<tr>
<td>INF 155</td>
<td>Organization of Information I</td>
<td>3</td>
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<tr>
<td>INF 210</td>
<td>Information and Society</td>
<td>3</td>
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Choose one of:

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<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ENGL 103</td>
<td>Introduction to Literature</td>
<td>3</td>
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<tr>
<td>ENGL 211</td>
<td>Business Communication</td>
<td>3</td>
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## YEAR II

### Term III

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<tbody>
<tr>
<td>INF 202</td>
<td>Information Services II</td>
<td>3</td>
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<tr>
<td>INF 205</td>
<td>Organization of Information II</td>
<td>3</td>
</tr>
<tr>
<td>INF 208</td>
<td>Library Services for Children and Young Adults</td>
<td>3</td>
</tr>
<tr>
<td>INF 209</td>
<td>Records, Information, and Privacy Management</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 122</td>
<td>Organizational Behaviour</td>
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### Term IV

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<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>INF 219</td>
<td>Archives and Electronic Records Management</td>
<td>3</td>
</tr>
<tr>
<td>INF 258</td>
<td>Information Systems Design</td>
<td>3</td>
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<td>INF 259</td>
<td>Information Services Management</td>
<td>3</td>
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<tr>
<td>INF 260</td>
<td>Field Placement</td>
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</tbody>
</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

## CONTACT INFORMATION

T: 780-497-5162  
E: lit@macewan.ca
MASSAGE THERAPY

Faculty of Health and Community Studies - Department of Allied Health and Human Performance
MacEwan.ca/Massage

The Massage Therapy program offers a unique blend of scientific theory and clinical practice. It offers a comprehensive clinical education that develops well-rounded massage therapists able to practice in a wide range of medical and therapeutic environments. The program teaches soft tissue manipulation techniques for the assessment and treatment of stress, pain and a variety of physical conditions. With challenging courses in anatomy, physiology, kinesiology, pathology and communication, students gain a foundation of knowledge that carries them through dynamic field placement experiences and professional practice at MacEwan University’s public massage clinic.

The program prepares students to become a registered massage therapist (RMT) with a provincial association. With MacEwan University’s reputation as a leader in massage education, graduates may be eligible for registration across Canada and internationally.

CAREER POTENTIAL
Massage therapy is on the leading edge of a vastly expanding market of health-related services. As massage therapy continues to gain recognition in the general population and the health care community, the profession can be seen as having high job potential, particularly with the growing trend toward self-employment. Graduates can specialize in areas that suit their lifestyles, their needs and the needs of their patients. Potential work sites for massage therapists include multi-disciplinary health-care settings, private practice, sports centres, hospitals, and health spas.

TRANSFERABILITY
Diploma graduates have a wide range of continuing education options, ranging from ongoing study in specialty areas to undergraduate and graduate study at institutes and universities across North America. Graduates of this diploma are eligible to apply for admission to the Bachelor of Health Science and General Studies programs at Thompson Rivers University.

CATEGORIES OF ADMISSION
Applicants may be admitted to one of the following:

REGULAR ADMISSION
Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:
1. ELA 30-1 or ELA 30-2
2. Biology 30
3. One subject from Group A, B, C or D

Notes:
• A maximum of one Group D subject may be presented.
• Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

MATURE ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:
1. ELA 30-1 or ELA 30-2
2. Biology 30

ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:
1. English Language Proficiency
To be evaluated through the Office of the University Registrar

Applicable to all admission categories
All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria
To be evaluated through the Program

Applicable to all admission categories
Applicants offered admission must present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.
PROGRAM OF STUDY

YEAR I

Term I

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
</tr>
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<tbody>
<tr>
<td>ENGL 111</td>
<td>Communications</td>
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<tr>
<td>MTST 108</td>
<td>Massage Therapy Foundations</td>
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<td>MTST 109</td>
<td>Palpation Lab</td>
<td>1</td>
<td>C-</td>
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<td>MTST 115</td>
<td>Functional Survey for Massage Therapists</td>
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<td>MTST 120</td>
<td>Human Anatomy I</td>
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<td>MTST 125</td>
<td>Physiology I</td>
<td>3</td>
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<td>MTST 131</td>
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Term II

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<td>Physiology II</td>
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<td>MTST 137</td>
<td>Developing Therapeutic Relationships</td>
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<td>MTST 142</td>
<td>Techniques II</td>
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<td>MTST 146</td>
<td>Body Movements</td>
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<tr>
<td>MTST 161</td>
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Term III

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<tr>
<td>MTST 155</td>
<td>Assessment for Massage Therapists I</td>
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<td>C-</td>
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<tr>
<td>MTST 162</td>
<td>Clinical Practice II</td>
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YEAR II

Term IV

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<tr>
<td>MTST 151</td>
<td>Research Literacy for Massage Therapists</td>
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<td>MTST 156</td>
<td>Assessment for Massage Therapists II</td>
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<td>Techniques IV</td>
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<td>C-</td>
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<td>MTST 260</td>
<td>Clinical Practice III</td>
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<td>C-</td>
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<td>MTST 273</td>
<td>Massage Therapy for Special Populations I</td>
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<td>C-</td>
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<tr>
<td>MTST 281</td>
<td>Treatments and Planning I</td>
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Term V

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<td>Techniques V</td>
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<td>C-</td>
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<tr>
<td>MTST 261</td>
<td>Clinical Practice IV</td>
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<td>C-</td>
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<tr>
<td>MTST 274</td>
<td>Massage Therapy for Special Populations II</td>
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<td>C-</td>
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<tr>
<td>MTST 283</td>
<td>Treatments and Planning II</td>
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<td>C-</td>
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<tr>
<td>MTST 286</td>
<td>Sport Massage</td>
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Term VI

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<td>MTST 226</td>
<td>Techniques VI</td>
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<td>C-</td>
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<tr>
<td>MTST 262</td>
<td>Clinical Practice V</td>
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<td>C-</td>
</tr>
<tr>
<td>MTST 265</td>
<td>Business Management for Massage Therapists</td>
<td>2</td>
<td>C-</td>
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</tbody>
</table>

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PROGRAM GRADUATION REGULATIONS

Police Information Check (Security Clearance)

Students must meet the specific police information check (PIC) requirement as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program. Students are responsible for obtaining a PIC at intervals specified by clinical agencies or the program and making these available, upon request, to their clinical agency representative. Students whose PIC status changes following program admission must self-report this change in status; this may compromise the student’s ability to complete the program and/or they may be required to withdraw from the program.

Immunization

Current immunization against specified communicable diseases is required as a prerequisite for clinical experiences and thus for continued enrolment in the program. Students must meet the specific immunization requirements prior to the end of the fifth term. Documentation of these requirements must be provided to the program by the end of the fifth term. Failure to meet the specified immunization requirements may result in a student being denied an approved clinical experience and/or they may be required to withdraw from the program.

CPR – Basic Life Support for Health Care Provider (C) or equivalent

Students must meet the specific CPR requirements prior to the end of first term. The certification must be for Health Care Providers and include one and two person rescuers (adult, infant, child), bag-valve masks, and automated external defibrillation (AED). Documentation of these requirements must be provided to the program by the end of the first term. Failure to meet the specified CPR requirements may result in a student being denied an approved clinical experience and/or they may be required to withdraw from the program.

First Aid – Basic

Students must meet the specific First Aid requirements by the end of the first term. Documentation of these requirements must be provided to the program by the end of the first term. Failure to meet the specified First Aid requirements may result in a student being denied an approved clinical experience and/or they may be required to withdraw from the program.

CONTACT INFORMATION

T: 780-497-4129
E: massage@macewan.ca
OCCUPATIONAL HEALTH NURSING

Faculty of Nursing - Centre for Professional Nursing Education
MacEwan.ca/OHN

Occupational Health Nursing (OHN) focuses on protecting workers from hazards in their work, promoting workers’ health, preventing illness and injuries and placing workers in jobs suited to their physical, mental and psychosocial abilities. The broad scope of practice encompasses the application of theoretical principles in management, health assessment, health education, counselling, occupational hygiene, toxicology, program development, information management, primary care, emergency response, disability management and client advocacy.

This 30-credit program is offered via online distance delivery, which allows students to study while they maintain their personal and professional obligations. In combination with required clinical hours this program prepares graduates to write the Canadian Nurses Association (CNA) Occupational Health Nursing certification exam.

CAREER POTENTIAL

There is a broad spectrum of employment opportunities for a qualified OHN. Prospective places of employment include the manufacturing, food processing, petrochemical and mining industries, as well as health care agencies, government offices and educational institutions.

TRANSFERABILITY

All courses completed for the Occupational Health Nursing certificate are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed certificate in this program may receive up to 22 credits of transfer credit at Athabasca University. For current, detailed information on individual course and certificate transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORY OF ADMISSION

Applicants may be admitted to the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must be actively registered as a Registered Nurse in Canada or licensed as a nurse in another country, and have received a practicing permit from their professional provincial jurisdiction.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

PROGRAM OF STUDY

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>OCCH 300</td>
<td>Introduction to Occupational Health Nursing</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>OCCH 301</td>
<td>Occupational Environments</td>
<td>4</td>
<td>C-</td>
</tr>
<tr>
<td>OCCH 302</td>
<td>Occupational Health Screening</td>
<td>4</td>
<td>C-</td>
</tr>
<tr>
<td>OCCH 303</td>
<td>Field Experience in Occupational Health Nursing</td>
<td>2</td>
<td>C-</td>
</tr>
<tr>
<td>OCCH 304</td>
<td>Occupational Health Program Development</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>OCCH 305</td>
<td>Disability Management</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>OCCH 306</td>
<td>Trends and Issues in Occupational Health</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>OCCH 307</td>
<td>Occupational Toxicology</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>OCCH 308</td>
<td>Health Surveillance</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>OCCH 309</td>
<td>Occupational Health Nursing: Final Project</td>
<td>2</td>
<td>C-</td>
</tr>
</tbody>
</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

PROGRAM TIME LIMIT - EXEMPTION

A student in Occupational Health Nursing has four years from the first day of the term of acceptance to complete all requirements to be eligible for a credential (C2075 Program Time Limits).

PROGRAM GRADUATION REGULATIONS

Active Registered Nurse License

Students must meet the specific registered nurse requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

CONTACT INFORMATION

T: 780-497-5188
Toll-free: 1-888-497-9390
E: cpne@macewan.ca
OFFICE ASSISTANT

School of Business
MacEwan.ca/OfficeAssist

For more than 40 years the Office Assistant program has been providing quality graduates. Today’s office assistants are highly accomplished software experts who use their skills to help other staff get the most from a computerized office. In addition, office assistants are involved in managing the organizational affairs of their areas that include handling public enquiries, managing computer and paper files, organizing schedules, arranging meetings of senior staff, as well as providing strong customer service and problem-solving skills.

The Office Assistant program is ideal as a foundation for other careers or as a complement to prior training and experience. It runs for 10 months from September until June, ending with a field placement. It is a comprehensive program that offers students the opportunity to specialize in one of the following three majors:

- Administrative
- Legal
- Medical

The program is well suited for individuals with strong organizational skills, an interest in computers, a professional manner, and excellent verbal and written communication skills. Graduates are often required to work independently, so students who are positive and self-motivated do exceptionally well. The program has built a solid reputation with employers, resulting in a job placement rate near 100 per cent.

TRANSFERABILITY

INTERNAL OPPORTUNITIES
MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of the Office Assistant, Administrative major certificate may be granted up to 15 credits to MacEwan University’s Business Management diploma. Students are advised to consult a program advisor in the respective programs for specific admission requirements.

EXTERNAL TRANSFER
All courses completed for the Office Assistant certificate (all majors) are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed certificate are eligible for admission into Year II of the Office Administration diploma at Grande Prairie, Keyano and Red Deer Colleges. For current, detailed information on individual course and certificate transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION
Applicants may be admitted to one of the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
1. a) Applicants must have an Alberta high school diploma (or equivalent).
   OR
   b) Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:
   1. ELA 30-1 or ELA 30-2
   2. Math 30-1 or Math 30-2
   3. One Group A course
   4. One Group C course
   5. One Group A, B or C courses

MATURE ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.

ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:

1. Skills Appraisal
   To be evaluated through the Office of the University Registrar

   Applicable to all admission categories

   • Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

   Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 percent or ELA 30-2 with a minimum grade of 75 percent.

   Writing: Applicants must pass the writing portion OR achieve a minimum grade of C- on any required developmental course work.

   Reading: Applicants must pass the reading portion OR achieve a minimum grade of C- on any required developmental course work.

2. English Language Proficiency
   To be evaluated through the Office of the University Registrar

   Applicable to all admission categories

   All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.
3. Other Admission Criteria
To be evaluated through the Program

Applicable to all admission categories
Applicants are required to successfully pass a five-minute keyboard test.
For Medical Major only:
Applicants offered admission are required to submit the following:
• A clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.
• A valid Immunization record form meeting provincial regulations for health care workers.

Administrative Major
The administrative major provides students with a wide range of skills covering all aspects of the office environment from word processing and accounting to office procedures and customer service. Technology is an integral part of this program – students are trained with the latest software programs as they learn how to process and manage information efficiently.

CAREER POTENTIAL
Students can expect to work as office assistants, receptionists, administrative assistants, executive assistants, personal assistants or secretaries in private companies, business and government offices, and non-profit associations. This program prepares graduates to work in many diverse areas and there are excellent career opportunities.

PROGRAM OF STUDY – ADMINISTRATIVE MAJOR

Term I

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 111</td>
<td>Communications</td>
<td>3</td>
</tr>
<tr>
<td>OAAS 110</td>
<td>Administrative Office Procedures I</td>
<td>3</td>
</tr>
<tr>
<td>OAAS 111</td>
<td>Office Technology I</td>
<td>3</td>
</tr>
<tr>
<td>OADM 112</td>
<td>Customer Communications and Service I</td>
<td>3</td>
</tr>
<tr>
<td>OADM 113</td>
<td>Document Formatting I</td>
<td>3</td>
</tr>
<tr>
<td>OADM 124</td>
<td>Office Math Applications</td>
<td>1</td>
</tr>
</tbody>
</table>

Term II

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 100</td>
<td>Introduction to Accounting and Computerized Accounting Applications</td>
<td>3</td>
</tr>
<tr>
<td>OAAS 120</td>
<td>Administrative Office Procedures II</td>
<td>3</td>
</tr>
<tr>
<td>OAAS 121</td>
<td>Office Technology II</td>
<td>3</td>
</tr>
<tr>
<td>OAAS 127</td>
<td>Presentations and Web Pages</td>
<td>3</td>
</tr>
<tr>
<td>OADM 122</td>
<td>Customer Communications and Service II</td>
<td>3</td>
</tr>
<tr>
<td>OADM 123</td>
<td>Document Formatting II</td>
<td>3</td>
</tr>
</tbody>
</table>

Term III

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>OAAS 130</td>
<td>Administrative Office Procedures III and Field Placement</td>
<td>3</td>
</tr>
<tr>
<td>OAAS 131</td>
<td>Office Technology III</td>
<td>3</td>
</tr>
</tbody>
</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Legal Major
The legal major provides core office skills and legal-specific courses for entry-level legal assistants that include legal transcription, basic legal theory and legal office procedures. The legal assistant in today’s competitive market must be adept with technology, understand procedures in a law office, have a basic knowledge of law and be able to work within time limits.

CAREER POTENTIAL
Graduates work as entry-level legal assistants, transcriptionists or word processing operators in law offices, legal departments of government or private industry, or in general business offices.

PROGRAM OF STUDY – LEGAL MAJOR

Term I

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 111</td>
<td>Communications</td>
<td>3</td>
</tr>
<tr>
<td>LEGL 100</td>
<td>Introduction to Law I</td>
<td>3</td>
</tr>
<tr>
<td>OADM 113</td>
<td>Document Formatting I</td>
<td>3</td>
</tr>
<tr>
<td>OALS 110</td>
<td>Legal Office Procedures I</td>
<td>3</td>
</tr>
<tr>
<td>OALS 111</td>
<td>Word Processing</td>
<td>3</td>
</tr>
<tr>
<td>OALS 115</td>
<td>Corporate Procedures in the Law Office</td>
<td>3</td>
</tr>
</tbody>
</table>

Term II

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEGL 104</td>
<td>Introduction to Law II</td>
<td>3</td>
</tr>
<tr>
<td>OALS 112</td>
<td>Customer Communications and Service</td>
<td>3</td>
</tr>
<tr>
<td>OALS 120</td>
<td>Legal Office Procedures II</td>
<td>3</td>
</tr>
<tr>
<td>OALS 121</td>
<td>Integrated Office Applications</td>
<td>3</td>
</tr>
<tr>
<td>OALS 123</td>
<td>Legal Research and Technology</td>
<td>3</td>
</tr>
<tr>
<td>OADM 124</td>
<td>Office Math Applications</td>
<td>1</td>
</tr>
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</table>

Term III

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>OALS 131</td>
<td>Legal Transcription and Field Placement</td>
<td>3</td>
</tr>
<tr>
<td>OALS 132</td>
<td>Conveyancing Procedures in the Law Office</td>
<td>3</td>
</tr>
</tbody>
</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.
Medical Major
The medical major provides students with the computer and medical software skills necessary for today’s health care field. Students will receive a solid foundation in medical and pharmaceutical terminology, transcription, and medical office procedures which will prepare graduates for a variety of unit clerk and medical office assistant positions.

CAREER POTENTIAL
Graduates work as unit clerks, medical office assistants, medical receptionists and transcriptionists in medical offices, clinics, hospitals and government agencies, as well as general areas such as insurance.

PROGRAM OF STUDY – MEDICAL MAJOR

Term I

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 111</td>
<td>Communications</td>
<td>3</td>
</tr>
<tr>
<td>OAMS 110</td>
<td>Medical Office Procedures I</td>
<td>3</td>
</tr>
<tr>
<td>OAMS 111</td>
<td>Office Technology and Skill Development I</td>
<td>3</td>
</tr>
<tr>
<td>OAMS 113</td>
<td>Medical Terminology I</td>
<td>3</td>
</tr>
<tr>
<td>OAMS 114</td>
<td>Pharmaceutical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>OAMS 128</td>
<td>Office Math Applications and Basic Bookkeeping</td>
<td>2</td>
</tr>
</tbody>
</table>

Term II

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>OAMS 112</td>
<td>Customer Communications and Service</td>
<td>3</td>
</tr>
<tr>
<td>OAMS 120</td>
<td>Medical Office Procedures II</td>
<td>3</td>
</tr>
<tr>
<td>OAMS 121</td>
<td>Office Technology and Skill II</td>
<td>3</td>
</tr>
<tr>
<td>OAMS 123</td>
<td>Medical Terminology II</td>
<td>3</td>
</tr>
<tr>
<td>OAMS 126</td>
<td>Medical Transcription</td>
<td>3</td>
</tr>
<tr>
<td>OAMS 127</td>
<td>Unit Clerk</td>
<td>2</td>
</tr>
</tbody>
</table>

Term III

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>OAMS 130</td>
<td>Medical Office Procedures III</td>
<td>3</td>
</tr>
<tr>
<td>OAMS 134</td>
<td>Medical Major - Field Placement</td>
<td>3</td>
</tr>
</tbody>
</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study

PROGRAM GRADUATION REGULATIONS - MEDICAL MAJOR

Progression of Studies
In order to register in Field Placement (OAMS 134), students in the Office Assistant Program, Medical major, are required to successfully complete all Term I courses, all Term II courses and OAMS 130, and have achieved a minimum 2.0 GPA. The Office Assistant program will provide the consent to students to register in OAMS 134 if the above conditions are met. If these conditions are not met, the program will de-register students from the Field Placement (OAMS 134) as required.

CONTACT INFORMATION
T: 780-497-5162
E: office@macewan.ca
The Paralegal Studies diploma program produces skilled, analytical, and knowledgeable legal professionals, capable of carrying out certain legal tasks in a more independent fashion under the supervision of a lawyer. Students will focus on core legal subject areas such as real estate transactions and corporate procedures but will have greater flexibility to customize their program through their choices of options and electives.

Solid writing and communication skills are critical for work in the legal environment and this program includes an English course that emphasizes writing skills, summarizing and synthesizing written material, as well as grammar and sentence structure.

Graduates of this program are able to use the credit earned in these courses toward any major in the Bachelor of Commerce degree.

CAREER POTENTIAL
While the primary aim of the program is to prepare graduates for work in law offices, many find employment opportunities in government or in the legal departments of large corporations. This program also prepares graduates to work in other settings, such as trust companies and real estate companies. This program is highly respected by the legal community for its ability to adapt to and meet the changing needs of the profession. For this reason, there are excellent career opportunities in Alberta.

CATEGORIES OF ADMISSION
Applicants may be admitted to one of the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:
1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2
3. Three subjects from Group A, B, C or D courses

Notes:
• Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
• A maximum of two Group B subjects may be presented; they must be from different disciplines.
• A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

MATURE ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.
Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:
1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2

PREVIOUS POST-SECONDARY WORK
To be evaluated through the Office of the University Registrar
• A minimum of 18 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:

1. English Language Proficiency
To be evaluated through the Office of the University Registrar

Applicable to all admission categories
• All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.
# PROGRAM OF STUDY

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUSN 201</td>
<td>Introduction to Sustainable Business</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 102</td>
<td>Analysis and Argument</td>
<td>3</td>
</tr>
<tr>
<td>LEGL 210</td>
<td>Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>LEGL 211</td>
<td>Legal Research and Analysis</td>
<td>3</td>
</tr>
<tr>
<td>LEGL 215</td>
<td>Commercial Transactions</td>
<td>3</td>
</tr>
<tr>
<td>LEGL 231</td>
<td>Corporate Procedures</td>
<td>3</td>
</tr>
<tr>
<td>LEGL 235</td>
<td>Civil Litigation and Dispute Resolution</td>
<td>3</td>
</tr>
<tr>
<td>LEGL 250</td>
<td>Real Estate Transactions</td>
<td>3</td>
</tr>
<tr>
<td>LEGL 261</td>
<td>Creditor and Debtor Law</td>
<td>3</td>
</tr>
<tr>
<td>LEGL 292</td>
<td>Paralegal Studies</td>
<td>3</td>
</tr>
<tr>
<td>LEGL 308</td>
<td>Administrative Law and the Regulatory Environment</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 107</td>
<td>Business Computing</td>
<td>3</td>
</tr>
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</table>

Choose one of:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 311</td>
<td>Introductory Accounting</td>
<td>3</td>
</tr>
<tr>
<td>LEGL 180</td>
<td>Financial Procedures for the Law Office</td>
<td>3</td>
</tr>
</tbody>
</table>

Options - Choose 9 credits from the following:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 101</td>
<td>Introduction to Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 102</td>
<td>Introduction to Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>LEGL 221</td>
<td>Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>LEGL 271</td>
<td>Estate Law</td>
<td>3</td>
</tr>
<tr>
<td>LEGL 281</td>
<td>Family Law</td>
<td>3</td>
</tr>
<tr>
<td>LEGL 310</td>
<td>International Business Transactions</td>
<td>3</td>
</tr>
<tr>
<td>LEGL 312</td>
<td>Legal Issues in the Workplace</td>
<td>3</td>
</tr>
<tr>
<td>LEGL 315</td>
<td>Business Law II</td>
<td>3</td>
</tr>
<tr>
<td>LEGL 320</td>
<td>Law of Business Organizations</td>
<td>3</td>
</tr>
</tbody>
</table>

Open Electives - Choose 12 Credits

## CONTACT INFORMATION

T: 780-497-5162  
E: legal@macewan.ca
POLICE AND INVESTIGATIONS

Faculty of Health and Community Studies - Department of Public Safety and Justice Studies
MacEwan.ca/Investigations OR MacEwan.ca/Police

Investigate which of the two-year diplomas offered through the Police and Investigations program prepares you for the career of your choice: Investigative Studies or Police Studies.

Investigative Studies

To respond to society’s increasing concern for security, the demand for educated personnel in both the public and private sectors of protective services continues to grow at a phenomenal rate. To meet the emerging challenges and responsibilities of this growing profession, the two-year diploma emphasizes the knowledge and skills necessary to conduct investigations and develop and implement comprehensive security programs.

Evidence of the growth in this profession is often visible. However, there also exists a less visible side of private investigations and security that includes a diverse group of specialists who engage in investigative work for banks, retail outlets, corporations and government. As the roles continue to expand and become increasingly complex, individuals must be well-grounded in the law and investigative techniques and develop a broad understanding of the field.

The diploma consists of 61 credits and can be completed through full-time day or part-time evening studies. The full-time day program is completed over a two-year period, with one intake in the Fall term. Part-time evening studies can begin in the Fall or Winter, subject to course offerings.

Admission to the program is competitive and is subject to a quota. The competitive admission average may be considerably higher than the posted minimum.

CAREER POTENTIAL

Investigative Studies provides a foundation for individuals seeking positions as investigators, security practitioners and management professionals. Investigators and security practitioners are found within a broad cross-section of public and private institutions and organizations. Some examples include investigators within federal, provincial and municipal government departments, sheriff’s department, security consultants and private investigators. Other related career options include emergency planner, customs and immigration officer, border services officer, insurance investigator, public security peace officer, municipal bylaw enforcement officer, animal control officer, special constables, liquor and gaming inspectors, hospital security officers, maintenance enforcement officers, peace officers and transit security officers.

TRANSFERABILITY

INTERNAL OPPORTUNITIES

MacEwan University is committed to providing bridging and laddering opportunities to certificate and diploma graduates. Graduates of this diploma may be granted up to 60 credits to MacEwan University’s Bachelor of Applied Human Services degree and up to 30 credits to the Bachelor of Arts degree. Students are advised to consult a program advisor for specific admission requirements.

EXTERNAL TRANSFER

All courses completed for the Police and Investigations, Investigative Studies Major diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma in this program may be eligible to receive up to 60 credits to the Bachelor of Professional Arts in Criminal Justice at Athabasca University and a block transfer of 15 credits to the Bachelor of Arts in Criminal Justice Major at Mount Royal University. For current, detailed information on individual course and certificate/diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar
Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Social Studies 30-1 or Social Studies 30-2
3. Three subjects from Group A, B, C, or D

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average of 2.0 on a 4.0 scale.

Notes:
1. Applicants are strongly encouraged to present a broad range of subjects across the humanities and sciences in order to benefit from the breadth of learning and to increase flexibility of future course choices.
2. A maximum of two Group B subjects; they must be from different disciplines.
3. A maximum of one Group D subject. Group D subjects used for admission must be one five-credit subject or two three-credit subjects.
ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:

1. English Language Proficiency
   To be evaluated through the Office of the University Registrar

Applicable to all admission categories
All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria
   To be evaluated through the Program

Applicable to all admission categories
Applicants offered admission must present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

PROGRAM OF STUDY – INVESTIGATIVE STUDIES

YEAR I
Term I

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 111</td>
<td>Communications</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>PSYC 104</td>
<td>Introductory Psychology I</td>
<td>3</td>
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<tr>
<td>PSSC 121</td>
<td>Law and the Administration of Justice</td>
<td>3</td>
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<tr>
<td>PSSC 132</td>
<td>Investigative Law</td>
<td>3</td>
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<tr>
<td>PSSC 151</td>
<td>Security Programs and Risk Management</td>
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Term II

<table>
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<th>Course Name</th>
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<td>ENGL 211</td>
<td>Business Communication</td>
<td>3</td>
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<tr>
<td>PSSC 133</td>
<td>Legal Evidence in Investigations</td>
<td>3</td>
<td></td>
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<tr>
<td>PSSC 141</td>
<td>Interpersonal Skills</td>
<td>3</td>
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</tr>
<tr>
<td>PSSC 252</td>
<td>Investigations I</td>
<td>3</td>
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<tr>
<td>SOCI 100</td>
<td>Introductory Sociology</td>
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YEAR II
Term III

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<td>PSSC 152</td>
<td>Loss Prevention Program</td>
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<tr>
<td>PSSC 212</td>
<td>Abnormal Behaviour and Crime</td>
<td>3</td>
<td></td>
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<tr>
<td>PSSC 242</td>
<td>Leadership Skills</td>
<td>3</td>
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<tr>
<td>PSSC 262</td>
<td>Integration Seminar</td>
<td>1</td>
<td></td>
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<tr>
<td>PSSC 272</td>
<td>Field Placement</td>
<td>4</td>
<td></td>
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<tr>
<td>SOCI 225</td>
<td>Criminology</td>
<td>3</td>
<td>C-</td>
</tr>
</tbody>
</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Police Studies
With rapid societal change and evolving technology, there is a need for police officers dedicated to the community, to problem solving and to making a difference. Policing in the 21st century requires a broad base of knowledge and skill. This challenging and rewarding two-year diploma provides potential police officers with knowledge and skills in leadership techniques, policing, criminalistics, investigative techniques, criminology, law, psychology, sociology and human relations.

The diploma consists of 61 credits and can be completed through a full-time day program or part-time evening studies. The full-time day program is completed over two years, with one intake in the Fall term. Part-time evening studies can begin in the Fall or Winter terms, subject to course offerings.

Admission to the program is competitive and is subject to a quota. The competitive admission average may be considerably higher than the posted minimum.

CAREER POTENTIAL
Graduates from Police Studies may gain employment with the RCMP, municipal police services (e.g. Edmonton Police Service, Calgary Police Service) across Canada, the CN Police, Sheriff’s Department and the Canadian Forces Military Police. Graduates must apply directly to a police service and meet its minimum standards.

TRANSFERABILITY

INTERNAL OPPORTUNITIES
MacEwan University is committed to providing bridging and laddering opportunities to certificate and diploma graduates. Graduates of this diploma may be granted up to 60 credits to MacEwan University’s Bachelor of Applied Human Services degree and up to 30 credits to the Bachelor of Arts degree. Students are advised to consult a program advisor for specific admission requirements.

EXTERNAL TRANSFER
All courses completed for the Police and Investigations, Police Studies Major diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma in this program may be eligible to receive up to 60 credits to the Bachelor of Professional Arts in Criminal Justice at Athabasca University and a block transfer of 15 credits to the Bachelor of Arts in Criminal Justice Major at Mount Royal University. For current, detailed information on individual course and certificate/diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.
CATEGORY OF ADMISSION
Applicants may be admitted to the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must have an Alberta high school diploma (or equivalent) or GED diploma. Applicants must have a minimum overall average of 65 percent with no course grade lower than 50 percent, in the following high school courses:
1. ELA 30-1 or ELA 30-2
2. Social Studies 30-1 or 30-2
3. Three subjects from Group A, B, C, or D
Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average of 2.0 on a 4.0 scale.

Notes:
1. Applicants are strongly encouraged to present a broad range of subjects across the humanities and sciences in order to benefit from the breadth of learning and to increase flexibility of future course choices.
2. A maximum of two Group B subjects; they must be from different disciplines.
3. A maximum of one Group D subject. Group D subjects used for admission must be one five-credit subject or two three-credit subjects.

ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:

1. English Language Proficiency
To be evaluated through the Office of the University Registrar
Applicable to all admission categories
All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria
To be evaluated through the Program
Applicable to all admission categories
Applicants are required to complete the fitness test. Applicants must meet the minimum standard (rating of 1) for each fitness test component and achieve a minimum score of 30/50.

PROGRAM OF STUDY – POLICE STUDIES
YEAR I
Term I

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
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</thead>
<tbody>
<tr>
<td>ENGL 111</td>
<td>Communications</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>PSYC 104</td>
<td>Introductory Psychology I</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>PSSC 112</td>
<td>Policing in Canada</td>
<td>3</td>
<td></td>
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<tr>
<td>PSSC 121</td>
<td>Law and the Administration of Justice</td>
<td>3</td>
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<tr>
<td>PSSC 122</td>
<td>Criminal Law</td>
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Term II

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<th>Course ID</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>ENGL 211</td>
<td>Business Communication</td>
<td>3</td>
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<tr>
<td>PSSC 102</td>
<td>Criminal Investigation</td>
<td>3</td>
<td></td>
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<tr>
<td>PSSC 123</td>
<td>Legal Evidence in Criminal Investigations</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>PSSC 141</td>
<td>Interpersonal Skills</td>
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<tr>
<td>SOCI 100</td>
<td>Introductory Sociology</td>
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<td>C-</td>
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YEAR II
Term III

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PSSC 203</td>
<td>Forensic Science</td>
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<td>C-</td>
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<td>PSSC 212</td>
<td>Abnormal Behaviour and Crime</td>
<td>3</td>
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<td>PSSC 242</td>
<td>Leadership Skills</td>
<td>3</td>
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<tr>
<td>PSSC 262</td>
<td>Integration Seminar</td>
<td>1</td>
<td></td>
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<tr>
<td>PSSC 272</td>
<td>Field Placement</td>
<td>4</td>
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<tr>
<td>SOCI 225</td>
<td>Criminology</td>
<td>3</td>
<td>C-</td>
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</table>

Term IV

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSSC 204</td>
<td>Forensic Investigation</td>
<td>3</td>
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<tr>
<td>PSSC 263</td>
<td>Integration Seminar</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>PSSC 273</td>
<td>Field Placement</td>
<td>4</td>
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</tr>
<tr>
<td>PSSC 283</td>
<td>Emergency Planning and Response</td>
<td>3</td>
<td></td>
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<tr>
<td>SOCI 321</td>
<td>Youth, Crime and Society</td>
<td>3</td>
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</tbody>
</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

ACADEMIC RESIDENCY - EXEMPTION
A student in Police and Investigations (Police Studies or Investigative Studies) must complete at least 30 per cent of courses through MacEwan University. Challenge examinations, transfer credit and other special assessments (for example, prior learning and recognition) are not included in the 30 per cent.

PROGRAM GRADUATION REGULATIONS (BOTH MAJORS)
Police Information Check
Students are responsible for obtaining a Police Information Check annually and for submitting these to the Program prior to September 1 for the duration of the program.
Students must be able to satisfy agency requirements prior to the start of each field placement.
A student must meet the specific Police Information Check requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

CONTACT INFORMATION
Full-time day program
T: 780-497-5186
E: investigations@macewan.ca
E: police@macewan.ca

Part-time program
T: 780-497-5379
E: investigationsparttime@macewan.ca
E: policeparttime@macewan.ca
MacEwan University’s Psychiatric Nursing diploma prepares graduates for a professional career as a registered psychiatric nurse (RPN). This 28-month program is designed for full-time studies and comprises 89 credits of coursework distributed over 2.5 academic years. The program has intakes at two sites: City Centre Campus in Edmonton and the Centennial Centre for Mental Health and Brain Injury in Ponoka.

The curriculum helps students develop the professional competencies they need to care for people experiencing mental and physical health problems. Graduates are ready to promote optimal wellness for patients/clients and provide holistic, client-centred nursing care across the lifespan. The program of study incorporates extensive theory, laboratory and clinical practice. It builds on knowledge from nursing and psychiatric nursing, as well as the biological, health and social sciences. Concentrated blocks of nursing practice experiences, scheduled in a variety of settings, are strategically positioned within each academic year.

Graduates of this program receive a diploma in Psychiatric Nursing and are eligible to write the Registered Psychiatric Nurses of Canada Examination (RPNCE), which is required for registration as an RPN. Program graduates who wish to further their studies in their chosen field may apply for admission to MacEwan University’s 45-credit Bachelor of Psychiatric Nursing degree.

**CAREER POTENTIAL**

RPNs play an integral role as members of the inter-professional health care team. They are employed in such areas as community mental health, acute and sub-acute psychiatry, palliative care, rehabilitation, continuing care, correctional services, crisis intervention, mental health and addictions, education, research and private practice. Psychiatric nurses bring an important mental health perspective to the delivery of health services through their employment in such roles as staff psychiatric nurses, addictions counsellors, therapists, community mental health workers, case managers, educators, administrators, researchers and self-employed practitioners. Psychiatric nursing is recognized as a distinct profession in the Yukon, throughout the Western Canadian provinces and in numerous other countries.

**TRANSFERABILITY**

All courses completed for the Psychiatric Nursing diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Program graduates may choose to pursue a degree in mental health or a related field. The program is designed to incorporate university-transferable coursework applicable to a baccalaureate degree. For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

**CATEGORIES OF ADMISSION**

Applicants may be admitted to one of the following:

**REGULAR ADMISSION**

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Biology 30
3. Chemistry 30 or Science 30
4. Mathematics 30-1 or Mathematics 30-2 or Mathematics 31
5. One Group A, B, C or D course

Notes:

- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).
- Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

**Mature Admission**

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Biology 30
3. Chemistry 30 or Science 30
4. Mathematics 30-1 or Mathematics 30-2 or Mathematics 31

Note:
- For Mature Admission only, another Group C course grade could be used to replace the Mathematics 30-1 or Mathematics 30-2 or Mathematics 31 grade in the calculation of the competitive average. Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.
PREVIOUS POST-SECONDARY WORK

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular or Mature Admission category.

ADDITIONAL ADMISSION CRITERIA

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

Applicants must meet university-level requirements for English language proficiency.

2. Spoken English Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

Applicants who speak English as a second language – regardless of citizenship – are required to submit official documents such as high school, post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

3. Other Admission Criteria

To be evaluated through the Office of the University Registrar

PROGRAM OF STUDY

YEAR I

Term I

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
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<tr>
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<tr>
<td>HLSC 126</td>
<td>Human Physiology I</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>HLST 154</td>
<td>Professional Communication</td>
<td>3</td>
<td>C-</td>
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<tr>
<td>HLST 159</td>
<td>Health Foundations</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>NURS 150</td>
<td>The Discipline of Psychiatric Nursing</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>PSYC 104</td>
<td>Introductory Psychology I</td>
<td>3</td>
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Term II

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<th>Course ID</th>
<th>Course Name</th>
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<tr>
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<td>C-</td>
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<tr>
<td>HLSC 124</td>
<td>Microbiology for Health Professionals</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>HLSC 128</td>
<td>Human Physiology II</td>
<td>3</td>
<td>C-</td>
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<tr>
<td>PNRS 152</td>
<td>Foundations in Nursing Practice</td>
<td>6</td>
<td>C-</td>
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<tr>
<td>PSYC 105</td>
<td>Introductory Psychology II</td>
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Term III

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<tbody>
<tr>
<td>PNRS 155</td>
<td>Mental Health Nursing I</td>
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YEAR II

Term IV

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<tbody>
<tr>
<td>HLSC 220</td>
<td>Pharmacotherapeutics for Health Professionals</td>
<td>3</td>
<td>C-</td>
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<tr>
<td>HLSC 222</td>
<td>Alterations in Health Across the Lifespan</td>
<td>3</td>
<td>C-</td>
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<tr>
<td>NURS 251</td>
<td>Nursing Care, Diverse Populations</td>
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<td>C-</td>
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<tr>
<td>NURS 252</td>
<td>Health Assessment Across the Lifespan</td>
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<td>C-</td>
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<tr>
<td>PNRS 252</td>
<td>Mental Health Nursing II</td>
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Term V

<table>
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<th>Course ID</th>
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<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>NURS 253</td>
<td>Nursing Practice, Diverse Populations I</td>
<td>5</td>
<td>C-</td>
</tr>
<tr>
<td>NURS 255</td>
<td>Nursing Practice, Diverse Populations II</td>
<td>5</td>
<td>C-</td>
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<tr>
<td>PNRS 255</td>
<td>Psychiatric Nursing Practice, Adult Populations</td>
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Term VI

<table>
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<tr>
<th>Course ID</th>
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<th>Credits</th>
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<tbody>
<tr>
<td>PNRS 259</td>
<td>Psychiatric Nursing Practice, Special Populations</td>
<td>5</td>
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</table>

Conditionally accepted applicants who have had a break in the continuity of their nursing program or who completed a portion of a nursing program through another institution may have to meet additional course requirements to establish course currency and/or course equivalence.
The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

**PROGRAM TIME LIMIT - EXEMPTION**
A student in Psychiatric Nursing has four years from the first day of the term of acceptance to complete all requirements to be eligible for a credential (C2075 Program Time Limits).

**PROGRAM GRADUATION REGULATIONS**

**English Requirement**
A three-credit university-level English course at the 100, 200, 300, or 400 level is required as a prerequisite for program completion; ENGL 102 is recommended. ENGL 111, Communications, cannot be used to meet the English course requirement for this program.

**Progression of Studies**
Course registration is required for attendance in all program courses. Students who have had a break in the continuity of their program may have additional course requirements to establish course currency. Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on program courses. In accordance with policy C2070 Academic Standing, a student who fails to complete a prerequisite course designated as being required for progression in the program (or for program completion) may be Required to Withdraw from the program.

**Professional Code of Conduct**
Students must adhere to the College of Registered Psychiatric Nurses of Alberta (CRPNA) Code of Ethics & Standards of Psychiatric Nursing Practice, the professional code of conduct and the confidentiality agreements signed with MacEwan University and clinical placement/other agencies.

**Regulations Governing Clinical Courses**
Students must achieve satisfactory performance in all clinical courses in accordance with the course/clinical criteria. Clinical course hours may include days, evenings, nights and weekends. Students are to arrange their own transportation for required program activities and any costs incurred for meals, travel and accommodation are the student’s responsibility. Students will require daily access to a vehicle for any practice experience not accessible through public transportation. Required nursing practice placements will generally be within a 150 kilometer radius of the program site.

Students must have completed all prerequisite courses as well as all program and agency pre-clinical requirements prior to the start of any clinical course. Students cannot be in attendance at clinical agencies as a MacEwan University psychiatric nursing student except at times and locations authorized by the clinical course instructor for the course in which the student is currently enrolled. Students must comply with policy C2060 Work Integrated Learning regarding clinical and/or nursing practice placements.

In accordance with policy C2060 Work Integrated Learning, the university reserves the right, at any point during the clinical placement, to remove a student from the clinical placement for serious performance issues (i.e., engaging in behaviour that places the client and/or others at risk or that is contrary to the professional or safety requirements of the placement). In such cases the Chair, through consultation with the Dean, will assign a grade of F in the course. Although the decision may be appealed according to policy E3103 Student Appeals, the student will not be permitted to remain in the clinical placement during the appeal.

**Police Information Check**
A current, clear Police Information Check (PIC) that includes a Vulnerable Sector Search is required for program admission. This check must be completed no earlier than 90 days prior to the program start date and submitted no later than the published document deadline. Having a pardon in progress does not meet the admission requirement for a clear PIC.

Students are responsible for obtaining a PIC at intervals specified by clinical agencies and for making these available, upon request, to their clinical agency representative. Students may also be required to obtain child welfare checks for some clinical placements. Students must be able to satisfy agency requirements prior to the start of clinical placements. Students whose PIC status changes following program admission must self-report this change in status; this may compromise their ability to complete the program requirements as they may be denied required clinical placements and, therefore, be unable to meet graduation requirements.

**Program Standards**
Students admitted to this program are presumed to be capable of fulfilling the academic requirements of their program with, if applicable, provision of reasonable accommodation. The reasonable accommodation of students with disabilities shall not require the University to lower its standards, academic or otherwise, nor shall it relieve a student of the responsibility to develop and demonstrate the essential skills and competencies expected of all students pursuing this program (policy E3400, Students with Disabilities).

**Immunization Status**
Program students may be required to care for patients who have infectious diseases such as Hepatitis B and those with other blood-borne pathogens when assigned to their care. Students must be able to meet agency requirements for immunizations prior to the start of all clinical or practice placement courses. Current immunization against specified communicable diseases is required as a prerequisite for practice placements and thus for continued enrollment in the program.

**N95 Mask**
Program students must be fitted for an N95 mask as a prerequisite for clinical experiences, and refitted in accordance with health authority requirements. It is the responsibility of the student to meet the required timelines for mask fitting.
Basic Life Support Certification
A current Health Care Provider Level C Basic Life Support (BLS) certificate is required prior to the start of all clinical courses. The BLS certification must be for Health Care Providers and include one and two person rescuers (adult, infant, child), bag-valve-masks, and automated external defibrillation (AED). BLS certification must be updated every 12 months to meet this requirement, with no grace period provided for the clinical courses.

Agency-Specific Certifications
Program students may be required to complete additional agency-specific certifications as a prerequisite for clinical experiences.

CONTACT INFORMATION
T: 780-497-5874 (Edmonton site)
T: 403-783-7801 (Ponoka site)
E: nurseinfo@macewan.ca
The Public Relations diploma offers a unique opportunity for people with previous post-secondary education to ready themselves for an exciting new career in communications in less than a year.

Public relations is a vibrant, dynamic field in the business environment, simply because organizations are being challenged by their publics – clients, shareholders, communities, employees – to do a better job of communicating.

This program has an excellent, nationwide reputation in the business community. It focuses on training students to be functional, entry-level practitioners the minute they leave the program. While theory receives the necessary attention to develop the students’ understanding of the “big picture” and the potential for growth, the primary goal of the program is to give students the practical tools and skills to make an immediate, positive contribution.

Critical-thinking skills, problem-solving ability, creativity and the ability to rise to a challenge are all valuable assets in this fast-paced program. Group work is extensive and students must work effectively in a team setting. Students should have excellent language skills and be prepared to excel in writing.

The full-time program begins in the fall and consists of 35 credits over three terms. Students are required to complete a two-month practicum in the Spring term.

Part-time study is available with a September start date. Students may complete up to two courses through Open Studies prior to official program application.

CAREER POTENTIAL
Graduates find employment in all levels of government, education and health-related organizations, professional associations, resource sectors, private companies, not-for-profit, media – just about any organization dedicated to strategic, timely and relevant communication.

TRANSFERABILITY
INTERNAL OPPORTUNITIES
MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this diploma may be granted up to 63 credits to MacEwan University’s Bachelor of Communication Studies degree. Students are advised to consult a program advisor for the Bachelor of Communications Studies degree for specific admission requirements.

EXTERNAL TRANSFER
All courses completed for the Public Relations diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma in this program may receive up to 30 credits of transfer credit towards the Bachelor of Professional Arts in Communication Studies at Athabasca University. For current, detailed information on individual course and certificate transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.
SOCIAL WORK

Faculty of Health and Community Studies - School of Social Work
MacEwan.ca/SocialWork

At MacEwan University, social work students learn how to create meaningful change. You are the catalyst in the lives of others that helps them move forward in a positive manner. In this constantly evolving field, MacEwan University prepares students with the competency and professional skills to practice in a social work setting.

For more than 40 years, the university has earned a reputation for graduating skilled, compassionate and professional social workers. Social workers assess and respond to human problems at both an individual and a societal level.

MacEwan University combines a strong academic approach to social work with direct practice field placements and university level electives. Diversity and work with different cultures is integrated into all aspects of the program.

As professionals in a country that upholds respect for diversity, and in keeping with democratic rights and freedoms, social workers respect the distinct systems of beliefs and lifestyles of individuals, families, groups communities and nations without prejudice (United Nations Centre for Human Rights, 1992). Specifically, social workers do not tolerate discrimination based on age, abilities, ethnic background, gender, language, marital status, national ancestry, political affiliation, race, religion, sexual orientation or socio-economic status. Taken from the Canadian Association of Social Workers (CASK) Code of Ethics, copyright 2005.

CAREER POTENTIAL
Graduates of the program are eligible to apply to the Alberta College of Social Workers to become registered social workers (RSW). Graduates can enter the workforce immediately upon graduation or, if eligible, apply to continue their studies in the MacEwan Bachelor of Social Work. Graduates may choose to work in a broad range of social work related areas, including:

- services to families, children and youth
- addiction and mental health
- community health and social service agencies
- correctional services agencies
- employment assistance programs
- family counselling agencies
- health and long-term care organizations
- immigration and settlement services
- preventive social services
- non-profit community agencies
- school boards
- services to seniors

TRANSFERERABILITY

INTERNAL OPPORTUNITIES
MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this diploma can apply to year 3 of the MacEwan Bachelor of Social Work (BSW). Graduates may also be granted up to 72 credits to MacEwan University’s Bachelor of Child and Youth Care degree and up to 60 credits to the Bachelor of Arts degree. Students are advised to consult an advisor for these programs for specific admission requirements and required bridging courses.

EXTERNAL TRANSFER
All courses completed for the Social Work diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma are eligible to apply for entrance directly into year three of the MacEwan Bachelor of Social Work program. Students may also apply to several other BSW programs including but not limited to: Fraser Valley University, Thompson Rivers University, the University of Calgary, and the University of Victoria. For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION
Applicants may be admitted to one of the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar

1. a) Applicants must have an Alberta high school diploma (or equivalent), be 19 years of age or older by December 31st of the year they enter the program, and have completed ELA 30-1 with a minimum grade of 50 percent.

OR

b) Applicants must be 19 years of age or older by December 31st of the year they enter the program, and must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Language (other than English) at the 30-level or Mathematics 30-2 or Mathematics 30-1 or One Group A, B or C course
3. One Group A or B course
4. One Group C course
5. One Group A or C course (or Group B if it was not used in #3 above)

A maximum of two Group B subjects can be used; they must be from different disciplines.

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

MATURE ADMISSION
To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have completed ELA 30-1 with a minimum grade of 50 per cent.

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.
PREVIOUS POST-SECONDARY WORK

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

• A post-secondary Certificate, Diploma, Applied Degree or Degree.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. Skills Appraisal

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

• Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 percent or ENGL 111 with a minimum grade of C-.

Writing: Applicants must pass the writing portion OR achieve a minimum grade of C- on any required developmental course work.

Reading: Applicants must pass the reading portion OR achieve a minimum grade of C- on any required developmental course work.

2. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

3. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Applicants are required to submit the following to be assessed by faculty from the Social Work program:

• A resume and personal/professional profile.
• Evidence of a minimum 70 hours of relevant volunteer/ work experience within the last two years.

Applicants must include three reference letters, two general and one from a volunteer or work experience supervisor.

Applicants offered admission are required to submit the following:

• A clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.
• A clear (no fault) Alberta Children’s Services Intervention Form.

PROGRAM OF STUDY

YEAR I

Term I

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
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<tbody>
<tr>
<td>SOWK 101</td>
<td>Social Work Philosophy and Ethics</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>SOWK 102</td>
<td>Introduction to Social Work Practice</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>SOWK 105</td>
<td>Field Placement</td>
<td>4</td>
<td>CR</td>
</tr>
<tr>
<td>ENGL 102</td>
<td>Analysis and Argument</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>PSYC 104</td>
<td>Introductory Psychology I</td>
<td>3</td>
<td></td>
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<tr>
<td>SOCI 100</td>
<td>Introductory Sociology</td>
<td>3</td>
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Term II

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SOWK 110</td>
<td>Social Work Practice Methods I</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>SOWK 111</td>
<td>Social Work With Families</td>
<td>3</td>
<td></td>
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<tr>
<td>SOWK 112</td>
<td>Social Work With Children and Adolescents</td>
<td>3</td>
<td></td>
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<tr>
<td>SOWK 115</td>
<td>Field Placement</td>
<td>4</td>
<td>CR</td>
</tr>
<tr>
<td>ENGL 103</td>
<td>Introduction to Literature</td>
<td>3</td>
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<td></td>
<td>Arts and Science Elective</td>
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YEAR II

Term III

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<th>Course ID</th>
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<tr>
<td>SOWK 201</td>
<td>Group Work</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>SOWK 202</td>
<td>Social Work Practice Methods II</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>SOWK 204</td>
<td>Social Policy and Anti-Oppressive Practice</td>
<td>3</td>
<td></td>
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<tr>
<td>SOWK 205</td>
<td>Field Placement</td>
<td>4</td>
<td>CR</td>
</tr>
<tr>
<td>POLS 101</td>
<td>Introduction to Politics and Government</td>
<td>3</td>
<td></td>
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<tr>
<td></td>
<td>Arts and Science Elective</td>
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Term IV

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<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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<tr>
<td>SOWK 203</td>
<td>Mental Health, Trauma and Addictions</td>
<td>3</td>
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</tr>
<tr>
<td>SOWK 210</td>
<td>Community Practice Methods III</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SOWK 211</td>
<td>Social Work Methods IV</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SOWK 215</td>
<td>Field Placement</td>
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<td>CR</td>
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<td></td>
<td>Arts and Science Electives (two)</td>
<td>6</td>
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</tr>
</tbody>
</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

CONTACT INFORMATION

T: 780-497-5154
E: socialwork@macewan.ca

For information on the Bachelor of Social Work go to MacEwan.ca/BSW
SPECIAL NEEDS EDUCATIONAL ASSISTANT

Faculty of Health and Community Studies - Department of Human Services and Early Learning
MacEwan.ca/SpecialNeeds

The Special Needs Educational Assistant program prepares graduates to assist teachers in developing and implementing appropriate instructional programs and methods within educational settings. The implementation of inclusive educational policies for students with special needs has created a strong demand for trained educational assistants. The certificate provides a solid foundation of theoretical knowledge combined with practical strategies to support classroom instructional, behavioural, and social learning of students with exceptionalities.

The program is offered in full-time day, part-time evening, and distance formats.

On-Campus Day Program
The 8 month (September - April) full-time program is offered at City Centre Campus.

On-Campus Part-time Evening Program
Evening classes are offered at City Center Campus. Students can begin classes in September or January and complete the program in 2-4 years.

Distance
Distance study makes the program accessible to students regardless of geographic location and provides the flexibility to balance studies with professional and family responsibilities. Students access their course material and readings online and become part of a virtual community of learners. Students learn content through a combination of self-study and faculty guided online discussions. The program can be completed in 2-4 years.

CAREER POTENTIAL
Educational assistants are employed as valuable members of learning teams in a variety of educational settings including pre-school early intervention programs, kindergarten through grade 12 and post-secondary programs. The demand for program graduates in the field continues to be high.

TRANSFERABILITY

INTERNAL OPPORTUNITIES
MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this program with a minimum GPA of 2.0 are eligible to transfer up to 30 credits to MacEwan University’s Bachelor of Child and Youth Care degree after successful completion of bridging courses.

EXTERNAL TRANSFER
All courses completed for the Special Needs Educational Assistant certificate are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed certificate in this program may receive up to 30 credits of transfer credit at Athabasca University. For current, detailed information on individual course and certificate transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION
Applicants may be admitted to one of the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:
1. ELA 30-1 or ELA 30-2
2. Two subjects from Group A, B, C or D
Applicants with nine or more Post-Secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.
Notes:
1. Applicants are strongly encouraged to present a broad range of subjects across the humanities and sciences in order to benefit from the breadth of learning and to increase flexibility of future course choices.
2. A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5 credit or any credit combination of at least 5 credits (e.g. two 3-credit subjects).

MATURE ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses.
1. ELA 30-1 or ELA 30-2
2. One subject from Group A, B or C
Applicants with nine or more Post-Secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:

1. English Language Proficiency
To be evaluated through the Office of the University Registrar
Applicable to all admission categories
All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.
## PROGRAM OF STUDY

### Term I

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 111</td>
<td>Communications</td>
<td>3</td>
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<tr>
<td>TAST 101</td>
<td>Child and Adolescent Development</td>
<td>3</td>
</tr>
<tr>
<td>TAST 107</td>
<td>Students with Exceptionalities - Level I</td>
<td>3</td>
</tr>
<tr>
<td>TAST 125</td>
<td>Collaborative Team Practice</td>
<td>3</td>
</tr>
<tr>
<td>TAST 128</td>
<td>Assistive and Adaptive Technology</td>
<td>3</td>
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### Term II

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<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>TAST 102</td>
<td>Supporting Classroom Behaviour Management</td>
<td>3</td>
</tr>
<tr>
<td>TAST 103</td>
<td>Language Learning and Math Across the Curriculum</td>
<td>3</td>
</tr>
<tr>
<td>TAST 114</td>
<td>Specialized Skills and Practice</td>
<td>2</td>
</tr>
<tr>
<td>TAST 117</td>
<td>Students With Exceptionalities- Level II</td>
<td>3</td>
</tr>
<tr>
<td>TAST 129</td>
<td>Seminar</td>
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<tr>
<td>TAST 130</td>
<td>Practicum</td>
<td>3</td>
</tr>
</tbody>
</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

## CONTACT INFORMATION

T: 780-497-5569  
Toll free: 1-888-497-4622 ext 5569  
E: snea@macewan.ca
THEATRE ARTS

Faculty of Fine Arts and Communications
MacEwan.ca/TheatreArts

Theatre Arts is an intense, two-year diploma with an emphasis on musical theatre actor training. The first year is spent in studio, private coaching, and classroom instruction, mastering the basics of all three disciplines while studying music theatre history, textual analysis, music theory and ear training. The year culminates with workshop productions of a play and musical for invited audiences. In the second year, studio and laboratory courses continue while students apply their training in public productions in our new state of the art performance spaces.

To gain admission to this program, applicants must meet the academic admission requirements and be successful at an audition, demonstrating an aptitude in all three disciplines of acting, singing and dancing. A diagnostic will assess applicants’ basic skills in music theory and ear training.

CAREER POTENTIAL
Theatre Arts graduates work provincially, nationally and internationally in a variety of venues: regional theatres as well as Broadway and London’s West End; Fringe festivals; dinner theatres; cruise entertainment; TV, film, video gaming and voice over work. Many self-produce their own work, while others continue their studies in acting, directing or writing at other institutions.

TRANSFERABILITY

INTERNAL OPPORTUNITIES
MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this program with a minimum GPA of 2.0 are eligible to transfer up to 30 credits to MacEwan University’s Bachelor of Arts degree.

EXTERNAL TRANSFER
All courses completed for the Theatre Arts diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students interested in transferring a completed diploma are advised to consult both the receiving institution regarding transfer policies and the MacEwan University Theatre Arts program regarding coursework and audition preparation. Like the Theatre Arts program at MacEwan University, other institutions typically base transfer on both the application of creative skills as demonstrated in an entrance audition and on an assessment of course content.

Students presenting a completed diploma in this program may be eligible to receive up to 20 credits to the Post-Diploma BFA (Dramatic Arts or Multidisciplinary) or 35 credits to the Pre-Post-Diploma BFA (Dramatic Arts)/BEd programs at the University of Lethbridge. For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION
Applicants may be admitted to one of the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
1. a) Applicants must have an Alberta high school diploma (or equivalent).

MATURE ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term and have at least 50 percent in ELA 30-1 or ELA 30-2.

ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:
1. Skills Appraisal
To be evaluated through the Office of the University Registrar

Applicable to all admission categories
• Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 percent or ELA 30-2 with a minimum grade of 75 percent.

Writing: Applicants must pass the writing portion (with a minimum grade of 4 on the essay) OR achieve a minimum grade of C- on any required developmental course work.

Reading: Applicants must pass the reading portion OR achieve a minimum grade of C- on any required developmental course work.

2. English Language Proficiency
To be evaluated through the Office of the University Registrar

Applicable to all admission categories
All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP

3. Other Admission Criteria
To be evaluated through the Program

Applicable to all admission categories
Applicants are required to audition. Jurors will assess singing, dancing, and acting ability.
# PROGRAM OF STUDY

## YEAR I

### Term I

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>THAR 101</td>
<td>Acting Skills I</td>
<td>3</td>
<td>D</td>
</tr>
<tr>
<td>THAR 104</td>
<td>Vocal Production for Music Theatre I</td>
<td>3</td>
<td>D</td>
</tr>
<tr>
<td>THAR 110</td>
<td>Dance Skills I</td>
<td>3</td>
<td>D</td>
</tr>
<tr>
<td>THAR 140</td>
<td>Music Theory and Ear Training I</td>
<td>3</td>
<td>D</td>
</tr>
<tr>
<td>ENGL 102</td>
<td>Analysis and Argument</td>
<td>3</td>
<td>D</td>
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### Term II

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<th>Course ID</th>
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<tr>
<td>THAR 109</td>
<td>Performer's Lab</td>
<td>3</td>
<td>D</td>
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<tr>
<td>THAR 141</td>
<td>Music Theory and Ear Training II</td>
<td>3</td>
<td>D</td>
</tr>
<tr>
<td>THAR 151</td>
<td>Acting Skills II</td>
<td>3</td>
<td>D</td>
</tr>
<tr>
<td>THAR 154</td>
<td>Vocal Production for Music Theatre II</td>
<td>3</td>
<td>D</td>
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<tr>
<td>THAR 160</td>
<td>Dance Skills II</td>
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<tr>
<td>ENGL 103</td>
<td>Introduction to Literature</td>
<td>3</td>
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</table>

## YEAR II

### Term III

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Min. Grade</th>
</tr>
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<tbody>
<tr>
<td>THAR 201</td>
<td>Acting Skills III</td>
<td>3</td>
<td>D</td>
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<tr>
<td>THAR 204</td>
<td>Vocal Production for Musical Theatre III</td>
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<td>D</td>
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<tr>
<td>THAR 206</td>
<td>Performance I</td>
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<tr>
<td>THAR 240</td>
<td>Music Theory and Ear Training III</td>
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<td>THAR 250</td>
<td>Dance Skills III</td>
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### Term IV

<table>
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<th>Course ID</th>
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<tr>
<td>THAR 251</td>
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<tr>
<td>THAR 254</td>
<td>Vocal Production for Music Theatre IV</td>
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<td>D</td>
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<tr>
<td>THAR 256</td>
<td>Performance II</td>
<td>3</td>
<td>D</td>
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<td>THAR 260</td>
<td>Dance Skills IV</td>
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<td>D</td>
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</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Only full-time students admitted to the Theatre Arts program may register in THAR courses.

## PROGRAM GRADUATION REGULATIONS

### Progression of Studies

Students in the Theatre Arts program are required to successfully complete all Theatre Arts courses in Term 1 of the program of study in order to be able to progress to Term 2.

Students in the Theatre Arts program are required to successfully complete all courses in Year 1 of the program of study in order to be able to progress to Year 2.

Program courses cannot be used to fulfill elective requirements.

### CONTACT INFORMATION

Doreen Piehl, Instructional Assistant
T: 780-497-4393
E: theatrearts@macewan.ca
THEATRE PRODUCTION

Faculty of Fine Arts and Communications
MacEwan.ca/TheatreProduction

The theatre profession requires skilled lighting, sound, set and costume technicians, stage managers, production managers, technical directors and other theatre professionals. Theatre Production’s curriculum provides instruction and practical experience in all these disciplines. Courses in lighting, audio, stagecraft, set painting, prop making, costuming, drafting, stage management, technical direction and video and projection technology ensure that Theatre Production grads are well-equipped for employment in the entertainment industry.

Instructors who are members of the professional community provide equal parts knowledge and experience. Instruction is complemented by workplace learning. Theatre Production students gain valuable exposure to a variety of professional arts groups mounting productions in our new state of the art performance spaces.

CAREER POTENTIAL
Theatre Production graduates are employed in professional theatre, film and television, as well as in the cruise line, conference and special event industries. Graduates have played key behind-the-scenes roles at the Citadel Theatre, Winspear Centre, Edmonton Opera, Alberta Ballet, Edmonton International Fringe Festival, Alberta Theatre Projects, The Stratford Festival, Carnival Cruise Lines, Royal Winnipeg Ballet, Disney, and Rexall Place, to cite only a few examples.

TECHNOLOGY INTEGRATION FOR CREATIVE LEARNING (TICL)
Students in the Theatre Production program will need to purchase an Apple laptop and necessary software identified by the program. This initiative is designed to maximize student learning through the use of digital technology and provide students with the tools required to succeed in the industry. For more information, see the program website (MacEwan.ca/TheatreProduction) or contact Doreen Piehl, Instructional Assistant, at 780-497-4393 or piehld@macewan.ca.

TRANSFERABILITY

INTERNAL OPPORTUNITIES
MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this program with a minimum GPA of 2.0 are eligible to transfer up to 30 credits to MacEwan University’s Bachelor of Arts degree.

EXTERNAL TRANSFER
All courses completed for the Theatre Production diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students interested in transferring a completed diploma are advised to consult both the receiving institution regarding transfer policies and the MacEwan University Theatre Production program regarding coursework and portfolio preparation. Like the Theatre Production program at MacEwan University, other institutions typically base transfer on both the application of creative skills as demonstrated in a portfolio presentation and on an assessment of course content.

Students presenting a completed diploma in this program may be eligible to receive up to 20 credits to the Post-Diploma BFA (Dramatic Arts or Multidisciplinary) or 35 credits to the Pre-Post-Diploma BFA (Dramatic Arts)/BEd programs at the University of Lethbridge. For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION
Applicants may be admitted to one of the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
1. a) Applicants must have an Alberta high school diploma (or equivalent).
   OR
   b) Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:
      1. One Group A course
      2. One Group B or C course
      3. One Group C or D course

MATURE ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.
ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:

1. Skills Appraisal
   To be evaluated through the Office of the University Registrar

   Applicable to all admission categories
   - Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.

   Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 percent or ELA 30-2 with a minimum grade of 75 percent.

   Writing: Applicants must pass the writing portion or achieve a minimum grade of D on any required developmental course work.

   Reading: Applicants must pass the reading portion or achieve a minimum grade of D on any required developmental course work.

2. English Language Proficiency
   To be evaluated through the Office of the University Registrar

   Applicable to all admission categories

   All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

3. Other Admission Criteria
   To be evaluated through the Program

   Applicable to all admission categories

   Conditionally accepted applicants are required to complete Standard First Aid certification by the beginning of the intake term.

PROGRAM OF STUDY

YEAR I

Term I

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPPR 102</td>
<td>Drafting and Model Making</td>
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<tr>
<td>TPPR 103</td>
<td>Introduction to Technical Theatre</td>
<td>1</td>
</tr>
<tr>
<td>TPPR 108</td>
<td>Rigging</td>
<td>1</td>
</tr>
<tr>
<td>TPPR 110</td>
<td>Audio I</td>
<td>2</td>
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<tr>
<td>TPPR 111</td>
<td>Footings</td>
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<td>TPPR 117</td>
<td>Practicum I</td>
<td>3</td>
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<td>ENGL 111</td>
<td>Communications</td>
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Term II

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<th>Course Name</th>
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<tr>
<td>TPPR 101</td>
<td>Applied Theatre History</td>
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<tr>
<td>TPPR 104</td>
<td>Stagecraft I</td>
<td>2</td>
</tr>
<tr>
<td>TPPR 105</td>
<td>Lighting I</td>
<td>2</td>
</tr>
<tr>
<td>TPPR 106</td>
<td>Set Painting I</td>
<td>2</td>
</tr>
<tr>
<td>TPPR 107</td>
<td>Wardrobe I</td>
<td>2</td>
</tr>
<tr>
<td>TPPR 127</td>
<td>Practicum II</td>
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<td></td>
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YEAR II

Term III

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>TPPR 203</td>
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<tr>
<td>TPPR 205</td>
<td>Video and Projection Technology</td>
<td>3</td>
</tr>
<tr>
<td>TPPR 212</td>
<td>Prop Making I</td>
<td>2</td>
</tr>
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<td>TPPR 237</td>
<td>Practicum III</td>
<td>3</td>
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Term IV

<table>
<thead>
<tr>
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<tr>
<td>TPPR 247</td>
<td>Practicum IV</td>
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<td>Elective</td>
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<td>Options</td>
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</table>

In Year II, Terms III and IV, students choose a minimum of 8 credits from the following options:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>TPPR 204</td>
<td>Stagecraft II</td>
<td>2</td>
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<tr>
<td>TPPR 206</td>
<td>Set Painting II</td>
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<tr>
<td>TPPR 207</td>
<td>Wardrobe II</td>
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<td>TPPR 210</td>
<td>Audio II</td>
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<tr>
<td>TPPR 215</td>
<td>Lighting II</td>
<td>2</td>
</tr>
<tr>
<td>TPPR 221</td>
<td>Technical Director</td>
<td>2</td>
</tr>
<tr>
<td>TPPR 222</td>
<td>Prop Making II</td>
<td>1</td>
</tr>
</tbody>
</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

CONTACT INFORMATION

Doreen Piehl, Instructional Assistant
T: 780-497-4393
E: theatreproduction@macewan.ca
THERAPIST ASSISTANT

Faculty of Health and Community Studies - Department of Allied Health and Human Performance
MacEwan.ca/SLPA OR MacEwan.ca/PTAOTA

There are two major programs of study in the two-year Therapist Assistant diploma:
- Speech Language Pathologist Assistant
- Physical & Occupational Therapist Assistant

Speech Language Pathologist Assistant Major
The Speech Language Pathologist Assistant (SLPA) route provides the theoretical knowledge, skill development and practical experience required to work as an SLPA. SLPAs primarily work with children and support the implementation of treatment for communication disorders. The SLPA major is delivered at City Centre Campus and online.

CAREER POTENTIAL
SLPAs work in early education settings and in schools. People who succeed in this career enjoy working with children and are patient, flexible and creative team players. The ability to communicate in English with clear pronunciation is a requirement of employment in this field. The employment rate for graduates is currently 100 per cent.

Admission to the program is competitive and is subject to a quota.

TRANSFERABILITY
All courses completed for the Therapist Assistant, Speech Language Pathologist Assistant Major diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma in this program may receive up to 21 credits to the Bachelor of Health Administration program or 45 credits to the Bachelor of Science (Human Science) Post-Diploma program at Athabasca University. Students presenting a completed diploma in this program will be considered for entrance into the third year of the Bachelor of Community Rehabilitation degree at the University of Calgary. For current, detailed information on individual course and diploma transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

CATEGORIES OF ADMISSION
Applicants may be admitted to one of the following:

REGULAR ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:
1. ELA 30-1 or ELA 30-2
2. Four subjects from Group A, B, C or D

Notes:
1. Applicants are strongly encouraged to present a broad range of subjects across the humanities and sciences in order to benefit from the breadth of learning and to increase flexibility of future course choices.
2. A maximum of two Group B subjects; they must be from different disciplines.
3. A maximum of one Group D subject. Group D subjects used for admission must be one five-credit subject or any credit combination of at least five credits (e.g., two three-credit subjects).

MATURE ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:
1. ELA 30-1 or ELA 30-2
2. One subject from Group A, B or C

PREVIOUS POST-SECONDARY WORK
To be evaluated through the Office of the University Registrar
Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.
Applicants must have successfully completed:
- A minimum of 18 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.
ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:

1. English Language Proficiency
To be evaluated through the Office of the University Registrar

Applicable to all admission categories
All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

2. Spoken English Proficiency
To be evaluated through the Office of the University Registrar

Applicable to all admission categories
Applicants who speak English as a second language – regardless of citizenship – are required to submit official documents such as high school, post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University’s academic calendar or online at MacEwan.ca/ELP.

3. Other Admission Criteria
To be evaluated through the Program

Applicable to all admission categories
Applicants offered admission must present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

PROGRAM OF STUDY – SPEECH LANGUAGE PATHOLOGIST ASSISTANT

YEAR I

Term I

Course ID Course Name Credits Min. Grade
HLST 101 Interpersonal Skills Development 3 C-
LING 100 Introduction to Human Language 3
PSYC 104 Introductory Psychology I 3
THAS 101 Normal Development of Speech, Language and Literacy 3 C-
THAS 104 Role and Responsibilities of Paraprofessionals in an Educational Setting 2 C-

Term II

Course ID Course Name Credits Min. Grade
ECDV 155 Curriculum II: Learning Through Play 3
ENGL 111 Communications 3
THAS 102 Communication Disorders 4 C-
THAS 115 Human Development 4 C-

YEAR II

Term III

Course ID Course Name Credits Min. Grade
TAST 102 Supporting Classroom Behaviour Management 3
THAS 201 Therapeutic Interventions I: Articulation and Phonology 5 C-
THAS 202 Therapeutic Interventions II: Introduction to Clinical Role and Skills 3 C-
THAS 203 Field Placement I 5 CR

Term IV

Course ID Course Name Credits Min. Grade
THAS 213 Therapeutic Interventions III: Language 5 C-
THAS 214 Therapeutic Interventions IV: Special Populations 4 C-
THAS 215 Fieldwork Placement II 5 CR
THAS 216 Sign Language 2 C-

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

ACADEMIC RESIDENCY - EXEMPTION
A student in the Therapist Assistant-Speech Language Pathologist Assistant major must complete at least 40 per cent of courses through MacEwan University. Challenge examinations, transfer credit and other special assessments (for example, prior learning and recognition) are not included in the 40 per cent.

PROGRAM GRADUATION REGULATIONS

Regulations Governing Clinical Fieldwork Courses
Students must achieve satisfactory performance in all clinical fieldwork courses in accordance with the course/clinical criteria and outcomes. Clinical fieldwork hours may include days, evenings, nights and weekends. Students are to arrange their own transportation for required program activities and any costs incurred for meals, travel and accommodation are the student’s responsibility. Students will require daily access to a vehicle for any clinical fieldwork experience not accessible through public transportation. Students cannot be in attendance at clinical agencies as a MacEwan University therapist assistant student except at times and locations authorized by the clinical fieldwork instructor for the course in which the student is currently enrolled. Students must comply with policy C2060 Work Integrated Learning regarding clinical fieldwork practice and/or placement as well as other applicable policies and regulations of the university and the host agency. Students must have completed all prerequisite courses as well as all program and agency pre-clinical requirements prior to the start of any clinical fieldwork course. In accordance with policy C2060 Work Integrated Learning, the university reserves the right, at any point during the clinical fieldwork placement, to remove a student from the clinical fieldwork placement for serious performance issues (i.e., engaging in behaviour that places the client and/or others at risk or that is contrary to the professional or safety requirements of the placement). In such cases the Chair, through consultation with the Dean, will assign a grade of F in
the course. Although the decision may be appealed according to policy E3103 Appeals, the student will not be permitted to remain in the clinical fieldwork placement during the appeal.

**Police Information Check (Security Clearance)**
Students must meet the specific police information check (PIC) requirement as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program. Students are responsible for obtaining a PIC at intervals specified by clinical agencies or the program and making these available, upon request, to their clinical agency representative. Students may also be required to obtain an intervention record check (child welfare check) for some clinical fieldwork placements. Students whose PIC status changes following admission must self-report this change in status; this may compromise the student’s ability to complete the program requirements as they may be denied required clinical fieldwork placements and, therefore, be unable to meet graduation requirements.

**Immunization**
Students must be able to meet agency requirements for immunizations prior to the start of all clinical fieldwork placement courses. Current immunization against specified communicable diseases is required as a prerequisite for clinical fieldwork placements and thus for continued enrolment in the program. Students must meet the specific immunization requirements prior to the start of the third term. Documentation of these requirements must be provided to the program by the start of the third term. Failure to meet the specific immunization requirements may result in a student being denied an approved clinical fieldwork placement and, therefore, be unable to meet graduation requirements.

**CPR – Basic Life Support for Health Care Provider (C) or equivalent**
Students must meet the specific CPR requirements prior to the start of the third term. The certification must be for Health Care Providers and include one and two person rescuers (adult, infant, child), bag-valve masks, and automated external defibrillation (AED). Certification must be current, with no grace period provided for clinical fieldwork courses. Documentation of these requirements must be provided to the program by the start of the third term. Failure to meet the specified CPR requirements may result in a student being denied an approved clinical fieldwork placement and, therefore, be unable to meet graduation requirements.

**First Aid – Basic**
Students must meet the specific First Aid requirements prior to the start of the third term. Documentation of these requirements must be provided to the program by the start of the third term. Failure to meet the specified First Aid requirements may result in a student being denied an approved clinical fieldwork placement and, therefore, be unable to meet graduation requirements.

**Physical & Occupational Therapist Assistant**
The Physical Therapist & Occupational Therapist Assistant (PTA & OTA) major prepares students to work in the fields of physical and occupational therapy, providing patient treatment interventions related to movement and function. PTAs & OTAs assist people to gain or maintain strength, flexibility and their functional status. In addition to working with people with physical health problems, they also work with people with emotional/mental health problems.

**Career Potential**
PTAs & OTAs work in hospitals, long-term care facilities, subacute units, rehabilitation hospitals, mental health programs, physical therapy clinics, schools and home care. To succeed in this field, people should possess patience and flexibility, as they will work with people who are under physical and emotional stress. Creativity, manual dexterity and an interest in fitness are assets, as is the ability to work in a team environment. The employment rate for graduates is currently 100 per cent.

Admission to the program is competitive and is subject to a quota.

**Transferability**
All courses completed for the Therapist Assistant, Physical Therapist Assistant and Occupational Therapist Assistant Major diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. Students presenting a completed diploma in this program may receive up to 60 credits of transfer credit at Athabasca University and may be considered for entrance into the third year of the Bachelor of Community Rehabilitation degree at the University of Calgary. For current, detailed information on individual course and certificate transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

**Categories of Admission**
Applicants may be admitted to one of the following:

**Regular Admission**
To be evaluated through the Office of the University Registrar
Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Biology 30
3. One subject from Group C
4. Two subjects from Group A, B, C or D

**Notes:**
1. Applicants are strongly encouraged to present a broad range of subjects across the humanities and sciences in order to benefit from the breadth of learning and to increase flexibility of future course choices.
2. A maximum of two Group B subjects; they must be from different disciplines.
3. A maximum of one Group D subject. Group D subjects used for admission must be one five-credit subject or any credit combination of at least five credits (e.g., two three-credit subjects).
MATURE ADMISSION
To be evaluated through the Office of the University Registrar
Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:
1. ELA 30-1 or ELA 30-2
2. Biology 30
3. One subject from Group C

PREVIOUS POST-SECONDARY WORK
To be evaluated through the Office of the University Registrar
Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.
Applicants must have successfully completed:
• A minimum of 18 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have successfully completed Biology 30.

ADDITIONAL ADMISSION CRITERIA
All applicants must meet the following:

1. English Language Proficiency
   To be evaluated through the Office of the University Registrar
   Applicable to all admission categories
All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan’s academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria
   To be evaluated through the Program
   Applicable to all admission categories
Applicants offered admission must present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

PROGRAM OF STUDY – PHYSICAL & OCCUPATIONAL THERAPIST ASSISTANT

YEAR I
Term I
<table>
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<tr>
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<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>HLSC 104</td>
<td>Applied Human Anatomy</td>
<td>3</td>
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<tr>
<td>HLSC 105</td>
<td>Applied Human Physiology</td>
<td>6</td>
<td>C-</td>
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<tr>
<td>HLST 101</td>
<td>Interpersonal Skills Development</td>
<td>3</td>
<td>C-</td>
</tr>
<tr>
<td>THAS 103</td>
<td>Pathology</td>
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<td>C-</td>
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Term II

<table>
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<th>Course ID</th>
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<th>Credits</th>
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<tbody>
<tr>
<td>ENGL 111</td>
<td>Communications</td>
<td>3</td>
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<tr>
<td>THAS 115</td>
<td>Human Development</td>
<td>4</td>
<td>C-</td>
</tr>
<tr>
<td>THAS 116</td>
<td>Functional Anatomy and Orthopedics</td>
<td>4</td>
<td>C-</td>
</tr>
<tr>
<td>THAS 117</td>
<td>Principles and Techniques of Client Contact</td>
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<td>C-</td>
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YEAR II
Term III

<table>
<thead>
<tr>
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<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>THAS 220</td>
<td>Exercise in Physical Therapy</td>
<td>5</td>
<td>C-</td>
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<tr>
<td>THAS 221</td>
<td>Modalities and Acute Care Interventions in Physical Therapy</td>
<td>4</td>
<td>C-</td>
</tr>
<tr>
<td>THAS 222</td>
<td>Occupational Therapy in Mental Health</td>
<td>4</td>
<td>C-</td>
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<tr>
<td>THAS 223</td>
<td>Occupational Therapy in Physical Dysfunction</td>
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Term IV

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<th>Credits</th>
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<tr>
<td>THAS 210</td>
<td>Field Placement I</td>
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<tr>
<td>THAS 211</td>
<td>Field Placement II</td>
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<tr>
<td>THAS 212</td>
<td>Field Placement III</td>
<td>4</td>
<td>CR</td>
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</table>

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.
PROGRAM GRADUATION REGULATIONS

Regulations Governing Clinical Fieldwork Courses
Students must achieve satisfactory performance in all clinical fieldwork courses in accordance with the course/clinical criteria and outcomes. Clinical fieldwork hours may include days, evenings, nights and weekends. Students are to arrange their own transportation for required program activities and any costs incurred for meals, travel and accommodation are the student’s responsibility. Students will require daily access to a vehicle for any clinical fieldwork experience not accessible through public transportation. Students cannot be in attendance at clinical agencies as a MacEwan University therapist assistant student except at times and locations authorized by the clinical fieldwork instructor for the course in which the student is currently enrolled. Students must comply with policy C2060 Work Integrated Learning regarding clinical fieldwork practice and/or placement as well as other applicable policies and regulations of the university and the host agency. Students must have completed all prerequisite courses as well as all program and agency pre-clinical requirements prior to the start of any clinical fieldwork course. In accordance with policy C2060 Work Integrated Learning, the university reserves the right, at any point during the clinical fieldwork placement, to remove a student from the clinical fieldwork placement for serious performance issues (i.e., engaging in behaviour that places the client and/or others at risk or that is contrary to the professional or safety requirements of the placement). In such cases the Chair, through consultation with the Dean, will assign a grade of F in the course. Although the decision may be appealed according to policy E3103 Appeals, the student will not be permitted to remain in the clinical fieldwork placement during the appeal.

Police Information Check (Security Clearance)
Students must meet the specific police information check (PIC) requirement as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program. Students are responsible for obtaining a PIC at intervals specified by clinical agencies or the program and making these available, upon request, to their clinical agency representative. Student may also be required to obtain child welfare checks for some clinical fieldwork placements. Students whose PIC status changes following program admission must self-report this change in status; this may compromise the student’s ability to complete the program requirements as they may be denied required clinical fieldwork placements and, therefore, be unable to meet graduation requirements.

Immunization
Students must be able to meet agency requirements for immunizations prior to the start of all clinical fieldwork placement courses. Current immunization against specified communicable diseases is required as a prerequisite for clinical fieldwork placements and for continued enrolment in the program. Students must meet the specific immunization requirements prior to the start of the third term. Documentation of these requirements must be provided to the program by the start of the third term. Failure to meet the specified immunization requirements may result in a student being denied an approved clinical fieldwork placement and, therefore, be unable to meet graduation requirements.

CPR – Basic Life Support for Health Care Provider (C) or equivalent
Students must meet the specific CPR requirements prior to the start of the third term. The certification must be for Health Care Providers and include one and two person rescuers (adult, infant, child), bag-valve masks, and automated external defibrillation (AED). Certification must be current, with no grace period provided for clinical fieldwork courses. Documentation of these requirements must be provided to the program by the start of the third term. Failure to meet the specified CPR requirements may result in a student being denied an approved clinical fieldwork placement and, therefore, be unable to meet graduation requirements.

First Aid – Basic
Students must meet the specific First Aid requirements prior to the start of the third term. Documentation of these requirements must be provided to the program by the start of the third term. Failure to meet the specified First Aid requirements may result in a student being denied an approved clinical fieldwork placement and, therefore, be unable to meet graduation requirements.

N95 Mask or Equivalent
Students must be fitted for an N95 mask (or equivalent) as a prerequisite for clinical fieldwork experiences, and refitted in accordance with health agency requirements. It is the responsibility of the student to meet the required timelines for mask fitting.

CONTACT INFORMATION
T: 780-497-5723
Toll-free: 1-888-497-4622 ext. 5723
E: therapistassistant@macewan.ca
TRAVEL

School of Business

MacEwan.ca/Travel

This program meets the highest Canadian standards for industry education. It is fast-paced and hands-on: you will work in a computer lab with access to industry software and a live reservation system. Combine this with a one-month practicum at program’s end, and you are highly employable immediately upon graduation.

You’ll take an in-depth look at the world’s most important tourist destinations and learn what motivates travellers to visit them. You’ll also develop an understanding of the evolving travel market and the technology used to document and sell North American and international travel. In just 13 months, you’ll learn the skills Canada’s travel industry demands most: communications, sales techniques, customer service and automation.

To succeed in this career, you should welcome challenges and deadlines. Typically mature students fare better in this program than younger students. Communication skills, people skills and a passion for sales are essential, as are superior organizational skills and a curiosity about the world. Your personal travel experiences are a definite asset.

CAREER POTENTIAL

Educated travel professionals are in high demand. Opportunities abound in everything from adventure tours and special interest to selling leisure packages and incentive travel. Graduates work as travel consultants, reservations agents, customer service representatives, sales representatives and marketing managers. Throughout Canada and around the globe, MacEwan University grads can be found in a range of pursuits: booking scuba diving tours, escorting European coach tours and arranging honeymoons in Hawaii or safari groups to Africa.

TRANSFERABILITY

All courses completed for the Travel diploma are credit courses and may be transferable individually toward further study at other Alberta institutions. For current, detailed information on individual course transferability, refer to the Online Alberta Transfer Guide (www.transferalberta.ca) or contact the receiving institution directly.

This program has a 5 Star rating from the Association of Canadian Travel Agencies (ACTA). The completion of this diploma helps students earn their CTC (Certified Travel Consultant) certification from ACTA.

CATEGORIES OF ADMISSION

Applicants may be admitted to one of the following:

REGULAR ADMISSION

To be evaluated through the Office of the University Registrar

1. a) Applicants must have an Alberta high school diploma (or equivalent).
   OR
   b) Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:
   1. ELA 30-1 or ELA 30-2
   2. Math 30-1 or Math 30-2
   3. One Group A course
   4. One Group C course
   5. One Group A, B or C course

MATURE ADMISSION

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. Skills Appraisal

   To be evaluated through the Office of the University Registrar

   Applicable to all admission categories

   • Unless otherwise specified, identified Skills Appraisal requirements must be completed by the beginning of the intake term.
   
   Applicants must complete the Skills Appraisal only if they do not present ELA 30-1 with a minimum grade of 65 percent or ELA 30-2 with a minimum grade of 75 percent.
   
   Applicants must complete the math portion of the Skills Appraisal only if they do not present Mathematics 20-1 with a minimum grade of 65 percent or Mathematics 30-1 or Mathematics 30-2 with a minimum grade of 50 percent.
   
   Writing: Applicants must pass the writing portion OR achieve a minimum grade of C- on any required developmental course work.
   
   Reading: Applicants must pass the reading portion OR achieve a minimum grade of C- on any required developmental course work.
   
   Math: Applicants must pass the math portion OR achieve a minimum grade of C- on any required developmental course work.

2. English Language Proficiency

   To be evaluated through the Office of the University Registrar

   Applicable to all admission categories

   All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation.
TRAVEL

Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

PROGRAM OF STUDY

<table>
<thead>
<tr>
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<th>Course Name</th>
<th>Credits</th>
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<td>ENGL 211</td>
<td>Business Communication</td>
<td>3</td>
</tr>
<tr>
<td>OADM 101</td>
<td>Formatting and Presentations</td>
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</tr>
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<td>TRVL 110</td>
<td>Airline Fares and Scheduling Concepts</td>
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</tr>
<tr>
<td>TRVL 115</td>
<td>Introduction to Travel and Tourism</td>
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</tr>
<tr>
<td>TRVL 116</td>
<td>Destinations I</td>
<td>3</td>
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<td>TRVL 120</td>
<td>Domestic Air Travel</td>
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<td>TRVL 122</td>
<td>Introduction to Computerized Reservations</td>
<td>3</td>
</tr>
<tr>
<td>TRVL 125</td>
<td>Travel Products and Services</td>
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<tr>
<td>TRVL 126</td>
<td>Destinations II</td>
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<td>TRVL 230</td>
<td>International Air Travel</td>
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<tr>
<td>TRVL 232</td>
<td>Selling Travel Products and Services</td>
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<td>TRVL 233</td>
<td>Travel Accounting</td>
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<tr>
<td>TRVL 236</td>
<td>Destinations III</td>
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<tr>
<td>TRVL 241</td>
<td>Selling and Marketing Travel</td>
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<td>TRVL 242</td>
<td>Advanced Computer Reservations</td>
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<td>TRVL 243</td>
<td>Tourism Industry Suppliers</td>
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<td>TRVL 244</td>
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Choose one of:

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<td>TRVL 235</td>
<td>Travel Industry Study Tour</td>
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The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

CONTACT INFORMATION

T: 780-497-5162
E: travel@macewan.ca
CERTIFICATES OF ACHIEVEMENT

Behavioural Interventions Certificate. ................. 202
BEHAVIOURAL INTERVENTIONS
CERTIFICATE

School of Continuing Education
MacEwan.ca/BehaviouralInterventions

The Behavioural Interventions Certificate of Achievement (BICA) program provides a blend of academic training and skill development in applied behaviour analysis (ABA). ABA principles and procedures are applicable across a wide range of human services, especially in the assistance and treatment of individuals with autism and other developmental disabilities.

This program will also enable students to meet the course requirements to become a Board Certified Assistant Behaviour Analyst (BCaBA), as specified by the Behavior Analyst Certification Board (BACB®). Information about the BCaBA, and its additional requirements (practical experience component and final examination), can be found on the BACB® website: bacb.com.

CAREER POTENTIAL
Recipients of the certificate who wish to pursue BCaBA certification will be well-positioned to obtain supervised positions in which they can accumulate the required hours of practical experience. Those who choose not to pursue BCaBA certification will nevertheless have acquired knowledge and skills that should be of considerable value in assisting with the implementation of behaviour change procedures in a variety of human service professions, such as social work, nursing, teaching, and organizational behaviour. Most importantly, the completion of this program will help meet the needs of a growing number of families in Alberta who are lobbying for increased access to ABA and ABA-related services.

CATEGORIES OF ADMISSION
Internal/Current MacEwan Student Applicants must have completed MacEwan’s:
- PSYC 281 Principles of Behaviour with a minimum grade of C-
- PSYC 385 Applications of Learning with a minimum grade of C-, or be currently enrolled in it
- a minimum of 60 university credits in a degree program

External applicants and past MacEwan University student applicants must have:
- completed MacEwan’s PSYC 281 Principles of Behaviour (or equivalent) with a minimum grade of C-
- completed MacEwan’s PSYC 385 Applications of Learning (or equivalent) with a minimum grade of C-
- been awarded an undergraduate degree in a related field from an accredited institute

Application steps:
1. If you are currently enrolled in a MacEwan University program, proceed to step 3.
2. If you are not a current MacEwan student, apply to Open Studies through Apply Alberta.
3. Once you have a MacEwan Student ID, please complete the application form available through BICA@macewan.ca.

PROGRAM OF STUDY

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PABA 386</td>
<td>The Science and Practice of Behaviour Self-Management</td>
<td>3</td>
</tr>
<tr>
<td>PABA 485</td>
<td>Single-Case Research Designs</td>
<td>3</td>
</tr>
<tr>
<td>PABA 486</td>
<td>Behavioural Interventions in Developmental Disabilities</td>
<td>3</td>
</tr>
</tbody>
</table>

Successful completion of the certificate requires a minimum grade of C- in each course.

CONTACT INFORMATION

BICA Coordinator
Miranda Macauley, M.A., BCBA
BICA@MacEwan.ca
COLLEGE AND UNIVERSITY ENTRANCE PROGRAMMING

English as a Second Language .................. 204
Preparation for University and College .......... 205
ENGLISH AS A SECOND LANGUAGE (ESL)

School of Continuing Education
MacEwan.ca/ESL

The MacEwan English Language Institute (MELI) offers a range of courses for learners of English as an additional language.

Core courses in reading/writing and listening/speaking are offered at five levels of proficiency from Intermediate to English for academic purposes and preparation for postsecondary studies. Focus courses target specific needs and interests including pronunciation, grammar, and academic vocabulary.

The program focuses on English for academic studies for English language learners who wish to complete high school studies, continue to post-secondary studies or re-enter their professions in Canada.

Credit programming consists of core courses, focus courses and test preparation courses for IELTS. Non-credit programming includes courses in writing and speaking. Not all courses may be offered in each term.

Class participation, homework and regular attendance are essential parts of the language learning process.

New applicants take a placement test to determine their starting level in the program.

CAREER POTENTIAL
ESL prepares students for academic upgrading, employment, or university.

ADMISSION
Canadian Citizens and Permanent Residents Applicants must have completed the equivalent of grade 10 either in Canada or in their native country and have a minimum CLB4 or equivalent. Students under 18 years of age are not accepted except with special permission.

APPLICATION PROCESS
Core courses and focus courses:
• Contact the ESL office for pre-screening
• Apply at www.macewan.ca/EAL and pay the nonrefundable application fee. Print the receipt.
• If the applicant is not able to use the web site, applications can be made in person at Alberta College Campus or City Centre Campus.
• Call the ESL office to arrange for a placement test. Bring the receipt for the application fee to the placement test.
Test preparation and non-credit courses:
There are three ways to enroll in these courses:
1. By phone: 780-497-4000 and pay the course fee by credit card.
2. In person: Visit the ESL office, Alberta College Campus 10050 MacDonald Drive.
3. Online at www.macewan.ca/EAL

INTERNATIONAL APPLICANTS
ESL courses for international students are provided through the Academic Pathways Program. For more information, visit MacEwan.ca/AcademicPathways. (Students studying in Canada on a study permit or other visa are considered international students).

STUDENT FINANCIAL SUPPORT
For Canadian citizens or permanent residents, funding may be available for tuition and/or living support.

PROGRAM OF STUDY
Core Courses - Reading and Writing
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<th>Course ID</th>
<th>Course Name</th>
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<td>ERDW 081</td>
<td>Intermediate Reading and Writing I</td>
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</tr>
<tr>
<td>ERDW 082</td>
<td>Intermediate Reading and Writing II</td>
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<tr>
<td>ERDW 083</td>
<td>Advanced Reading and Writing I</td>
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</tr>
<tr>
<td>ERDW 084</td>
<td>Advanced Reading and Writing II</td>
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<tr>
<td>ERDW 085</td>
<td>Reading and Writing for Academic Purposes</td>
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<tr>
<td>ENGL 086</td>
<td>ELP for University - Reading and Writing</td>
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Core Courses - Listening and Speaking
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<td>ESPL 085</td>
<td>Listening and Speaking for Academic Purposes</td>
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<td>ENGL 087</td>
<td>ELP for University - Listening and Speaking</td>
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Focus Courses
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<td>EOPT 061</td>
<td>Pronunciation II</td>
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<td>EOPT 064</td>
<td>Academic Vocabulary I</td>
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<td>EOPT 065</td>
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<td>EOPT 066</td>
<td>Grammar I</td>
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<tr>
<td>EOPT 067</td>
<td>Grammar II</td>
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</tr>
</tbody>
</table>

CONTACT INFORMATION
T: 780-497-4000
E: esl@macewan.ca
PREPARATION FOR UNIVERSITY AND COLLEGE

School of Continuing Education
MacEwan.ca/Preparation

University Preparation offers core high school equivalent courses that are prerequisites for entrance to university programs.

CAREER POTENTIAL
University Preparation is an essential first step toward the achievement of a student’s career goal. This program allows most students to complete all of their prerequisites within a year and thus fast track into the program of their choice.

TRANSFERABILITY
Courses offered in this program are accepted for admission purposes by all post-secondary institutions within Alberta and Canada.

ADMISSION
Applicants must be able to read and write at a minimum level of grade 10 level. Applicants presenting transcripts with coursework completed more than two years ago will be required to write a placement test to determine their current academic standing and placement level in the program. Preparation for University and College does not have a mature entrance category.

HIGH SCHOOL EQUIVALENCY DIPLOMA
University Preparation offers a high school equivalency diploma. In order to qualify, students must present five courses with a minimum grade of “D” at the 30-level. Three of the five courses must be completed in the University Preparation program. Of the five courses required for the equivalency diploma, at least one must be in English (30-level) and one must be in mathematics (30-level). For more information, contact our office at 780-497-4029.

APPLICATION PROCESS
To apply to this program, the following are necessary:
• a completed, signed application form and
• a $110 non-refundable application fee for domestic students.

Students can either:
• apply online via the ApplyAlberta website (Visa or MasterCard)
• apply in person: download a copy of the domestic application form from our website or pick up an application form from one of our campuses. These can be dropped off at the Office of the University Registrar on City Centre Campus or any campus Information Centre.

Note: International applicants who are students studying in Canada on a Study Permit or other visa interested in taking University Preparation courses, must apply to the Academic Pathways Program.

Applicants will receive an emailed acceptance letter with their network ID and login password when their completed application and non-refundable fee have been received by the Office of the University Registrar. Applicants with a transcript or pre-requisites more than two years old must write the placement test and have a meeting with the advisor to discuss test results and career goals. Funding may be available to students to cover the cost of tuition fees and some course materials. For more information, call 780-497-4029 or the student finance/award advisor.

PROGRAM OF STUDY

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
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<td>BIOL 030</td>
<td>Biology 30</td>
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<tr>
<td>CHEM 020</td>
<td>Chemistry 20</td>
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<td>CHEM 030</td>
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<td>CMSK 011</td>
<td>Computers Level I</td>
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<td>CMSK 015</td>
<td>Computers Level II</td>
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<td>ENGL 020-1</td>
<td>English 20-1</td>
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<tr>
<td>ENGL 020-2</td>
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<td>ENGL 030-1</td>
<td>Senior Academic English</td>
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<td>MATH 010R</td>
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<td>SCIE 010</td>
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<tr>
<td>SOST 030-1</td>
<td>Social Studies 030-1</td>
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</table>

Not all courses are offered each term. Evening courses have separate start and end dates, consult the program for further details.

CONTACT INFORMATION
T: 780-497-4029
E: preparation@macewan.ca
## ACCOUNTING AND STRATEGIC MEASUREMENT

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## ARTS AND CULTURAL MANAGEMENT

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### BACHELOR OF APPLIED BUSINESS ADMINISTRATION – ACCOUNTING

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### Bachelor of Communication Studies – Journalism Major

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### Bachelor of Communication Studies – Professional Communication Major

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### Bachelor of Music in Jazz and Contemporary Popular Music

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### Bachelor of Science in Nursing

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### Bachelor of Science in Nursing

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### Business Management

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### Business Management – Aviation Management Major

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### Business Management – Insurance and Risk Management Major

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### BUSINESS MANAGEMENT – INSURANCE AND RISK MANAGEMENT MAJOR

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### Office Assistant – Medical Major

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### Police and Investigations – Investigative Studies Major

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### Police and Investigations – Police Studies Major

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### Police and Investigations – Police Studies Major

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### Psychiatric Nursing

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### Special Needs Educational Assistant

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## SPECIAL NEEDS EDUCATIONAL ASSISTANT

### CREDIT EARNED IN:
- RPRR 119
- SOWK 102 & SOWK 110
- TA 211.2
- TA 212.3
- TA 111.3
- TA 111.4
- TA 230.3
- TA 330.3
- TAST 104
- THAS 115

### MAY BE SUBSTITUTED FOR CREDIT IN PROGRAM COURSE:
- TAST 114
- TAST 114
- TAST 102
- TAST 103
- TAST 101
- TAST 101
- TAST 114
- TAST 114
- TAST 101

## THEATRE ARTS

### CREDIT EARNED IN:
- DRMA 102

### MAY BE SUBSTITUTED FOR CREDIT IN PROGRAM COURSE:
- THAR 153

## THERAPIST ASSISTANT – PHYSICAL THERAPIST ASSISTANT/OCUPATIONAL THERAPIST ASSISTANT

### CREDIT EARNED IN:
- BA 104.3
- CJ 102.3
- CORR 100
- CYCW 101
- ENGL 100
- ENGL 101
- ENGL 102
- ENGL 103
- ENGL 105
- ENGL 108
- ENGL 199
- HH 126 & HH 167
- HH 501.3
- HLSC 120
- HLSC 122
- HLSC 126 & HLSC 128
- HR 101.3
- INTD 105
- LS 102.3
- MH 103.3

### MAY BE SUBSTITUTED FOR CREDIT IN PROGRAM COURSE:
- HLST 101
- HLST 101
- HLST 101
- HLST 101
- ENGL 111
- ENGL 111
- ENGL 111
- ENGL 111
- ENGL 111
- ENGL 111
- ENGL 111
- ENGL 111
- ENGL 111
- ENGL 111
- ENGL 111
- ENGL 111
- THAS 115

## THERAPIST ASSISTANT – SPEECH LANGUAGE PATHOLOGIST ASSISTANT MAJOR

### CREDIT EARNED IN:
- BA 104.3
- CJ 102.3
- CORR 100
- CYCW 101
- ENGL 100
- ENGL 101
- ENGL 102
- ENGL 103
- ENGL 105
- ENGL 199
- HH 126 & HH 167
- HH 501.3
- HLSC 120
- HLSC 122
- HLSC 126 & HLSC 128
- HR 101.3
- INTD 105
- LS 102.3
- MH 103.3

### MAY BE SUBSTITUTED FOR CREDIT IN PROGRAM COURSE:
- HLST 101
- HLST 101
- HLST 101
- HLST 101
- ENGL 111
- ENGL 111
- ENGL 111
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## THERAPIST ASSISTANT – SPEECH LANGUAGE PATHOLOGIST ASSISTANT MAJOR

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## TRAVEL

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<tr>
<td>MGMT 107</td>
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The following section is a complete alphabetical listing of courses for all MacEwan University programs. Each MacEwan University course listed in this section has information that all students need to know. The legend provides an explanation for each element included in the course description.

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**LEGEND**

<table>
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<th>COURSE CODE</th>
<th>COURSE NAME</th>
<th>COURSE HOURS</th>
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<tr>
<td>PSYC-104</td>
<td>Introductory Psychology I</td>
<td>3 Credits Weekly (3-o-o)</td>
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</table>

A survey of natural science topics in Psychology. The course covers the evolution of psychological sciences, research methods, biological psychology, consciousness, principles and development of perception, motivation, learning, and their relationship to the psychological functioning of the individual. If both PSYC 104 and PSYC 105 are to be taken it is recommended that students take PSYC 104 before taking PSYC 105.

**COURSE HOURS**

Course hours are represented using either a weekly or total hour format. Weekly hour format is based on a regular fall or winter term as indicated in the Academic Schedule. Both formats use the same three digits – lecture, lab, and other course hours. The method of display – “Weekly” or “Total” is identified before the hours as shown below:

- Weekly (a-b-c) or Total (a-b-c)
  - a Hours assigned to lecture
  - b Hours assigned to lab
  - c Hours assigned to other forms of instruction such as seminar, clinical, co-op placement, field placement, practicum, and/or research hours

Course hours do not reflect the offering pattern(s) for specific courses in a given term. Student timetables, available on class registration, clearly indicate the date, time and duration of classes.
ACCT-100
Introduction to Accounting and Computerized Accounting Applications
3 Credits  Weekly (3-o-0)
This is a basic financial accounting course in which students explore the introductory principles, concepts and applications of accounting. Through an overview of the nine step accounting cycle, students demonstrate the full range of processes from the initial recording of transactions to the creation of financial statements and reports. Students record transactions manually, and then electronically using an industry standard software package(s).

ACCT-111
Financial Accounting I
3 Credits  Weekly (3-o-0)
Students are introduced to fundamental accounting principles, concepts and techniques. The course provides an overview of the accounting cycle from the initial recording of transactions through to the preparation of financial statements for merchandising and service businesses that are organized as proprietorships, partnerships or corporations. Internal controls for cash, calculating and recording of payroll, sales taxes and some alternate inventory cost flow assumptions are other topics that are examined in detail.

ACCT-161
Financial Accounting II
3 Credits  Weekly (3-o-0)
Students study recording and reporting issues for receivables, capital assets, current and long-term liabilities, and investments. The unique equity recording and reporting issues for partnerships and corporations are explored in detail. Preparation of the cash flow statement is introduced. Analysis of financial statement information is also included in the course.
Prerequisites: Minimum grade of C- in ACCT 111.

ACCT-162
Practical Tax Applications
3 Credits  Weekly (3-o-0)
This hands-on course introduces students to the preparation of personal tax returns (T1) and corporate tax returns (T2), including the documentation and schedules related to T1 and T2 preparation. Students gain an understanding of the concepts underlying income tax legislation. This course also provides a brief introduction to the Goods and Services Tax (GST). The explicit use of taxation software is expected in this course.
Prerequisites: ACCT 111.

ACCT-164
Accounting Software Applications
3 Credits  Weekly (3-o-0)
Students record business transactions during all steps of the accounting cycle using multiple accounting software packages (information systems). Students create financial statements, generate reports, compare multiple accounting information systems and make recommendations.
Prerequisites: MGMT 107, and ACCT 111.

ACCT-211
Financial Accounting III
3 Credits  Weekly (3-o-0)
This is the first of two intermediate financial accounting courses. It provides an in-depth examination of financial accounting concepts, fundamental principles, policies, and reporting requirements for current and non-current assets. Students use their foundational knowledge to further develop their professional judgment for recording and reporting various accounting transactions related to current and non-current assets. Students learn International Financial Reporting Standards (IFRS), and Accounting Standards for Private Entities (ASPE).
Prerequisites: ACCT 161.

ACCT-214
Integrated Accounting Systems
3 Credits  Weekly (3-o-0)
Students focus on two key software packages: spreadsheet applications and advanced financial accounting software such as ERP software. Students build intermediate and advanced spreadsheet applications to analyze and solve business problems. Students also explore and use advanced accounting software to record transactions and prepare financial statements, create reports and analyze the results.
Prerequisites: ACCT 161 and ACCT 164.

ACCT-215
Quantitative Decision Support
3 Credits  Weekly (3-o-0)
An introduction to descriptive and inferential statistics, and the use of statistical analysis within the business environment. Manual and computer software methods are used to explore topics such as: probability distributions, sampling distributions, hypothesis tests and simple linear regression.
Prerequisites: MGMT 107.

ACCT-218
Management Accounting I
3 Credits  Weekly (3-o-0)
Students gain an understanding of the managerial accounting tools used for planning, directing and controlling an organization. This course covers topics and concepts such as cost behaviour, costing methods, cost-volume-profit analysis, budgeting, relevant costs, segment reporting and performance measurement. Familiarity with spreadsheets is an asset in this course.
Prerequisites: ACCT 111.

ACCT-255
Financial Management
3 Credits  Weekly (3-o-0)
This course explores the goals and decision making process of financial management. It is a study of the financial and investment decisions from the corporation’s perspective which includes the valuing of financial assets, determining the cost of capital and capital structure, and managing short and long term finances.
Prerequisites: ACCT 211.

ACCT-261
Financial Accounting IV
3 Credits  Weekly (3-o-0)
This is the second of two intermediate financial accounting courses. It provides an in-depth examination of financial accounting concepts, fundamental principles, policies, and reporting requirements for liabilities and shareholders’ equity, complex accounting situations, and the preparation of the statement of cash flows. Students use their foundational knowledge to further develop their professional judgement in these areas as well as in the area of accounting errors and changes. Students learn International Financial Reporting Standards (IFRS) and Accounting Standards for Private Entities (ASPE).
Prerequisites: ACCT 211.
ACCT-268 Management Accounting II 3 Credits Weekly (3-0-0)
The focus of this intermediate accounting course is on cost management and costing systems. The emphasis is on the use of cost information for planning, decision making, and control. This is accomplished through an in depth study of various costing systems e.g. job costing, process costing, activity based costing and management, support department cost allocation, joint product and by product costing and variable and absorption costing.
Prerequisites: Minimum grade of C- in one of ACCT 218 or ACCT 322.

ACCT-275 Accounting Information Systems 3 Credits Weekly (3-0-0)
This course emphasizes the accountant's role in the design, development, implementation, operation, and control of accounting information systems. Students use and interpret common documentation tools to represent, explain and analyze business processes and cycles. Students also evaluate internal control systems to assist organizations to achieve their goals, assess risks and propose effective control plans. The fundamentals of information security, risk management and fraud detection are analyzed in accounting systems.
Prerequisites: MGMT 107 and a minimum grade of C- in one of ACCT 211 or ACCT 315.

ACCT-311 Introductory Accounting 3 Credits Weekly (3-1-0)
Students are introduced to the preparation, use, and interpretation of financial statements. Emphasis is on reporting to shareholders, creditors, and other external decision makers. The course also includes principles and standards of balance sheet valuation, income measurements, financial disclosure, and cash flow analysis. Restricted to Bachelor of Commerce, Asia Pacific Management, Bachelor of Applied International Business and Supply Chain Management and Business Studies Minor students.
Prerequisites: ECON 102.

ACCT-315 Intermediate Financial Accounting I 3 Credits Weekly (3-0-0)
This is the first of two intermediate financial accounting courses that emphasize the preparation of financial statements for external users in accordance with Generally Accepted Accounting Principles (GAAP) which includes International Financial Reporting Standards (IFRS) and Accounting Standards for Private Enterprise (ASPE). This course focuses on a detailed analysis of accounting for assets and revenue recognition.
Prerequisites: Minimum grade of C- in ACCT 161, or a minimum grade of C- in both FNCE 501 and ACCT 311.

ACCT-316 Intermediate Financial Accounting II 3 Credits Weekly (3-0-0)
This is the second of two intermediate financial accounting courses that emphasize the preparation of financial statements for external users in accordance with current reporting standard, International Financial Reporting Standards (IFRS) and Accounting Standards for Private Enterprise (ASPE). This course provides an in-depth examination of accounting for liabilities, owners’ equity and cash flow, including accounting for complex accounting situations.
Prerequisites: Minimum grade of C- in ACCT 315.

ACCT-318 Management Accounting III 3 Credits Weekly (3-0-0)
The focus of this course is on complex decision analysis tools to solve problems in regression analysis; linear programming; flexible budgeting; variance analysis; capital budgeting with taxes; quality and simulations. Instruction will be done through lecture and by the use of computer modeling.
Prerequisites: Minimum grade of C- in both prerequisite: ACCT 268, and one of ACCT 215 or MGTS 103.

ACCT-322 Managerial Information and Control Systems 3 Credits Weekly (3-0-0)
Students focus on how to prepare and use managerial accounting information for management decision-making. Major topics include: product costing, cost-volume-profit analysis, budgeting, and relevant costs in decision-making.
Prerequisites: ACCT 311 or ACCT 161.

ACCT-324 Intermediate Management Accounting 3 Credits Weekly (3-0-0)
Students enhance and expand upon the concepts and tools acquired in prerequisite courses aimed at costing products, services and processes and developing the accounting information required to support business decisions. Topics include cost allocation procedures in a process environment, service departments and within joint production and decision support for pricing, profit, transfer prices and capital expenditures.
Prerequisites: MGTS 312 and a minimum grade of C- in ACCT 322.

ACCT-328 Income Tax Fundamentals 3 Credits Weekly (3-0-0)
Students build on concepts learned in introductory financial accounting and microeconomics in the study of the fundamentals of the Canadian Income Tax System. Topics covered include the identification of the sources of income and how they are taxed, the computation of net income, taxable income and taxes payable for individuals and corporations resident in Canada and the impact of income taxation on business decision-making. Note: A student may receive credit for only one of ACCT 328 and ACCT 362.
Prerequisites: Minimum grade of C- in one of ACCT 311 or ACCT 161.
COURSE DESCRIPTIONS

ACCT-350  
Audit  
3 Credits  Weekly (3-0-0)  
This course introduces students to the concepts, principles and practical applications of auditing in the business world. It covers the fundamentals of auditing objectives, analytical procedures, internal control, materiality, control risk and audit planning. Audit sampling techniques to test controls, and to provide detailed account balances are reviewed. Operational and comprehensive audit services are also examined.  
Prerequisites: minimum grade of C- in one of ACCT 211 or ACCT 315.

ACCT-351  
Advanced Financial Accounting  
3 Credits  Weekly (3-0-0)  
This course covers advanced financial accounting topics. The topics covered are investments in equity securities, business combinations, inter-corporate investments, foreign currency transactions, accounting for not-for-profit and public sector organizations and partnership accounting.  
Prerequisites: ACCT 261.

ACCT-352  
Issues in Global Accounting Practice  
3 Credits  Weekly (3-0-0)  
Globalization affects business operations and the conducting of international business transactions. This course introduces students to the major issues involved in doing business internationally, and how business is conducted within the international economic and trade systems. The course specifically examines how globalization impacts the functional areas of finance, accounting and taxation.  
Prerequisites: LEGL 210 and ECON 101 and either ACCT 261 or ACCT 311.

ACCT-353  
Leadership and Ethics  
3 Credits  Weekly (3-0-0)  
Students examine the theoretical and practical aspects of leadership and ethics with a focus on ethical decision-making in business contexts. Concepts including utilitarianism, virtue ethics, organizational values, ethical relativism, transformational, situational and servant leadership, and intercultural contexts are discussed. Students analyze case studies to develop an in-depth understanding of leadership and ethical practice in the workplace, and discuss the implications of unethical business conduct.  
Prerequisites: MGMT 122 or BUSN 200 or BUSN 201.

ACCT-358  
Advanced Management Accounting  
3 Credits  Weekly (3-0-0)  
The course focuses on three key aspects of management accounting. The first component of the course examines how the management accountant evaluates the strategy of the organization. Next, some of the planning tools available to the firm are analyzed and applied. These planning models include the product life cycle, target costing, the theory of constraints, quality and strategic pricing. The course will also look at how senior management controls the overall direction of the firm’s strategy by examining the organizational structure, the balanced scorecard and the management compensation system. The course will also integrate cases throughout the course to illustrate and apply the concepts taught.  
Prerequisites: ACCT 318.

ACCT-362  
Introduction to Taxation  
3 Credits  Weekly (3-0-0)  
Students are introduced to taxation in Canada, focusing on the income taxation of individual taxpayers and an introduction to the Goods and Services tax. Topics include: General concepts and principles of income taxation and the Goods and Services tax, the computation of net income, taxable income and tax payable for individuals and the administration of income taxation. Students apply the concepts covered through problems and cases.  
Note: A student may receive credit for only one of ACCT 362 and ACCT 328.  
Prerequisites: ACCT 311.

ACCT-366  
Government and Not-for-Profit Accounting  
3 Credits  Weekly (3-0-0)  
Students gain an understanding of the mission requirements of Not-For-Profit (NFP) and Government entities which result in differences between traditional IFRS or ASPE accounting, and NFP & Government accounting. Students develop more in-depth knowledge about the legislative process at the municipal, provincial and federal government level, and at the Board level of NFP organizations. Students develop the ability to prepare NFP and Government financial statements which include the disclosure of issues such as fund accounting and accounting for endowments.  
Prerequisites: ACCT 311 or ACCT 111 & ACCT 161 Minimum grade of C- is required in all prerequisite courses.

ACCT-370  
Directed Field Study Seminar  
3 Credits  Weekly (3-0-0)  
Directed Field Studies Seminar (DFSS) bridges the gap between academic studies and practical experience. This advanced course prepares students for their Directed Field Studies thus building on the program’s guiding principle of “Theory + Experience = Learning.” DFSS develops theoretical understanding and field-related skills in research design and methodology, as well as critical analysis and interpretation of research literature, research studies and findings. Students also prepare for the workforce through the development of presentation skills, job search skills, resumes, cover letters and interview techniques.  
Prerequisites: ACCT 261 and ACCT 318.
ACCT-371
Directed Field Study I
3 Credits Total (45-0-120)
In Directed Field Study (DFS) courses ACCT 371 – 378, students are required to select and research four different accounting topics over a period of eight months. Each round of DFS (371 & 372; 373 & 374; 375 & 376; 377 & 378) is of two months duration and has two parts. DFS-371 is Part-1 of the two-part DFS and begins with the student selecting a topic in conjunction with the faculty advisor and the employer from the areas of management accounting, financial accounting, auditing, accounting information systems or finance. The research topic selected must be related to the workplace activities. In this part, the student will prepare an outline of the proposed topic, select and appraise secondary research sources and compose a literature review from the selected references. In order to enroll in this course, students must be employed in an accounting position with a minimum of 30 hours per week.
Prerequisites: Minimum grade of C- in all prerequisites: ACCT 350 or ACCT 442, and ACCT 351 or ACCT 410, and ACCT 358 or ACCT 422, and ACCT 370, and ACCT 391 or ACCT 412.

ACCT-372
Directed Field Study II
3 Credits Total (45-0-120)
This course is the second part of the two-part Directed Field Study (DFS) and a continuation of DFS 371. In this part, the student will write one cohesive final report from the literature review, surveys, interviews and all other research done so far and present the final paper to other students, employers, faculty and other interested members of the community. Students also select and critique a presentation of their peers. In order to enroll in this course, students must be employed in an accounting position with a minimum of 30 hours per week.
Prerequisites: ACCT 371.

ACCT-373
Directed Field Study III
3 Credits Total (45-0-120)
In Directed Field Study (DFS) courses ACCT 371 – 378, students are required to select and research four different accounting topics over a period of eight months. Each round of DFS (371 & 372; 373 & 374; 375 & 376; 377 & 378) is of two months duration and has two parts. DFS-373 is Part-1 of the second round of two-part DFS and begins with the student selecting a topic in conjunction with the faculty advisor and the employer from the areas of management accounting, financial accounting, auditing, accounting information systems or finance. The research topic selected must be related to the workplace activities. In this part, the student will prepare an outline of the proposed topic, select and appraise secondary research sources and compose a literature review from the selected references. In order to enroll in this course, students must be employed in an accounting position with a minimum of 30 hours per week.
Prerequisites: ACCT 372.

ACCT-374
Directed Field Study IV
3 Credits Total (45-0-120)
This course is the second part of the two-part Directed Field Study (DFS) and a continuation of DFS 373. In this part, the student will write one cohesive final report from the literature review, surveys, interviews and all other research done so far and present the final paper to other students, employers, faculty and other interested members of the community. Students also select and critique a presentation of their peers. In order to enroll in this course, students must be employed in an accounting position with a minimum of 30 hours per week.
Prerequisites: ACCT 373.

ACCT-375
Directed Field Study V
3 Credits Total (45-0-120)
In Directed Field Study (DFS) courses ACCT 371 – 378, students are required to select and research four different accounting topics over a period of eight months. Each round of DFS (371 & 372; 373 & 374; 375 & 376; 377 & 378) is of two months duration and has two parts. DFS-375 is Part-1 of the third round of two-part DFS and begins with the student selecting a topic in conjunction with the faculty advisor and the employer from the areas of management accounting, financial accounting, auditing, accounting information systems or finance. The research topic selected must be related to the workplace activities. In this part, the student will prepare an outline of the proposed topic, select and appraise secondary research sources and compose a literature review from the selected references. In order to enroll in this course, students must be employed in an accounting position with a minimum of 30 hours per week.
Prerequisites: ACCT 374.

ACCT-376
Directed Field Study VI
3 Credits Total (45-0-120)
This course is the second part of the two-part Directed Field Study (DFS) and a continuation of DFS 375. In this part, the student will write one cohesive final report from the literature review, surveys, interviews and all other research done so far and present the final paper to other students, employers, faculty and other interested members of the community. Students also select and critique a presentation of their peers. In order to enroll in this course, students must be employed in an accounting position with a minimum of 30 hours per week.
Prerequisites: ACCT 375.
ACCT-377
Directed Field Study VII
3 Credits
Total (45-0-120)
In Directed Field Study (DFS) courses ACCT 371 - 378, students are required to select and research four different accounting topics over a period of eight months. Each round of DFS (371 & 372; 373 & 374; 375 & 376; 377 & 378) is of two months duration and has two parts. DFS 377 is Part-1 of the fourth round of two-part DFS and begins with the student selecting a topic in conjunction with the faculty advisor and the employer from the areas of management accounting, financial accounting, auditing, accounting information systems or finance. The research topic selected must be related to the workplace activities. In this part, the student will prepare an outline of the proposed topic, select and appraise secondary research sources and compose a literature review from the selected references. In order to enroll in this course, students must be employed in an accounting position with a minimum of 30 hours per week.
Prerequisites: ACCT 376.

ACCT-378
Directed Field Study VIII
3 Credits
Total (45-0-120)
This course is the second part of the two-part Directed Field Study (DFS) and a continuation of DFS 377. In this part, the student will write one cohesive final report from the literature review, surveys, interviews and all other research done so far and present the final paper to other students, employers, faculty and other interested members of the community. Students also select and critique a presentation of their peers. In order to enroll in this course, students must be employed in an accounting position with a minimum of 30 hours per week.
Prerequisites: ACCT 377.

ACCT-390
Advanced Audit
3 Credits
Weekly (3-0-0)
This advanced audit course covers in-depth techniques and auditing procedures relevant for assets, liabilities, revenue and expense accounts. It includes the procedures for preparation of working papers and the assembly of portions of an audit file. Mini-cases and a computerized audit case supplement are included.
Prerequisites: Minimum grade of C- in one of ACCT 350 or ACCT 442.

ACCT-391
Accounting Theory
3 Credits
Weekly (3-0-0)
In this advanced course, students examine contemporary theory, research and practices that have shaped accounting. Topics include: the conceptual framework of accounting, linking financial information to the users, and alternative measurement methods.
Prerequisites: Minimum grade of C- in one of ACCT 211 or ACCT 315.

ACCT-392
Taxation II
3 Credits
Weekly (3-0-0)
Students study the fundamentals of the Canadian Income Tax System. Topics covered include the structure of income tax legislation, the identification of the sources of income and how they are taxed, the determination of net income, the computation of taxable income and income taxes payable for individuals and corporations resident in Canada. The impact of income taxation on business transactions and decision making are considered in all topic areas and students are introduced to key issues in tax planning for individuals and corporations.
Prerequisites: ACCT 162 and LEGL 210.

ACCT-395
Advanced Finance
3 Credits
Weekly (3-0-0)
This course is designed to apply the tools acquired through previous studies in finance, management accounting, financial accounting and information technology, to assess financial securities and identify the risk associated with those securities.
Prerequisites: One of ACCT 215, STAT 141, STAT 151, or MGTS 103, and a minimum grade of C- in one of ACCT 255 or FNCE 301.

ACCT-398
Strategic Management
3 Credits
Weekly (3-0-0)
This is the capstone course of the Applied Degree in Accounting. Successful completion of this course requires students to demonstrate an in-depth knowledge of performance measurement within the corporate, business and functional levels of strategy. This includes the analysis, formulation and execution of strategic planning through the use of case studies.
Prerequisites: Minimum grade of C- in all prerequisites: ACCT 351 or ACCT 410, and ACCT 358 or ACCT 422, and ACCT 391 or ACCT 412.

ACCT-410
Financial Accounting - Advanced
3 Credits
Weekly (3-0-0)
Building on concepts and tools acquired in previous coursework, students examine the complex concepts and practices of financial reporting in a variety of operating environments including publicly traded enterprises in a multinational environment. The course topics include accounting for financial instruments, inflation, inter-corporate investments and business combinations, foreign currency, and alternative business forms. Note: A student may receive credit for only one of ACCT 410 and ACCT 351.
Prerequisites: Minimum grade of C- in one of ACCT 316 or ACCT 261.

ACCT-412
Financial Accounting Theory
3 Credits
Weekly (3-0-0)
Students explore major concepts in a theoretical approach to accounting. Topics include: the conceptual framework of accounting, the role of accounting in the economy, links between income and value, standard setting and other current issues. Note: A student may receive credit for only one of ACCT 412 and ACCT 391.
Prerequisites: Minimum grade of C- in ACCT 315 or ACCT 211.

ACCT-422
Management Accounting - Advanced
3 Credits
Weekly (3-0-0)
Students use concepts and tools acquired in prerequisite courses as a foundation to address senior level performance evaluation and management within the context of an organization’s strategy including a critical analysis of current practices. Critical thinking and communication skills are emphasized through analysis of cases and current topics. Topics include the nature of management and management accounting system support for strategy, organizational behavior and goal congruence including incentives and compensation, organizational design including management and management accounting systems support, financial and non-financial performance measurement systems including the alignment to strategy and financial and operational forecasting and analysis. Note: A student may receive credit for only one of ACCT 422 and ACCT 358.
Prerequisites: ORGA 201 and minimum grade of C- in ACCT 324.
ACCT-430
Accounting Information and Systems Support
3 Credits Weekly (3-0-0)
Students examine accounting system needs, design, implementation and maintenance in a variety of organizational settings with the aim of providing the information necessary to support strategic initiatives and statutory reporting requirements. Students construct a model to test a variety of assumptions regarding the quality of accounting information. Note: A student may receive credit for only one of ACCT 430 and ACCT 275.
Prerequisites: MSYS 200 and minimum grade of C- in ACCT 322.

ACCT-442
Auditing
3 Credits Weekly (3-0-0)
This course focuses on the concepts and principles of auditing (assurance) including audit objectives, analytical procedures including sampling techniques, internal control, materiality, control risk and planning; and preparation of audit working papers. The comprehensive and systems audit approaches are also addressed. Prerequisites: Minimum grade of C- in one of ACCT 315 or ACCT 211.

ACCT-462
Corporate Taxation
3 Credits Weekly (3-0-0)
Students examine the principles and concepts underlying the income taxation of corporations, including the income taxation of corporate distributions and transactions with shareholders. The course includes corporate tax planning considerations, an introduction to the income taxation of partnerships and trusts, and an introduction to corporate reorganizations. Students use complete problems and cases to apply the course concepts. Prerequisites: ACCT 362

ACCT-493
Integrated Case Studies in Accounting
3 Credits Weekly (3-0-0)
This course is designed to offer students experience in integrated case analysis that will help them in applying the subject matter they have learned in various courses to real life situations. Students apply accounting, finance, strategy and governance knowledge in order to provide recommendations and conclusions for real-world business simulations and case studies. Prerequisites: ACCT-316 or ACCT-261, ACCT 328 or ACCT-392, FNCE 301 or ACCT-255, ACCT-318 or ACCT-324 Minimum grade of C- is required in all prerequisite courses. ACCT-350 or ACCT-442 are strongly recommended for this course.

ACCT-497
Special Topics in Accounting
3 Credits Weekly (0-0-3)
This course involves reading, discussing and critically evaluating current research on specialized topics of interest to senior students in the Bachelor of Commerce. Topics covered vary with the interests of students and faculty and may include an applied field research component in business, government or community. Students should consult with faculty members in the Department of Accounting and Finance for details regarding current offerings. This course can be taken twice for credit. Prerequisites: Minimum of C- in one 300 level ACCT course and consent of the department chair or designate.

ACCU-101
Meridian Systems and Acupuncture Points I
3 Credits Weekly (2-1-0)
Through a combination of lecture, demonstration, and practice, students learn methods of locating acupuncture points in relation to anatomical landmarks and body measurements. Students also learn the concept of meridians, channels and collaterals, and acupuncture point energetics. Prerequisites: HLSC 104.

ACCU-103
Meridian Systems and Acupuncture Points II
3 Credits Weekly (2-1-0)
Through a combination of lecture, demonstration, and practice, students learn the surface anatomy of the regular meridians and collaterals of the lower extremities, pelvis and lumbar region. This includes learning the location of acupuncture points on these meridians, as well as their divergent channels, internal pathways, and extra points. Students also learn the concept of cyclical flow in the meridians and acupuncture points. This course is a continuation of Meridian Systems and Acupuncture Points I. Prerequisites: ACUP 101.

ACCU-104
Diagnostics in Traditional Chinese Medicine
3 Credits Weekly (3-0-0)
Students diagnose disorders according to the principles of TCM. Patient assessment skills used in modern Traditional Chinese Medicine, including the "Four Methods of Diagnosis", are explained and practiced.

ACCU-105
Introduction to Qi Gong and Tui Na
1 Credit Weekly (1-1-0)
Qi Gong and its value in the practice of Traditional Chinese Medicine is discussed and students are introduced to basic methods of Qi Gong which includes the traditional methods of moving and tonifying Qi. Students also become familiar with basic principles of Tui Na, a style of Chinese manipulations using non-invasive manipulations for therapeutic and relaxation purposes.
ACUP-106 Medical Terminology 1 Credit Weekly (1-0-0)
Topics in this course include an introduction to the use of words and word parts as they relate to different structures of the human body and selected major body systems.

ACUP-108 Clinical Observation I 1 Credit Total (0-0-30)
As the first session of clinical observation, students have the opportunity to witness all facets of patient care, diagnosis and treatment providing the link between theoretical studies and practical clinical application. Students become familiar with all aspects of clinic operation, procedures and patient visits.
Prerequisites: ACUP 104.

ACUP-110 Meridian Systems and Acupuncture Points III 3 Credits Weekly (2-1-0)
Through a combination of lecture, demonstration, and practice students learn the surface anatomy of the regular meridians and collaterals of the upper extremities, thorax, and head/neck regions. This includes learning the location of acupuncture points on these meridians, as well as their divergent channels, internal pathways, and extra points. Students also learn the concept of cyclical flow in the meridians, and acupoint energetics. This course builds on skills acquired in Meridian Systems and Acupuncture Points I.
Prerequisites: ACUP 101.

ACUP-111 Diagnostics in Traditional Chinese Medicine II 3 Credits Weekly (3-1-0)
Students examine the physical, anatomical and energetic aspects of meridian-based physical assessment used in Traditional Chinese Medicine (TCM). Students learn the therapeutic use of the tendino-muscular pathways and the divergent or distinct channels. Students also develop their palpation skills and explore its importance in clinical practice.
Prerequisites: HLSC 104, ACUP 104 and ACUP 101.

ACUP-112 Traditional Chinese Medicine Internal Therapeutics I 2 Credits Weekly (2-0-0)
Students explore various conditions that may appear as a result of dysfunction of the digestive system and how these conditions are assessed, diagnosed and treated using the Traditional Chinese Medicine (TCM) system.
Prerequisites: ACUP 101 ACUP 104 and ACUP 119.

ACUP-113 Clinical Observation and Practice I 1 Credit Total (0-0-60)
This second clinical observation course builds upon the skills learned in Clinical Observation I. Students gradually become more involved with the patient intake process and other clinic procedures.
Prerequisites: ACUP 108.

ACUP-114 Introduction to Research Methodology 2 Credits Weekly (2-0-0)
This course examines the basic concepts and methodologies that are used in modern acupuncture and Traditional Chinese Medicine research. Specific difficulties in applying a commonly used research format for evidence-based practices to the complex, unique practice of Traditional Chinese Medicine are discussed.

ACUP-115 Qi Gong and Tuina II 2 Credits Weekly (2-1-0)
In this course, students build on foundational concepts, and practice more advanced techniques of Qi Gong as preparation for self discipline and mind cultivation. Tuina and Oriental body work are also covered in detail. The application of specific Tuina techniques in a wide variety of pathological conditions is explored and students learn how these techniques from Traditional Chinese Medicine are integrated in the practice of acupuncture.
Prerequisites: ACUP 105.

ACUP-116 TCM Diagnostics Lab 1 Credit Weekly (1-1-0)
The distinct diagnostic methods used to diagnose patterns of disharmony in Traditional Chinese Medicine (TCM) require skills that can only be obtained through practice. During this course, students practice and apply the procedures involved in the Four Pillars of diagnosis in Chinese Medicine. With basic competency in these skill sets, students are able to make correct conclusions and interpretations of the clinical data they have gathered.
Prerequisites: ACUP 104.

ACUP-117 Foundations of Traditional Chinese Medicine 4 Credits Weekly (4-0-0)
Students study the Eastern philosophical ideas and thought processes that form the unique basis of Traditional Chinese Medicine (TCM). Students are familiar with the development of Chinese Medicine in history, including the role and functions of the Zang Fu organ systems.

ACUP-118 Foundations of Traditional Chinese Medicine II 3 Credits Weekly (3-0-0)
Students focus on assessment and description of pathology based on diverse diagnostic systems that are typical to Traditional Chinese Medicine (TCM). Students learn how to differentiate disease patterns by studying theories of Zang Fu organs, Qi, blood and body fluids, eight principles, the six stages and four levels of disease, and San Jiao.
Prerequisites: ACUP 117.

ACUP-124 Introduction to Medical Microbiology 3 Credits Weekly (3-0-0)
In this course, students learn the basic principles of medical microbiology and the pathogenesis of infectious disease and of clinically important microbial pathogens including bacteria, viruses, parasites and fungi. Students learn how microorganisms function in disease. A brief history of microbiology, epidemiology, body defence mechanisms and aseptic techniques are also discussed.
Prerequisites: Biology 30.
ACUP-201
**Extra Meridians & Microsystems**
*2 Credits*  
Weekly (2-1-0)
This course introduces the eight extra meridians theory and acupuncture points. The application of the theory in the clinic is discussed.  
*Prerequisites:* ACUP 101, ACUP 103 and ACUP 110.

ACUP-203
**Therapeutic Principles of Acupuncture, Point Selection and Combination**
*2 Credits*  
Weekly (2-0-0)
Students explore the theoretical and practical principles that are used to formulate an acupuncture point prescription. The meaning of acupuncture point energetics and the synergy between specific points are explained. This course also covers how the acupuncturist can adjust and customize basic point combinations to the patient’s actual signs, symptoms, and conditions. The therapeutic principles and mechanism of acupuncture from both the Traditional Chinese Medicine (TCM) and conventional medicine perspectives are discussed.  
*Prerequisites:* ACUP 101, ACUP 119, ACUP 104.

ACUP-204
**Traditional Chinese Medicine Internal Therapeutics II**
*3 Credits*  
Weekly (3-0-0)
Students explore the various conditions that may appear as a result of dysfunction of the respiratory, cardiovascular systems, as well as psychological disorders. The course also covers how these conditions are assessed, diagnosed and treated according to Traditional Chinese Medicine (TCM).  
*Prerequisites:* ACUP 101, ACUP 104 and ACUP 119.

ACUP-205
**Traditional Chinese Medicine Modalities I**
*1 Credit*  
Weekly (1-1-0)
Students are introduced to the various techniques used in Traditional Chinese Acupuncture such as needling, cupping, moxibustion, gua sha and explains appropriate therapeutic use of these techniques in clinical practice. The techniques of needle stimulation, such as tonification and sedation techniques, and safety and routine practices are also covered.  
*Prerequisites:* ACUP 101.

ACUP-206
**Traditional Chinese Medicine Nutrition, Lifestyle and Zhong Yao**
*3 Credits*  
Weekly (3-0-0)
Topics in this course include the history of Chinese nutrition, basic principles of nutrition from a Chinese energetic perspective, the use of specific foods for therapeutic purposes and the role that nutrition and lifestyle play in the overall maintenance of health in an individual. A generalized overview of the energetic properties of Chinese herbs is also discussed including an introduction to Chinese herbology.  
*Prerequisites:* ACUP 101, ACUP 103, ACUP 104, ACUP 110, ACUP 119 and ACUP 201.

ACUP-208
**Clinical Observation and Practice II**
*2 Credits*  
Total (0-0-120)
The course focuses on all facets of patient care related to noninvasive techniques and therapeutic modalities. Professional behavior, attitudes, patient management and communication are discussed. Foundational principles of Traditional Chinese Medicine and universal safety and hygiene precautions used in the treatment of patients are applied.  
*Prerequisites:* ACUP 113.

ACUP-209
**Internal Medicine**
*3 Credits*  
Weekly (3-0-0)
Students examine the pathological conditions which may affect the various systems of the body. Assessment and therapeutic principles are outlined for the digestive, circulatory, respiratory and urogenital systems. With an understanding of the disease process, western assessment and therapeutic models, students develop communication, team work and referral skills necessary when collaborating with other health care professionals.  
*Prerequisites:* HLSC 104, MTST126.

ACUP-210
**Traditional Chinese Medicine Modalities II**
*3 Credits*  
Weekly (2-1-0)
Students further expand their skills and knowledge of acupuncture techniques. More specialized techniques, such as electro acupuncture and bleeding, as well as less commonly used techniques, like plum blossom needling, are explained, demonstrated and practiced in class.  
*Prerequisites:* ACUP 101.

ACUP-211
**Traditional Chinese Medicine Internal Therapeutics III**
*3 Credits*  
Weekly (3-0-0)
Students explore various pathological conditions that may occur in gynecology and obstetrics based on the theory of Traditional Chinese Medicine (TCM). Students learn to do assessment, diagnosis and form appropriate treatment strategies for these conditions according to the theory of TCM.  
*Prerequisites:* ACUP 101, ACUP 104 and ACUP 119.

ACUP-213
**Traditional Chinese Medicine External Therapeutics I**
*3 Credits*  
Weekly (3-0-0)
Students study musculoskeletal disorders including muscle pain, joint and bone pain resulting from arthritis, injuries and other reasons. For each disorder, etiology, diagnosis and treatment according to Traditional Chinese Medicine (TCM) are discussed. The concepts of Bi Syndrome and Wei Syndrome, including assessment, diagnosis, and treatment are also covered.  
*Prerequisites:* ACUP 101, ACUP 104 and ACUP 119.

ACUP-214
**Clinical Case Studies I**
*1 Credit*  
Weekly (1-0-0)
This course is the first in a series of courses focusing on relevant clinical situations from a TCM perspective. Students present cases from their clinical experience and discuss them with the class and instructor. Students must systematically organize clinical intake data into a comprehensive diagnosis and treatment strategy.  
*Prerequisites:* ACUP 101, ACUP 104, ACUP 119.

ACUP-215
**Internship I**
*1 Credit*  
Total (0-0-60)
In this first internship, students conduct an assessment and formulate an accurate Traditional Chinese Medicine (TCM) diagnosis in collaboration with a supervisor. Students develop and implement treatment plans using a variety of clinical techniques. Students develop skills in the following areas: appropriate communication with patients, professional behaviour, and proper documentation.  
*Prerequisites:* ACUP 101, ACUP 103, ACUP 110, ACUP 205, ACUP 208 and ACUP 210.
ACUP-216
Traditional Chinese Medicine
External Therapeutics II
2 Credits Weekly (2-0-0)
The second course of External Therapeutics focuses on the use of TCM for neurological conditions such as Parkinson’s disease, facial paralysis, trigeminal neuralgia, and proctological, dermatological disorders including hemorrhoids, urticaria, acne, dermatitis, eczema. Disorders of the mouth, eye, ear, nose and throat such as tinnitus, deafness, otitis media, tonsillitis, laryngitis, myopia and toothache are also covered. For each disorder, definition, etiology, pathology, diagnosis, differentiation and treatment according to TCM are discussed.
Prerequisites: ACUP 101, ACUP 104 AND ACUP 119.

ACUP-218
Professional Ethics and Acupuncture Regulations
1 Credit Weekly (1-0-0)
In this course, students gain knowledge and an appreciation of issues related to standards of practice, professional code of ethics, professional boundaries, as well as matters of jurisprudence in the regulation of acupuncture in Alberta. A variety of complex clinical situations are explored such as conflicts of interest, boundary crossings, and privacy legislation. Students also learn how acupuncturists are regulated in Canada and, more specifically, in Alberta.

ACUP-219
Clinical Case Studies II
2 Credits Weekly (2-0-0)
This is the second in a series of courses focusing on relevant clinical presentations. Students present cases from their clinical experience and discuss them with the class and instructor.
Prerequisites: ACUP 214.

ACUP-220
Internship II
2 Credits Total (0-0-140)
Building on the first internship, students continue to make appropriate assessments and proceed with an accurate Traditional Chinese Medicine (TCM) diagnosis with the assistance of the supervisor(s), ensuring appropriate patient charting and contributing actively to the treatment of patients, using appropriate clinical techniques. Students gradually take more initiative in the complete treatment of the patient.
Prerequisites: ACUP 215.

ACUP-221
Traditional Chinese Medicine
Internal Therapeutics IV
3 Credits Weekly (3-0-0)
Students explore urogenital disorders, reproductive system disorders, endocrine disorders, auto-immune disorders, infectious diseases, and pediatric disorders. Students learn appropriate assessment diagnosis and treatment strategies for these disorders according to the theory of Traditional Chinese Medicine (TCM).
Prerequisites: ACUP 101, ACUP 104 and ACUP 119.

ACUP-303
Internship III
2 Credits Total (0-0-140)
During the third internship, students become more independent as they make appropriate assessments and accurate Traditional Chinese Medicine (TCM) diagnoses. Students take more initiative in the complete treatment of the patient. More difficult cases and advanced treatment techniques are practiced under supervision.
Prerequisites: ACUP 220.

ACUP-304
Internship IV
2 Credits Total (0-0-80)
This is the final clinical phase of internship where the senior intern applies the Traditional Chinese Medicine (TCM) knowledge and skills necessary to work independently and successfully in an acupuncture clinic.
Prerequisites: ACUP 303.

ACUP-305
Practice Management and Professional Entry Requirements
3 Credits Weekly (3-0-0)
Students prepare for the business-related aspects of the acupuncture profession. Topics covered include areas such as the planning, start-up and operating of a clinic, communication skills with third parties and other health care providers, Workers’ Compensation Board policies and charting, reporting, and billing issues.

ACUP-311
Acupuncture Safety Course (Clean Needle Technique)
1 Credit Weekly (1-0-0)
This course prepares students to practice acupuncture safely based on Alberta and international standards. It covers information and practice on hygiene, infection prevention, and risk management in an acupuncture clinic.

AGAD-100
Foundations of Arts and Cultural Management
3 Credits Weekly (3-0-0)
In this course, students examine critical issues and trends facing cultural managers today. Students examine the breadth and diversity of the sector, various organizing models and methods, the contributions of the sector to the Canadian economy and the role of art and culture in society. Students also examine significant historical events that influenced the development of the arts in Canada and explore the challenges inherent in balancing the needs of funders, artists and patrons.
AGAD-105 Accounting in Arts and Cultural Management
3 Credits Weekly (3-0-0)
In this course, students prepare, record and interpret financial information used in decision making. Students practice accounting procedures, prepare statements and reports for analysis and examine differences in the accounting practices of not-for-profit, charitable and for-profit arts and cultural organizations.

AGAD-107 Computer Applications in Arts and Cultural Management
3 Credits Weekly (3-0-0)
Students develop foundational skills in the software applications commonly used by the arts manager including the features, functions and efficiencies of spreadsheet, database, word processing, publishing and presentation software. Producing a range of documents, students focus on readability, visual appeal, form and function, and file management in each application. Projects combine skill development with the ability to connect these applications to subsequent work in the program.

AGAD-112 Introduction to Audience and Resource Development
3 Credits Weekly (3-0-0)
Students explore principles of marketing and fund development and examine how these concepts are used to shape communications and resource development initiatives in the cultural sector. Other topics include various methods of relationship building with audiences for a variety of resource development goals focusing on earned and contributed revenue.

AGAD-120 Managing and Leading in Arts and Culture
3 Credits Weekly (3-0-0)
In this course, students study the principles of management and discuss the complexities of leading in the cultural sector. Students examine and reflect on the influences of personality type, perception, motivation and stress on interpersonal effectiveness and the impact of power, politics, change and organizational culture on the organization.
Prerequisites: AGAD 100.

AGAD-122 Applied Audience and Resource Development
3 Credits Weekly (3-0-0)
In this course students research and discuss potential funding and marketing tools and strategies utilized in the cultural sector. Students also develop key messages and plan for the development and use of marketing and fund development tools in various formats and media for a variety of audiences.
Prerequisites: AGAD 112.

AGAD-123 Human Resources in Arts and Cultural Management
3 Credits Weekly (3-0-0)
This course examines the human resources of cultural organizations—the role of boards of directors, volunteers, and paid staff—and teaches the skills necessary to build successful relationships among these groups. Emphasis is placed on the governance function of the board, as well as on the processes of recruitment, selection, orientation and training, motivation and engagement, and termination and transition for all three groups. Learning activities will examine policy development, common practices in human resources management, and how boards, staff, and volunteers work together strategically to advance the work of cultural organizations.

AGAD-201 Advocacy in the Cultural Sector
3 Credits Weekly (3-0-0)
The focus of this course is on developing the knowledge and skills necessary to become a successful advocate in the arts and cultural sector. Students study federal, provincial and municipal cultural policies and government structures relevant to arts organizations, conduct policy related research and construct persuasive arguments and campaigns in support of the arts. Trends and emerging issues affecting arts and culture are also examined.
Prerequisites: AGAD 100.

AGAD-203 Introduction to Project Management in Arts and Culture
3 Credits Weekly (3-0-0)
In this course, students develop practical strategies for project planning in an arts and cultural environment. Students focus on the roles and responsibilities of a project manager and the components of a comprehensive project plan including identifying the scope of the project, milestones, resources, communication needs, budget and project evaluation.
Prerequisites: AGAD 120.

AGAD-209 Publicity and Media Relations in the Arts
3 Credits Weekly (3-0-0)
In this course, students investigate the importance of publicity and media relations in the arts and cultural sector. Students research, write and edit media tools including media releases, public service announcements, media kits, photo call/op notices and media invitations. They also prepare and plan media strategies including media events, media lists, angles and pitches and develop a publicity campaign with a focus on building relationships with audiences via the media.

AGAD-223 Applied Project Management in Arts and Culture
3 Credits Weekly (3-0-0)
In this course students collaborate with an arts or cultural organization or artist to complete a project of mutual interest. Drawing on the skills developed in previous courses, students review the principles of project management planning, develop a project plan, and where possible execute the plan and evaluate the results.
Prerequisites: AGAD 203

AGAD-225 Performing Arts Management
3 Credits Weekly (3-0-0)
In this course students analyze the complexities of managing live performing arts including facility/operations management, front-of-house management, programming and touring. Students also describe the relationship with unions and associations, risk management strategies, technical terminology used in performance venues and emerging issues and trends in the performing arts.
AGAD-226
Museum/Gallery Management
3 Credits Weekly (3-0-0)
In this course, students examine the functional role of museums, public galleries, commercial galleries and artist-run centres, and their varied organizational structures. Students study issues and trends in collections management and develop mandates, policies and procedures, programming and exhibition plans.

AGAD-227
Managing in the Music Industry
3 Credits Weekly (3-0-0)
In this course students examine the complex role of the artist manager. Studies include an overview of the Canadian music industry, key competencies of the artist manager, contract terms and the legal language of agreements. Students also examine the manager’s role in developing the artist’s career, including recording and touring, and how to establish a career as a competent and ethical manager.

AGAD-230
Independent Study
3 Credits Total (45-0-0)
In this capstone course, students write a major research paper on a topic of interest or complete a comprehensive independent project. Students prepare a project or research proposal early in the term to ensure that the work is of sufficient depth and breadth and then proceed to complete the project plan or research or to write the final paper. 
Prerequisites: AGAD 120

AGAD-231
Field Placement
5 Credits Total (0-0-280)
Students complete a full-time, eight-week supervised workplace learning experience where they will apply and test their arts management skills and knowledge. Students identify, interview and choose from a wide range of potential placements and work in a variety of arts management functions including marketing, fund development, volunteer and/or event management, publicity and general arts administration. 
Prerequisites: AGAD 122.
Co-requisites: AGAD 233.

AGAD-232
Advanced Resource and Audience Development
3 Credits Weekly (3-0-0)
Students apply advanced techniques and strategies related to marketing and fund development in the cultural sector. Working with an organization in the community, students engage in audience research to identify consumer trends and audience preferences and use this information to prepare a comprehensive audience and resource development plan for the organization. 
Prerequisites: AGAD 122.

AGAD-233
Integration Seminar
1 Credit Total (0-0-12)
Students examine and reflect upon workplace learning experiences and upon their challenges and accomplishments. Best practices and arts management principles are revisited in the context of students’ real world field placement assignments. This seminar is concurrent with Field Placement. 
Prerequisites: AGAD 122.
Co-requisites: AGAD 231.

AGAD-300
Practicum in Arts Management
3 Credits Total (0-0-120)
The course provides students with the opportunity to engage in a practicum experience, internally at MacEwan. Students assist with front of house and box office as well as the planning and promotion of MacEwan student and faculty performances and exhibitions or work on the development and administration of other special projects in the Faculty of Fine Arts and Communications. 
Prerequisites: One of AGAD 225, 226, 227

AGAD-305
Elements of Human Linguistics
3 Credits Weekly (3-0-0)
This course provides an introduction to the principle ideas about language and communication, including laboratory exercises. Course content includes the evolution of language, anatomy of language, principles and main categories of linguistic analysis (phonology, syntax, morphology, semantics), linguistic diversity, and cross-linguistic variation.

ANTH-108
Race and Racism in Modern World
3 Credits Weekly (3-0-0)
This course gives an anthropological perspective on how the concept of race has been used to examine biological and cultural variation among humans. Issues and topics include multiculturalism, ethnic identity, prejudice and ethnocentrism, racism, eugenics and the persistence of ethnic identity in the face of globalization. Case studies dealing with race issues in Canada and other countries are used to illustrate these concepts.

ANTH-206
Introduction to Archaeology
3 Credits Weekly (2-1-0)
This course provides a general introduction to the methods, practice and theory of prehistoric archaeology. Topics include the goals and objectives of the discipline, data collection and analysis as well as methods of interpretation. Emphasis is on methods used to reconstruct prehistoric life-ways and explain cultural development rather than a general survey of prehistory. 
Note: This course can be used to fulfill the arts credit requirements of the Bachelor of Arts and the science credit requirement of the Bachelor of Science. 
Prerequisites: A minimum grade of C- in a 100-level course in ANTH or EASC 101.
ANTH-207
Introduction to Social and Cultural Anthropology
3 Credits Weekly (3-0-0)
This course provides an overview of socio-cultural anthropology, which introduces the students to the diversity of human cultures and the concepts and theoretical orientation of the cultural anthropologist. Unity and diversity in human social life are emphasized.
Prerequisites: Minimum grade of C- in a 100-level anthropology course.

ANTH-208
Introduction to Linguistic Anthropology
3 Credits Weekly (3-0-0)
This course focuses on the anthropological study of language and communication. It examines the analytical methods and theory used in linguistic anthropology.
Prerequisites: Minimum grade of C- in a 100-level course in anthropology.

ANTH-209
Biological Anthropology
3 Credits Weekly (2-1-0)
This course introduces students to the sub-discipline of biological anthropology. Students examine the emergence of the human species and the theoretical and methodological frameworks used to understand present-day human biological variation. Topics include basic principles of evolutionary theory, human skeletal biology, comparative primate anatomy and behaviour, and hominid evolution. Note: This course can be used to fulfill the arts credit requirements of the Bachelor of Arts and the science credit requirement of the Bachelor of Science.
Prerequisites: A minimum grade of C- in a 100-level course in ANTH.

ANTH-219
World Prehistory
3 Credits Weekly (3-0-0)
This course surveys the development of societies around the world over the last 3 million years. It begins by introducing the discipline of archaeology and the methods and techniques used to learn about the human past. Cultural sequences from various regions of the Old and New World (eg., Egypt, Mesopotamia, China, Europe, Mesoamerica, the Andes) are examined. Finally, comparisons are made between these cultural sequences to explore such topics as the origins of agriculture, the development of complex societies, human dispersals and colonization, and the long-term effects of climate change and demographic growth.

ANTH-245
Ethnography of Mediterranean Peoples
3 Credits Weekly (3-0-0)
This course investigates anthropologists' contributions to understanding Mediterranean societies and cultures. The concept of a "Mediterranean culture" is critiqued. Through cross-cultural comparison, students investigate the diversity occurring in "Mediterranean" cultures, but also shared and parallel institutions and practices. Relevant historical, geographic, and environmental factors are explored and considered in light of anthropological explanation of circum-Mediterranean cultural institutions, social organization and practices.

ANTH-250
Introduction to Canadian Indigenous Peoples
3 Credits Weekly (3-0-0)
This course introduces Canadian Indigenous Peoples from an anthropological perspective. The course surveys the study of Canadian indigenous cultures through the use of selective ethnographies. Topics covered may include oral traditions, culture areas, politics, economics, family, kinship, religion, and conflict between cultures.

ANTH-261
Peoples and Cultures of Mesoamerica
3 Credits Weekly (3-0-0)
This course is an introduction to the culture area of Mesoamerica. It examines the cultural history of the native peoples of Mesoamerica from the pre-Columbian past to the present and includes studies of contemporary native communities.

ANTH-262
Peoples and Cultures of South America
3 Credits Weekly (3-0-0)
This course is an introduction to the cultural history of the native peoples of South America. It examines the social and culture history of indigenous peoples, surveying local and regional cultural variations.
**ANTH-305**  
**Human Variation and Adaptation**  
*3 Credits*  
Weekly (2-1-0)  
This course examines, from a biocultural perspective, the extraordinary range of human biological variation and explores the evolutionary, adaptive, behavioural, cultural and environmental influences that produce this diversity. The first half of the course examines historical perspectives on human differences and outlines our current understanding of the basic principles of evolutionary biology. The second half of the course examines how these principles have been used to explain such aspects of human variation as body size and shape, skin colour, blood chemistry, and disease. Throughout the course, the interaction of biology and culture are discussed, as well as the veracity of such contentious topics as ‘race’, intelligence, sex differences and genetic disorders. **Note:** This course can be used to fulfill the arts credit requirements of the Bachelor of Arts and the science credit requirement of the Bachelor of Science.  
**Prerequisites:** Minimum grade of C- in ANTH 209.

**ANTH-308**  
**Language, Gender, and Sexuality**  
*3 Credits*  
Weekly (3-0-0)  
This course addresses major themes and approaches to the study of language and gender and of language and sexuality. Students engage in critical examination of how cultural paradigms of gender and sexuality are constructed, expressed, challenged, and transformed through linguistic practice and performance, as well as how language is involved in the construction of social identities and communities. This course considers gender and sexuality in a cross-linguistic and cross-cultural perspective. Students learn to apply sociolinguistic and linguistic anthropological theories to the study of gender, sexuality, and social power.  
**Prerequisites:** A minimum grade of C- in ANTH 208.

**ANTH-318**  
**Political Anthropology**  
*3 Credits*  
Weekly (3-0-0)  
The course examines some of the major theoretical approaches to politics and power which have emerged within Anthropology, or which have influenced anthropological writings. Employing a cross-cultural, comparative perspective, this course shows that, in western society, ‘politics’ describes activities and institutions focused around political parties, government, and the state; within anthropology, however, the term ‘politics’ is linked to the idea of ‘power’, where power is an aspect of a broad range of relationships from the most local to the global. The course addresses issues as diverse as decentralized politics, state formation, and the impact of global power relations on the micro-level of everyday interaction.  
**Prerequisites:** Minimum grade of C- in ANTH 207 or ANTH 208.

**ANTH-320**  
**Archaeology of Gender**  
*3 Credits*  
Weekly (3-0-0)  
This course examines approaches to gender in archaeological research from methodological, theoretical, and historical perspectives. The course focuses on the impact of a "gendered" archaeology against a backdrop of a more general examination of anthropological theories, gender roles, gender ideology and gender politics.  
**Prerequisites:** Minimum grade of C- in ANTH 206 or ANTH 207.

**ANTH-321**  
**Language Endangerment and Revitalization**  
*3 Credits*  
Weekly (3-0-0)  
This course focuses on the social, political, and economic causes and impacts of language loss from a global perspective. Emphasis is placed on Indigenous languages, but minority languages of Europe and Asia are also discussed. Practical strategies for sustaining and revitalizing Indigenous languages are analyzed. Students take an anthropological perspective on the challenges facing endangered language communities and the global and local meanings of linguistic diversity.  
**Prerequisites:** Minimum grade of C- in ANTH 208.

**ANTH-324**  
**Economic Anthropology**  
*3 Credits*  
Weekly (3-0-0)  
This course provides a comprehensive overview of the key theoretical approaches and research in economic anthropology. Employing a cross-cultural, comparative perspective, this course investigates anthropologists’ studies of exchange behaviour as social, political and economic phenomena. The course is designed not only to broaden understanding of exchange in other societies, but to provide the comparative data necessary to evaluate our own forms of exchange and measures of economic well-being. Particular emphasis is placed upon a critical examination of the typologies created and employed by economic anthropologists.  
**Prerequisites:** Minimum grade of C- in ANTH 207.

**ANTH-332**  
**Anthropology of Science**  
*3 Credits*  
Weekly (3-0-0)  
This course investigates science as a cultural and historical product. Employing the anthropological perspective, this course investigates anthropologists’ studies of science and epistemologies of science; how science is part of an ideological, social, economic and political environment. The course is designed not only to broaden understanding of science in other societies, but to provide the comparative data necessary to evaluate western understanding.  
**Prerequisites:** Minimum grade of C- in one of the following: ANTH 206, ANTH 207 or ANTH 208.

**ANTH-340**  
**Canadian Indigenous Issues**  
*3 Credits*  
Weekly (3-0-0)  
This course employs an anthropological approach to analyze issues facing Canadian Indigenous Peoples today. Cultural theories for the analysis of patterns, processes and trends are examined. Specific topics include Indigenous Peoples and Canadian politics, economics, education, religion, health, law and the arts.  
**Prerequisites:** Minimum grade of C- in ANTH 207 or ANTH 250.
ANTH-370
The Anthropology of Space and Place
3 Credits Weekly (3-0-0)
Much of anthropological data is based on notions of space and place. Archaeologists invest much of their time in detailing location and arrangement of built form and material culture. This course examines the theoretical and methodological approaches to landscape, space, and place in anthropology and archaeology. Topics may include the conceptualization of space, place, and landscape in anthropological and archaeological research and writing, the changing nature of concepts of landscape, and space and place as analytical frameworks for understanding past, present, and future societies and cultures. We consider three related dimensions of human spatial practice over time and space/place: experience, perception, and imagination.
Prerequisites: Minimum grade of C- in ANTH 206 or ANTH 207 or ANTH 208.

ANTH-375
Zooarchaeology
3 Credits Weekly (1-2-0)
This course is an introduction to the study of animal remains from archaeological contexts. Topics discussed include the reconstruction of environment and season of site occupation, the economic uses of animals and evidence of animal domestication, and the procedures for analyzing faunal remains and challenges in their interpretation. Note: This course can be used to fulfill the arts credit requirements of the Bachelor of Arts and the science credit requirement of the Bachelor of Science.
Prerequisites: Minimum grade of C- in ANTH 206 and ANTH 209.

ANTH-385
Archaeology of the Americas
3 Credits Weekly (3-0-0)
This course provides a survey of select prehistoric cultures of North, Central and South America. Topics to be discussed include the peopling of the Americas, rise of pre-Columbian civilizations and the variety of cultural adaptations in the Americas.
Prerequisites: Minimum grade of C- in ANTH 206.

ANTH-388
Artifact Analysis
3 Credits Weekly (1-2-0)
This course covers a variety of methods for analysing and interpreting items of material culture commonly recovered from archaeological contexts. Particular emphasis is placed upon understanding the technologies used to manufacture prehistoric and historic artifacts and the methods used to analyse their functions and stylistic attributes. Lab work includes exercises in qualitative and quantitative description and classification, and experiments in tool use and manufacture. Note: This course can be used to fulfill the arts credit requirements of the Bachelor of Arts and the science credit requirement of the Bachelor of Science.
Prerequisites: A minimum grade of C- in ANTH 206.

ANTH-390
Human Osteology
3 Credits Weekly (1-2-0)
A hands-on laboratory course that offers a comprehensive study of the human skeleton, both as a dynamic, living system and as a source of information for reconstructing past human lives. During the first part of the course we cover basic skeletal biology and students learn to identify and side every human bone, a large number of fragmentary bones, and all of the major morphological features on each bone. During the second part of the course, we explore the methods used to recover human skeletal remains from archaeological and forensic contexts, and students learn to apply techniques for reconstructing past lives from skeletal remains including health and disease, biological relatedness, physical activity patterns, and estimates of age, sex and stature. Throughout the course we discuss the ethics of dealing with human remains. Note: This course can be used to fulfill the arts credit requirements of the Bachelor of Arts and the science credit requirement of the Bachelor of Science.
Prerequisites: Minimum grade of C- in ANTH 209.

ANTH-393
Cross-Cultural Perspectives on Health and Healing
3 Credits Weekly (3-0-0)
This course provides an introduction to the sub-field of Medical Anthropology. Beginning with an overview of central concepts and theoretical perspectives of medical anthropology, this course addresses the different ways in which health and illness are constructed cross-culturally, the roles of healers in different societies, and the political economy and social determinants of health and illness.
Prerequisites: Minimum grade of C- in a 100-level anthropology course.

ANTH-394
Ethnographic Research Methods
3 Credits Weekly (3-0-0)
This course concentrates on the perspectives, qualitative methods, and research strategies employed by ethnographers. Special emphasis is placed on techniques of major ethnographic research traditions, methods of data collection, analysis of narrative or textual data, ethical issues in research and presentation of research results. Grant writing and the use of such tools as computer software, film and other recording devices in ethnographic research are also explored. Note: The consent of the Department is required for Non-Anthropology majors.
Prerequisites: Minimum grade of C- in one of the following: ANTH 207 or ANTH 208.

ANTH-395
Archaeological Method Issues
3 Credits Weekly (3-0-0)
As a survey of theory and practices currently used in archaeology, students study the concepts and models used for interpreting archaeological data as well as the evaluation of ethical issues regarding archaeological investigations and remains.
Prerequisites: Minimum grade of C- in ANTH 206.

ANTH-396
Archaeological Field Training
6 Credits Total (0-0-90)
This course provides students with an introduction to archaeological field work. Students experience all practical archaeological field techniques, including survey, excavation, laboratory analysis, cataloguing artifacts and conservation.
Prerequisites: Minimum grade of C- in ANTH 206 and consent of the department.
ANTH-397
Ethnographic Field School
6 Credits Total (0-0-90)
Anthropology is a broadly-based approach to understanding the human experience. Ethnographic methods approach this experience primarily, but not exclusively, through observation and participation in daily activities of communities. This course combines seminars with ethnographic research. Over the course of the field school, students learn the steps involved in designing and executing an ethnographic research project. They are trained in the central methods of ethnographic research and analysis. Where appropriate, allied field methods may be introduced. Note: ANTH 394 is recommended. Please note that acceptance into the field school is competitive and subject to an application process which includes a panel interview. Upon preliminary selection, all students have to attend a mandatory 15-hour pre-departure seminar and write a report. The seminar is graded as a component of the final grade.
Prerequisites: Minimum grade of C- in ANTH 207 or ANTH 208 and consent of the department.

ANTH-399
Ecological Perspectives in Anthropology
3 Credits Weekly (3-0-0)
This course considers the question of human relationships to the environment as mediated through culture. To what extent and in what ways can we consider "nature" or "the environment" as sociocultural constructions? Alternatively, to what extent and in what ways are cultures shaped by natural environments? Interdisciplinary in nature, this course brings together concerns about the production and use of knowledge regarding human social and cultural behavior in specific environmental contexts.
Prerequisites: Minimum grade of C- in one of the following: ANTH 206 or ANTH 207, ANTH 208 or ANTH 209.

ANTH-410
Humans, Climate and Culture
3 Credits Weekly (0-0-3)
This course examines the role of climate in our species’ evolutionary history and conversely, human influence upon climate. Theories about the role of climate in shaping social organization and social "complexity" are addressed in light of evidence from the prehistoric record. The prehistoric and historic record of human responses to and influences upon climate will further be examined through regional and local case studies. The course concludes with a review of sociocultural institutions and practices as they relate to climate; cultural perceptions of weather and climate; cultural responses to climate change; and finally, the consequences to cultures of climate change.
Prerequisites: Minimum grade of C- in one of the following: ANTH 206 or ANTH 207, or ANTH 209 or EASC 208.

ANTH-411
Environmental Archaeology
3 Credits Weekly (0-0-3)
This course provides an overview of the techniques used in the analysis of past environments and the human interactions in these environments. Theories and methods are presented for reconstructing ancient ecosystems and assessing human transformation of these ecosystems. Case studies are used as examples.
Prerequisites: Minimum grade of C- in ANTH 206.

ANTH-415
Anthropological Theory
3 Credits Weekly (0-0-3)
This course is an overview of key trends and paradigms in anthropological theory, from classical to contemporary approaches. Using a topical or thematic approach we consider the contributions of a number of anthropological theorists. Through the application of theoretical perspectives to case studies and ethnographies, the distinctive and mutual relationship between theory, method, and ethnographic data in anthropology is emphasized.
Prerequisites: Minimum grade of C- in ANTH 207 or ANTH 208 and any 300-level anthropology course.

ANTH-420
Culture and Globalization
3 Credits Weekly (0-0-3)
Transnational movement of money, media images, information, and people have spawned intense debates about the global impact of commodities, ideas, and capital on cultural and biological diversity. This course provides an anthropological consideration of globalization and its relationship to culture, modernity, tradition, diaspora, nationalism, race, class, and gender. In particular, we track the movements and reconfigurations of capitalism, commodities, communication, and people by focusing on ethnographic analyses of such circuits.
Prerequisites: Minimum grade of C- in ANTH 207 or ANTH 208 and a 300-level anthropology course.

ANTH-421
Language and Power
3 Credits Weekly (0-0-3)
While language indexes the power relationships within a society and naturalizes them, it is also critical in the formation of social groups and struggle for power and prestige. In analyzing uses of language in a wide range of social and political contexts, the course addresses issues which include the ways language, power, hegemony and political struggle are related; the effects of nationalism on language; the role of language as a means of creating social organization and hierarchy; the relationship between minority and majority languages and cultures; and the role of the media, popular culture and literacy in contemporary linguistic and social relations.
Prerequisites: Minimum grade of C- in ANTH 208 and in one 300-level anthropology course.

ANTH-440
The Anthropology of Colonial Encounters
3 Credits Weekly (0-0-3)
This course examines the process of European contact and colonial expansion in the Americas and its long-term consequences from an anthropological perspective. Themes of the course include the historical motives involved in colonialism on the part of European and Indigenous peoples, the political and ecological effects upon cultures, and the role of colonialism in shaping the discipline of anthropology.
Prerequisites: Minimum grade of C- in one of ANTH 206 or ANTH 207 and one of ANTH 246, ANTH 250, ANTH 261 or ANTH 262.
ANTH-481
Archaeological Theory History
3 Credits Weekly (0-0-3)
This course provides in-depth analysis of the evolution of archaeological theory from early antiquarianism to current ideas and practices.
Prerequisites: Minimum grade of C- in either ANTH 206 or ANTH 209 and a 300-level Anthropology course.

ANTH-486
Archaeology of Death
3 Credits Weekly (0-0-3)
This course considers the role of mortuary evidence in facilitating understanding of past cultures. By examining numerous case studies, the course draws on a variety of anthropological and archaeological frameworks to explore how people treat their dead and what this can tell us about both the dead and the living.
Prerequisites: Minimum grade of C- in ANTH 206 or ANTH 209 and a 300-level anthropology course.

ANTH-490
Honours Proposal
3 Credits Total (0-0-45)
The Honours Proposal course provides students the opportunity to initiate a research project designed to advance knowledge in an area of specialization within Anthropology. Under the direction of a faculty member, students develop a research proposal that guides the direction of their research project, theory and methods. Note: This course is restricted to and required of students in the first year of the Honours Anthropology program.
Prerequisites: Minimum grade of B- in ANTH 394 or ANTH 395 and registration in the Honours Program.

ANTH-495
Anthropology Field Placement
3 Credits Total (0-0-90)
In this course, the students are assigned to a public, private, or non-profit organization where they apply their knowledge and skills in research or other practical aspects of a project. Note: This course does not fulfill the 400-level requirement for the major and minor. Acceptance into the field placement is competitive and subject to an application process which includes an interview.
Prerequisites: Minimum grade of C- in 6 credits of 300-level Anthropology and consent of the department.

ANTH-497
Topics in Anthropology
3 Credits Weekly (0-0-3)
This is a seminar course for students interested in advanced study of specialized areas of anthropology. This course is devoted to the detailed study of a single theme - particularly themes of contemporary relevance or debate - and it rotates among the subfields in Anthropology.
Prerequisites: Minimum grade of C- in one of ANTH 206, ANTH 207, ANTH 208, or ANTH 209 and a minimum grade of C- in any 300-level anthropology course.

ANTH-498
Individual Study
3 Credits Total (0-0-45)
This individual study course provides senior students with an opportunity to explore a research topic in greater detail than is otherwise possible at the undergraduate level. The student works in consultation with and under the supervision of a member of the department with the requisite expertise. An individual study course includes directed reading and library research, and/or field or laboratory research followed by a public presentation of that research. Students may opt to execute research proposed through a prior independent study course and prepare a research paper to publication standards.
Prerequisites: Consent of the department.

ANTH-499A
Honours Thesis I
3 Credits Total (0-0-45)
Under the direction of a faculty member, students conduct an research project culminating in the Honours Thesis and formal presentation of research findings.
Note: This course is restricted to and required of students in the Honours Anthropology program. Students complete both ANTH 499A and 499B in consecutive terms to attain credit for this course.
Prerequisites: Registration in the Honours Program and consent of the department.

ANTH-499B
Honours Thesis II
3 Credits Total (0-0-45)
Under the direction of a faculty member, students conduct a research project culminating in the Honours Thesis and formal presentation of research findings.
Note: This course is restricted to and required of students in the Honours Anthropology program. Students complete both ANTH 499A and 499B in consecutive terms to attain credit for this course.
Prerequisites: Registration in the Honours Program and consent of the department.

ARTE-101
Art History I
3 Credits Weekly (3-0-0)
This course provides an introduction to the history of Western art and architecture from the prehistoric period to the end of the Early Renaissance. Relevant art historical methodologies are introduced, and selected works are examined within the framework of a contextual and formal analysis.

ARTE-102
Art History II
3 Credits Weekly (3-0-0)
This course provides an introduction to the history of Western art and architecture from the Renaissance to the mid-nineteenth century. Relevant art historical methodologies are introduced, and selected works are examined within the framework of a contextual and formal analysis.

ARTE-104
Five Centuries of Art and Visual Culture: From Renaissance to the 19th Century
3 Credits Weekly (3-0-0)
This course is an introduction to the history of art and visual culture of Western Europe from the fifteenth century to the mid-nineteenth century. The course will cover this topic primarily in a linear historical fashion, but with room for thematic discussions. Therefore, a selection of works that are relevant to major historical themes will be explored.
ARTE-106
Digital Foundations
3 Credits  Weekly (1-3-0)
This course introduces the concepts, vocabulary, histories and processes that are key to digital art practice, including but not limited to: lens-based digital image practice and fundamentals of code-based, electronic, and/or networked art. Students will gain knowledge and experience in digital processes through a lab component and projects that explore the creative possibilities of working in the digital environment. The course is studio-based with lectures.
Prerequisites: Minimum grade of C- in ARTE 111.

ARTE-107
Three-Dimensional Foundations
3 Credits  Weekly (1-3-0)
This studio-based course introduces the principles, vocabulary and concepts of three-dimensional space-based art. Students work with traditional and contemporary materials and technical processes that are relevant to sculpture, installation and other creative forms, including constructed and reductive forms, and repetitive or distributive processes. A critical vocabulary for discussing spatial forms is developed through project discussion and critiques. A technician conducted safety workshop for use of the woodshop area, hand tools, and standing machines is a mandatory course component.

ARTE-110
Foundation Drawing
3 Credits  Weekly (2-4-0)
This course introduces the visual elements, methodologies and principles of drawing. Students learn to work with traditional mediums and various papers. The principles of perspective, tonality and line dynamics are studied in-depth.

ARTE-111
2D Foundation: Theory and Structure
3 Credits  Weekly (2-4-0)
This course provides a comprehensive introduction to the theories, elements and vocabulary of the visual language. Students work with two-dimensional form to study the structures and principles of composition, illusionistic space, visual dynamics and colour theory. The critique practice is introduced. Development of problem solving and crafting skills, communication skills and productive work habits are emphasized.

ARTE-119
Introduction to Creative Research
3 Credits  Weekly (2-2-0)
This course introduces modes of research that are fundamental to contemporary studio-based art, including but not limited to: material research, historical practices and research for innovation. Students develop two-dimensional or three-dimensional studio projects that generate from research models. Visits to specific exhibitions and artist studios may be required. The course is studio-based with lectures.
Prerequisites: Minimum grade of C- in ARTE 110 and ARTE 111.

ARTE-120
Observational Drawing
3 Credits  Weekly (2-4-0)
Students commence the in-depth study of observational drawing by applying knowledge and skills developed in Foundation Drawing. Subjects include still-life, portrait, and figure, and may include architecture, plant or animal form.
Prerequisites: Minimum grade of C- in ARTE 110.

ARTE-121
Design II
4 Credits  Weekly (2-4-0)
This course provides an in-depth study of the visual language. Working primarily with paint on board, assignments are designed to stimulate analytical and creative thinking. Problem solving skills and productive work habits are emphasized. Attendance at visiting artist lectures and art exhibitions outside of scheduled class hours may be required.
Prerequisites: Minimum grade of C- in ARTE 111.

ARTE-123
Sculpture I
3 Credits  Weekly (1-3-0)
This is an introductory 3D studio-based course on the concepts, materials and techniques of traditional and contemporary sculpture. Students study various forms of 3-dimensional artwork that may include abstraction, the figure, mixed media and installation/new genres.
ARTE-206
Intermedia: Digital Art
3 Credits Weekly (2-4-0)
In this studio course, students expand on knowledge gained in Digital Foundations to explore concepts and processes relevant to contemporary Digital and Intermedia Art. Projects may include, but are not limited to any of the following as they focus on this ever-changing discipline: screen- or time-based media, networked art, interactive art, low-tech electronic digital practice, locative or mobile practices. Students will build a vocabulary for discourse and practice through readings, discussions, presentations, and critiques, and will be expected to attend some lectures, art exhibitions, or online events outside of scheduled class hours.
Prerequisites: Minimum grade of C- in ARTE 106.

ARTE-207
3D Spatial Practice
3 Credits Weekly (2-4-0)
This studio course introduces creative concepts and practices relevant to spatial practice in contemporary sculpture, installation and related art forms such as performance, artists’ walks, relational practice or transitory outdoor projects. Students work on projects that consider what space and environment means in contemporary three-dimensional art, including questions and approaches around the object, installation, action, intervention and audience. Art work takes place in, and beyond, the studio, requiring students to attend outside exhibitions and install or present works outside the campus studio.
Prerequisites: Minimum C- in ARTE 107

ARTE-208
Introduction to Professional Practice
3 Credits Weekly (0-0-3)
Students examine professional issues and responsibilities that artists encounter in a contemporary art practice. In a seminar forum, with gallery and studio visits and presentations from practicing professionals and students, students explore the various methods employed to develop and sustain a professional studio practice. Exhibition practices, art-writing, team and community collaboration and dissemination strategies are the focus of this course.
Prerequisites: Minimum grade of C- in ARTE 230

ARTE-214
History of Photography
3 Credits Weekly (3-0-0)
This course surveys the technological, social and cultural histories of photography from its origins in the early 19th-century to the 21st-century. Students consider the impact of photography on a variety of fields, including portraiture, science, colonial exploration, anthropology, sociology, criminology, journalism and the fine arts. While familiarizing students with influential photographers and iconic photographs of the 19th-, 20th- and 21st-centuries, this course also introduces students to the scholarly discourse around historical and current uses of photographic images.

ARTE-215
Painting II
3 Credits Weekly (2-4-0)
Students further develop aesthetic and technical painting processes as they undertake studio projects using materials, concepts and methodologies of contemporary painting. Studio work includes exploration in painting practice and critical research, and extended discussion and group critiques. Students are also required to attend some off-site lectures and art exhibitions outside of scheduled class hours.
Prerequisites: Minimum grade of C- in ARTE 205.

ARTE-216
Intermedia II: Emerging Forms
3 Credits Weekly (2-4-0)
This studio course expands on the critical and contemporary approaches to intermedia and digital art practice explored in ARTE 206. Projects take place in or beyond the studio, and collaboration in or across discipline is strongly encouraged. Students engage in reading discussions and presentations on related themes, and are expected to attend some lectures, art exhibitions, and events in real or online spaces outside of scheduled class locations and hours.
Prerequisites: ARTE 206.

ARTE-219
Concepts and Practice
3 Credits Weekly (2-2-0)
In this studio course, students generate artwork through independent research, from a choice of subjects and concepts. These self-directed projects progress from conceptual and material development to final presentation and critical discussion. Projects may include writing assignments, supplementary readings, visits to galleries and attendance at visiting artist lectures.
Prerequisites: Minimum grade of C- in ARTE 119

ARTE-224
The Visual Culture of Modernity: Fin-de-siècle to Mid-Twentieth Century
3 Credits Weekly (3-0-0)
This course is an exploration of art and visual culture in the Modernist Era up to the mid-twentieth century. Beginning with representations of nineteenth-century urban life and newly modern ways of viewing the world, students will learn about the major modernist philosophies, art movements, and architectural influences. The chaos and destruction of both World Wars as related to various forms of cultural production will also be studied.
Prerequisites: ARTE 104.

ARTE-230
Introduction to Contemporary Drawing
3 Credits Weekly (2-4-0)
In this studio course students investigate materials, methodologies and forms prevalent in contemporary drawing practices. Written assignments, visits to galleries and attendance at artist lectures may be required.
Prerequisites: Minimum grade of C- in ARTE 120.

ARTE-234
Art and Visual Culture II: Modernism and Postmodernism
3 Credits Weekly (3-0-0)
Lecture survey course on history of global art and visual culture from 1950 to contemporary practice of the 2000s, focusing primarily on western culture but including major world regions. Emphasis is placed on historical, social, and interpretive issues relevant to the critical analysis of artistic production and meaning.
Prerequisites: ARTE 224
ARTE-240
Drawing IV
4 Credits  Weekly (2-3-0)
Drawing IV continues with the study of the concepts examined in Drawing III; however, emphasis is on the development of personal concepts and the exploration of innovative mediums and methods. Students may be required to attend visiting artist lectures and art exhibitions outside of scheduled class hours.
Prerequisites: Minimum grade of C- in ARTE 230.

ARTE-259
Special Topics in Art
3 Credits  Weekly (2-4-0)
This course provides an in-depth study of a specific subject area or theme within Fine Art. The topic for the course varies term to term and topics are posted in the department and on the department website prior to registration. Specific prerequisites for each topic are also posted, and students are advised to check the descriptions prior to requesting permission from the Chair.

ARTE-314
Thinking Photography
3 Credits  Weekly (3-0-0)
To ‘think photography’ is to consider how photographs convey meaning and influence social and cultural practices. In this course, students debate photographic theory about the nature and function of photographic images. Also, students examine a range of photographic practices, both current and historical, and discuss documentary photography, photojournalism, advertising, scientific photography, sociological and anthropological uses of photography, art photography and personal photography.

ASTR-120
The Astronomy of the Solar System
3 Credits  Weekly (3-0-0)
Students examine the origin, evolution and nature of our solar system. The methods of astronomy and space science are discussed in terms of basic physical and mathematical principles, including the laws of gravity and orbital motion. Students become acquainted with the search for extrasolar planets and extraterrestrial life. Telescopes and other tools of astronomy are described, and students are given the opportunity to gain observing experience through simple observing exercises using telescopes.
Prerequisites: Mathematics 30-1 or Mathematics 30-2.

ASTR-122
The Astronomy of Stars and Galaxies
3 Credits  Weekly (3-0-0)
Students examine the origin, evolution and nature of stars, galaxies and the universe as a whole. The methods of astronomy are discussed based on simple physical and mathematical principles related to the nature of gravity and light, including parallax, the inverse square law, Stefan-Boltzmann law, Doppler shift, and the laws of Newton and Kepler. Students study the big bang theory and structure and formation of the universe. Students are given the opportunity to gain observing experience through simple observing exercises using telescopes.
Prerequisites: Mathematics 30-1 or Mathematics 30-2.

BCSC-100
Grammar and Composition Foundations
3 Credits  Weekly (3-0-0)
In this course, students learn how to write with clarity and precision, and to communicate successfully with a variety of audiences. Building on an understanding of traditional grammar, students examine the relationship between language structures and the expression of an author’s intentions. By studying various writers and genres, students learn to identify and manipulate sentence elements to produce clarity, drama, power and other rhetorical effects. They also consider how media, technology and culture are influencing language and writing in general and grammar in particular.

BCSC-101
Communication and Human Interaction
3 Credits  Weekly (3-0-0)
This course introduces students to basic concepts and principles of human communication and interaction. It includes an examination of processes of communication in three common communication settings: interpersonal relationships, group gatherings and public gatherings. Other topics to be covered include nonverbal communication, listening, and public speaking.

BCSC-102
Introduction to Visual Communication
3 Credits  Weekly (3-0-0)
In this course, students communicate using visuals. Evaluating historical and contemporary examples of visual communication, students assess the meaning and impact of visual design. Students identify elements of visual communication design and evaluate their effect on message creation and interpretation. They develop skill in the basic functions of key digital applications widely used today for creating and combining text, photos and graphics files. Students leave the course with the knowledge and digital skills needed to start collaborating on communication projects.

BCSC-200
Communication Theory
3 Credits  Weekly (3-0-0)
Students survey major theoretical perspectives and contemporary research in communication. The course examines historical and current political, social and economic contexts in the study of communication, including the contributions of Canadian thinkers. Theory is demystified, and students develop an appreciation of the intellectual traditions in communication research through the study of key concepts, models and issues.
**BCSC-201 Foundations of Journalism**

3 Credits  Weekly (3-0-0)

This course introduces students to Canadian news media through the historical development of the craft, business practices and technological elements of journalism. It also introduces students to professional and business practices of the field from the earliest news sheets to the modern international online news services, and explores key concepts and issues facing the craft and the business of journalism today.

**BCSC-202 Online Communication**

3 Credits  Weekly (3-0-0)

Online publication is changing the way journalists and communicators engage their audiences. From self-publication tools to social media, students examine and experience how communications professionals use various forms of online publication to achieve a wide variety of goals. The course connects traditional mass media to the practices and issues of emerging technologies and tools. Students are introduced to information architecture through user behaviours and site features.

*Prerequisites:* A minimum grade of C- in BCSC 102.

**BCSC-203 Introduction to Research Methods**

3 Credits  Weekly (3-0-0)

This course introduces quantitative and qualitative research methods including empirical research, ethnography, narrative analysis, phenomenology, and grounded theory within the context of communication research questions. Specifically, students learn to evaluate secondary sources, gather accurate and meaningful information from primary sources through methods such as surveys, and examine the concepts of reliability, validity, generalizability, and professional ethics. In a collaborative project, they interpret and report the data they gathered from primary sources.

*Prerequisites:* A minimum grade of C- in ENGL 102

**BCSC-204 Foundations in Sustainability Communication**

3 Credits  Weekly (3-0-0)

In the spirit of our namesake, Dr. J.W. Grant MacEwan, and our university’s focus on sustainability, this course introduces fundamental concepts in human communication about our natural environments in the face of rising ecological, social and economic threats to the sustainability of the Earth’s ecosystems, all life on it and the societies we have created. Students will explore how human communication constructs the environment and our relationships to it, and apply strategies appropriate to creating and disseminating messages about sustainability. They will study and apply ethical considerations in sustainability communication, including the role of advocacy in scholarship and practice. Also, students will provide critical evaluations of sustainability messages in diverse fields, while building a foundation to create their own sustainability communications.

*Prerequisites:* BCSC 101 or SUST 201.

**BCSC-205 Introduction to News Reporting**

3 Credits  Weekly (3-0-0)

This course introduces the practice of news reporting and the principles of writing a news story. Students focus on the reporter’s core skills and abilities: story development and research, the interview, verifying facts, handling quotations and writing for publication in the variety of contemporary news media. The standards of accuracy, fairness, balance and journalistic responsibility are emphasized. Discussions include the role of the journalist as a purveyor of news and an arbiter of social issues, and the rapidly changing face of the news business.

*Prerequisites:* A minimum grade of C- in BCSC 100.

**BCSC-211 News Production Process**

3 Credits  Weekly (3-0-0)

This course examines the aesthetics and design principles of news production for both print, online and other publications. A central focus throughout the course is the ways in which new technologies are transforming news reporting and publishing and the opportunities and challenges arising from these new technologies. Working in a hands-on learning environment, students prepare stories for publication in a number of mediums, paying particular attention to how a story changes as it migrates to different platforms. The impact of clear writing, effective visual and multimedia elements will also be explored.

*Prerequisites:* A minimum grade of C- in BCSC 102 and BCSC 210.

**BCSC-215 Applied Communications**

3 Credits  Weekly (3-0-0)

In this course, students learn to use the tools and resources necessary to copyedit and proofread according to prescribed professional standards. Students learn to distinguish proofreading from copyediting, increase the speed and accuracy of their editing, and select and follow a style guide for a particular project. They also examine some of the larger issues in editing: authorial intention versus editorial responsibility, in-house versus freelance employment, copyright, professional conduct and ethics, and the importance of deadlines in the publishing process.

*Prerequisites:* A minimum grade of C- in BCSC 100.
BCSC 223
Introduction to Screenwriting
3 Credits Weekly (3-0-0)
Students are introduced to writing for film, television and video productions. Screenwriting genres are examined and students work with essential elements of a screenplay such as theme, character, story structure, dramatic objectives, conflict and resolution, scene creation and sequencing, the relationship between audio and video elements, and screenplay formatting. Each student presents a key concept in screenwriting and script analysis, and students exchange feedback in a workshop simulation of the working environment of a story department in a production studio.
Prerequisites: Minimum grade of C- in BCSC 100.

BCSC 241
Introduction to Technical Communication
3 Credits Weekly (3-0-0)
This course introduces students to the many professional contexts in which technical communicators practise. By considering various elements of technical communication and communication theory, students learn and practise adapting specialized information for global audiences, and expert and non-expert audiences. Students also examine professional ethics required of technical communicators and the potential consequences of unethical practice.
Prerequisites: A minimum grade of C- in BCSC 100.

BCSC 253
Classical and Modern Rhetoric
3 Credits Weekly (3-0-0)
Students use tools of persuasion to build arguments on a variety of topics. They learn to construct written arguments and arrange those arguments in effective and appropriate patterns. Looking at persuasive techniques going back to the Ancient Greeks, students search for and evaluate similar strategies in contemporary texts. By the end of this course, they understand the ethical, aesthetic and political dimensions of persuasion.
Prerequisites: Minimum grade of C- in BCSC 100.

BCSC 260
Substantive and Structural Editing
3 Credits Weekly (3-0-0)
In this course, students examine the objectives and techniques of stylistic, substantive, and structural editing by working through large, complex projects. Throughout the course, students engage with editorial and rhetorical theory, refining their editorial skills and applying independent critical analysis to scenarios involving print and online publishing.
Prerequisites: A minimum grade of C- in BCSC 215 or PROW 135.

BCSC 282
Short Written Forms
3 Credits Weekly (3-0-0)
In this course, students expand their creativity and problem-solving skills to address writing and editing contexts requiring tightly written prose. They study the history and context of short forms and develop potent samples, relying on scholarship and accurate and effective audience analysis, diction, structure, tone and form. Students learn to produce tight, effective prose that communicates in few words with great power.
Prerequisites: Minimum grade of C- in BCSC 100.

BCSC 301
Communication Law
3 Credits Weekly (3-0-0)
Contemporary law and communication technologies have significantly affected how information gets to the public: how information is produced, paid for, presented and circulated. In this course, students examine the influence of media convergence on communication law and the effects of public policy on the development and use of technology and media. Although modern communication has no borders, this course emphasizes Canadian laws within a global context.
Prerequisites: A minimum grade of C- in BCSC 200.
BCSC-302
Multimedia Authoring
3 Credits     Weekly (3-0-0)
In today’s rapidly changing media convergence environment, professional communicators are increasingly required to author texts in multiple forms for multiple audiences. Building on BCSC 202, this course emphasizes the authoring of texts for a variety of formats, audiences, channels, and purposes. Projects include work with visual, audio, and verbal content, drawing on communications fundamentals applied effectively and ethically across a global, multi-channel environment.
Prerequisites: Minimum grade of C- in BCSC 202.

BCSC-306
Ethical Practice and Portfolio
3 Credits     Weekly (3-0-0)
This course examines common ethical and practical considerations as students prepare to enter the workplace. Students reflect on the knowledge and skills they have gained in their classroom study and explore their readiness to work. They then apply their skills and interests to identify employment opportunities and develop employment materials. The ultimate goal of the course is to develop a portfolio to present to internship employers.
Prerequisites: A minimum grade of C- in BCSC 301.

BCSC-310
Strategic Communication Planning
3 Credits     Weekly (3-0-0)
In this course, students gain critical information, insights and skills in strategic communication research and planning. They learn to apply research and planning skills in solving communication issues or problems. They also learn how to apply S.O.P. (analyzing situation, organization, and the public) as part of the strategic communication planning process. Students gain practical experience in developing and crafting key messages as well as producing formal strategic communication plans that are vital to advancing organizational and institutional interests and goals.
Prerequisites: Minimum grade of C- in BCSC 216.

BCSC-311
Online Journalism
3 Credits     Weekly (3-0-0)
This course examines the production of knowledge within the field of online journalism. It builds on students’ experience of creating online news in other courses and compares it with the challenges and realities of professional journalists around the world. Students examine the production processes in newsrooms and the evolving impact of technological developments on those processes such as verification of fact and inclusion of user-generated content. They examine the ideals and values of journalism and contrast them with actual journalistic practices, questioning whether those practices reinforce dominant cultural/social/political/economic influence.
Prerequisites: Minimum grade of C- in BCSC 210 and BCSC 211.

BCSC-312
Multimedia News Production
3 Credits     Weekly (3-0-0)
This course introduces students to the best practices and principles of multimedia news production. Students create interactive stories and engaging online news features under deadline and working in a convergent newsroom environment. They analyze online readership behaviours to design user-friendly multimedia news products. They also manage and deploy user-generated content.
Prerequisites: Minimum grade of C- in BCSC 311.

BCSC-313
Intermediate News Reporting
3 Credits     Weekly (3-0-0)
Building on the fundamentals of news reporting, this course emphasizes thorough research, effective interviewing, and clear, concise writing as the foundation of good news production. Students confront increasingly challenging story assignments as they take their ideas from pitch to production for online or print media. The course will also emphasize new ways of multimedia storytelling and community engagement, using social media such as Twitter, Facebook and blogging. Journalistic ethical standards are examined in complex, real-world case studies.
Prerequisites: Minimum grade of C- in BCSC 210

BCSC-320
Canadian Press and Society
3 Credits     Weekly (3-0-0)
This course focuses on the evolution and current state of media and journalism in Canada. Students explore how newspapers, magazines, radio and television developed. They also evaluate and analyze the influence of digitization and new media on journalism. The symbiotic relationship between media and society is analyzed as students examine themes such as investigative journalism, women and the media, First Peoples media, the influence of advertising and ‘infotainment’.
Prerequisites: A minimum grade of C- in BCSC 200.

BCSC-322
Interviewing Techniques
3 Credits     Weekly (3-0-0)
In this course, students hone their interviewing skills and gain self-confidence through assignments of increasing complexity. Of central import is to instill in the student a sense of professionalism and proper interview etiquette. Topics include pre-interview planning and research, types of interviews, interview principles and techniques, choosing and attributing sources, and producing interviews for multimedia platforms. Legal and ethical responsibilities of a journalist are also covered.
Prerequisites: BCSC 210.

BCSC-323
Photojournalism
3 Credits     Weekly (3-0-0)
Journalism includes the special talents of photojournalism, telling the news story through compelling and meaning-filled images. This course focuses on the photojournalist’s research into and interpretation of the news story, planning and taking of photographs. On completion of this course, students are able to engage a reader and arouse emotion as they combine the reporter’s skill and photographic technique with creative effort to report the news through a journalistic lens.
Prerequisites: BCSC 210.
COURSE DESCRIPTIONS

BCSC-324
Arts and Culture Reporting
3 Credits Weekly (3-o-0)
Students prepare to be analysts of arts and culture presentations and focus on constructing authoritative and fair evaluative judgements. Students continue to deepen their journalistic competencies, including research methods, interview skills, and narrative writing. During this course, students are encouraged to expand their knowledge of and areas of interests in the arts and culture.
Prerequisites: Minimum grade of C- in BCSC 210.

BCSC-325
Radio News and Documentaries
3 Credits Weekly (3-o-0)
This course explores narrative construction in a variety of radio story formats in news and current affairs, including documentary. Students examine sound theory, paying close attention to how sound constructs meaning for the listening audience. They develop competencies in professional and technical skills unique to the medium, including radio interviewing skills, broadcast writing conventions, audio recording and editing, voice delivery, news and radio show lineup, and podcasting practices.
Prerequisites: Minimum grade of C- in BCSC 210.

BCSC-326
Rhetoric of Popular Culture
3 Credits Weekly (3-o-0)
Students critique popular culture as a form of rhetoric, deconstructing its arguments and their social and commercial effects. They apply rhetorical theory in major pop culture contexts and investigate the effects of current media and communications convergence on the forms and content of popular culture.
The course contrasts pop culture derived from mainstream and alternative media, and examines hierarchies of cultural forms, assessing the significant of "high" and "low" culture. Ultimately, students develop the ability to overlay rhetorical principles onto pop culture media to create powerful tools for change and control.
Prerequisites: A minimum grade of C- in BCSC 253.

BCSC-327
Journalism in the Digital Age
3 Credits Weekly (3-o-0)
This course introduces students to the best practices and principles of journalism in the digital age. Students create interactive stories and engaging online news features under deadline and working in a convergent digital news environment. They also analyze online readership behaviours, issues and trends with an eye towards designing user-friendly multimedia news content.
Prerequisites: Minimum grade of C- in BCSC 210 and BCSC 313.

BCSC-328
Documentary Screenwriting
3 Credits Weekly (3-o-0)
This course focuses on the theory and practice of writing documentary screenplays, and the history of this genre. Students examine historical and contemporary documentaries, emphasizing Canadian productions and their influence on the documentary form. Students also consider the ethical decisions requiring filmmakers to align their messages with information, fact and reality. A brief survey of treatments and functions of a documentary (such as training and education, political, social activist, and cultural and art-house films and videos) provides the foundation for a story idea and treatment, industry-standard outline and professional shooting script that students will develop in this course.
Prerequisites: Minimum grade of C- in BCSC 223.

BCSC-330
Intermediate Strategic Communication
3 Credits Weekly (3-o-0)
This course focuses on the implementation phase of a strategic communication project or campaign with an emphasis on tactics. Using case studies as a foundation, students examine an organization’s goals and propose a communications plan to ensure communication effectiveness. Students explore a range of communication tools, both conventional and emerging, and reflect on the implementation process from the perspective of various communication theories.
Prerequisites: Minimum grade of C- in BCSC 310.

BCSC-331
Corporate Narrative
3 Credits Weekly (3-o-0)
In this course, students examine the types of corporate ‘storytelling’ with a strategic role and function in communications planning. This course focuses on the early stages of strategic process including research, goal setting, objectives and creative risk taking. As students examine organizational narrative and develop the ability to identify and capture memorable, innovative and effective stories, they will translate stories into design and media concepts, including audio/visual, multimedia, reports, newsletters, social media and presentations for the organization’s audiences.
Prerequisites: A minimum grade of C- in BCSC 216.

BCSC-332
Writing and Publishing Prose I
3 Credits Weekly (3-o-0)
Students develop knowledge of the theory and skills in the practice of writing prose for publication. In this course, students read and write widely in prose forms and genres. The emphasis is on literary forms, specifically fiction and creative nonfiction. Students develop the know-how to publish their work in recognized national and international publications.
Prerequisites: Minimum grade of B- in BCSC 343.
BCSC-340
Technical Communication for Digital Applications
3 Credits  Weekly (3-0-0)
In this course, students become familiar with software development processes and learn about technical communication documentation for custom digital applications and commercial software. Students determine the characteristics of successful documentation for digital applications, including procedural, tutorial, and reference materials for internal and external audiences, and online user assistance such as help, guided tours, and in-depth articles. They examine options in methodology, with an emphasis on task orientation, and discuss how the fast-changing and multi-platform nature of this field affects their tasks. Students replicate a full digital application documentation project cycle, organizing a development team, producing a documentation plan including user analysis, assessing the effectiveness of their documentation through usability tests, creating and presenting a prototype print version, and developing appropriate online user assistance functions.
**Prerequisites:** Minimum grade of C- in BCSC 241.

BCSC-341
Literary Journalism
3 Credits  Weekly (3-0-0)
Students delve into the art form of literary journalism, reading historical and contemporary examples as well as essays on the craft by contemporary practitioners. Through their readings, students recognize that the engine of literary journalism is the journey, which drives the process of research and informs the content and structure of the narrative. Students analyze the genre’s definitive characteristics and practice its techniques, and as they do so, grapple with the ethical issues inherent to bringing traditional journalism and creative writing together. Students also examine the value and future of literary journalism in an age of the 24-hour news cycle and sound bites.
**Prerequisites:** Minimum grade of C- in BCSC 210 or BCSC 253.

BCSC-342
Writing for Periodicals
3 Credits  Weekly (3-0-0)
Whether in print or online, the editorial content of periodicals comprises various forms of articles. Students learn the forms and ingredients of articles written for newspapers, magazines, and newsletters in local, regional, and national contexts. Starting with editorial and readership analysis, students embark on the article-writing process: they shape topics into story ideas, identify appropriate primary sources, carry out interviews, and incorporate the formal elements of article writing into publishable copy. Students also consider the market for print and online periodicals in both a Canadian and a North American context, examine the effects of media ownership on magazine publishing, and, throughout the course, examine the ethical issues that arise in the periodical industry.
**Prerequisites:** Minimum grade of C- in BCSC 210 or BCSC 253.

BCSC-343
Introducing Creative Nonfiction
3 Credits  Weekly (3-0-0)
In creative nonfiction, writing the human experience meets art and truth. In this course, students examine the literary forms of creative nonfiction, including the personal essay, literary diaries, and memoir, and the sub-genres of creative nonfiction, including literary travel writing, nature writing, science writing, and cultural criticism. Students also look at current and emerging trends in the genre. By reading extensively and broadly, analyzing what they read with a particular focus on the theory and craft of writing creative nonfiction, students gain a broad understanding of what is sometimes known as the fourth genre.
**Prerequisites:** Minimum grade of B- in BCSC 332.

BCSC-344
Computing for Journalists
3 Credits  Weekly (3-0-0)
Using computer software, students produce Web pages, print articles, and manage online content. Developing the skills to handle software for word processing, presentation, and design, students create content in both print and online formats. They examine the challenges and opportunities of multi-platform journalism, and learn to write for online audiences. Students practice print and online editorial functions.
**Prerequisites:** Minimum grade of C- in BCSC 100.

BCSC-345
Designing Content for Digital Publishing
3 Credits  Weekly (3-0-0)
Students learn how to create content for online platforms and how to adapt writing for digital and print media. They also examine business models for online publishing and learn how to create and adapt content for digital platforms. Students will work in teams to design and create content for digital publishing.
**Prerequisites:** Minimum grade of C- in BCSC 100.

BCSC-352
The Media and the Message
3 Credits  Weekly (3-0-0)
In this course, students examine media relations from both administrative and critical perspectives. They learn to place media relations within the practical and theoretical communicative frameworks of identity, image, and reputation; risk, issues, and crises; and various definitions of the public sphere. They analyze the effects of media logic upon an organization’s choice of message channel, formulate strong recommendations and effective key messages, and evaluate organizational structures and paradigms for their network and communicative power. Overall, the course provides the student with a deeper understanding of the power, ethics, and responsibilities of her or his future role as a professional participant within today's complex media ecology.
**Prerequisites:** Minimum grade of C- in BCSC 100.

BCSC-360
Magazine Editing
3 Credits  Weekly (3-0-0)
Building on skills learned in previous editing courses, students have an opportunity to model professional practice in the planning, execution, and production of a magazine that will be published by the School of Communications. As members of an editorial board, they set editorial policy, calendars, plots, timelines, and costing; determine style guides, recurring elements, and publication standards; and manage external contractors, print production, and distribution. Throughout the course, students refine their abilities to apply their creative processes in a team setting and provide constructive criticism of their own and others’ work.
**Prerequisites:** A minimum grade of C- in BCSC 260.
BCSC-361
Book Editing
3 Credits Weekly (3-0-0)
In this course, students develop as editors by investigating the field of book editing. They consider the evolution of North American book culture and contrast it with that of other Western societies. Students analyze current issues in book editing as they examine the processes of publishing a book, from manuscript acquisition and development to purchase in a bookstore or on a website, with a focus on the Canadian publishing context. Throughout the course, they continue to improve their editing knowledge, judgment, and skills through readings, discussions, exercises, written assignments, and guest speakers. Prerequisites: A minimum grade of C- in BCSC 260.

BCSC-362
Print Culture Studies
3 Credits Weekly (3-0-0)
In this course, students survey the development of print-based communications and critically analyze the cultural context of newspapers, magazines, and books as material objects. Students examine the history of print technologies, the rise of a literate marketplace through mass education and the concomitant rise of professional writers to serve that audience, the structure of cultural classes, and the possible disappearance of print in a global society that is embracing digital media and encouraging communications convergence. Prerequisites: A minimum grade of C- in BCSC 200.

BCSC-398
Professional Field Placement
3 Credits Total (0-0-180)
Students gain work experience in tasks and assignments typical of an entry-level journalist or professional communicator. Under the guidance of a faculty supervisor, students apply the knowledge and skills they have acquired in their first three years of study to a work situation. The field placement is a crucial component of the program, integrating theory and practice and demonstrating the values and attitudes acquired through classroom study. Prerequisites: Minimum grade of C- in BCSC 306.

BCSC-400
Intercultural Communication
3 Credits Weekly (3-0-0)
This course is designed to examine the principles and processes of communicating from one culture to another. Students will identify and assess the major challenges presented by intercultural interactions both at home and abroad. These challenges include developing cultural awareness, cultural sensitivity, and intercultural communication competence. Students will apply what they have learned in developing strategies and skills to communicate effectively with people from other cultures, a capability that is critical in the increasingly culturally diverse workplace and globalized society. Prerequisites: A minimum grade of C- in BCSC 200.

BCSC-411
Advanced Research Methods
3 Credits Weekly (3-0-0)
In this course, students build on skills and knowledge acquired in the introductory research course and expand their applied knowledge of quantitative and qualitative research. The course covers at a senior level the principles and ethics of scientific inquiry, hypothesis construction, research design, data collection, sampling, interpretation of statistics, ethnographic research, and evaluation of results. Students collaboratively plan and deliver one group research project, as well as design and deliver one individual research project. Prerequisites: Minimum grade of C- in BCSC 203.

BCSC-415
Global Media Systems
3 Credits Weekly (3-0-0)
In this course, students survey media ‘systems’ hailing from various countries. Such systems include business sectors, communication technologies, government policies, and ideologies. Particular attention is paid to Canadian institutional strategies and audience receptions, as these operate at global scales or within global contexts. Students analyze mutual influences between global media and related contemporary developments - from cultural trends and political events to economic and technological changes. Students direct special focus at tensions between globalization and national/local concerns, so as to determine how these interrelationships play out in today’s mass-media messaging and manoeuvring. Prerequisites: A minimum grade of C- in BCSC 320.

BCSC-417
Professional Practice
3 Credits Weekly (3-0-0)
Building on the field placement, this course invites students to explore and reflect on aspects of professional practice. Students apply critical analysis skills to develop self-awareness of their identities as professional communicators. They compare and contrast key aspects of professional identity with a focus on interpersonal effectiveness and examine theories of collaboration and principles of leadership. Finally, they examine an issue of professional practice and are encouraged to prepare their findings for presentation or publication. Prerequisites: BCSC 398.
BCSC-418
Organizational Communication Theory
3 Credits Weekly (3-0-0)
In this course, students examine the major theories in organizational communication scholarship. They apply these theories to empirical case studies in projects such as presentations and a final paper. Specific subjects to be worked on include: the ethical and ideological implications of strategic organizational communication; intercultural and gender relations and contestations in organizations; communication as central to organizational systems and culture/climate; and how communication technology such as social media are impacting organizations, and vice versa. Covered scholarly content will trace historically back to classical organizational theories, focusing on their communicative aspects or implications. Modern and contemporary theoretical traditions will then be surveyed, such as: administrative; critical, feminist, postmodernist, network-theoretical, risk-theoretical, and discourse-analytical (rhetorical) approaches to the study of communication in and by organizations. Prerequisites: Minimum grade of C- in BCSC 200 and in BCSC 310.

BCSC-420
Online News Production: News Production Workshop
6 Credits Weekly (3-0-0)
Students examine the various roles of journalists in a formal newsroom setting--editorial management, copy and picture editing, graphic design, news gathering, feature writing, photo- and videography, and data journalism and graphic presentation--by producing and publishing a fortnightly news and current events website. Prerequisites: BCSC 210 and 313.

BCSC-421
Advanced Online Journalism
3 Credits Weekly (3-0-0)
This course extends the student’s experience of news gathering, writing and production of stories and features published online. Students are engaged in critical discourse and they focus on ‘enterprise skills’ to meet the changing circumstances of online journalism. Students examine theoretical frameworks for technological innovation in the field of communication, and through teamwork, they propose solutions and innovations to the challenges of the contemporary newsroom. Prerequisites: Minimum grade of C- in BCSC 311.

BCSC-422
Advanced Reporting and Writing: The Feature
3 Credits Weekly (3-0-0)
This course focuses on long-form narrative journalism. Students identify and develop solid feature story ideas ranging from the short newspaper "page brightener" to the in-depth narrative. They experiment with various techniques of literary journalism to build engaging narratives that are emotionally and intellectually compelling. Prerequisites: Minimum grade of B- in BCSC 313.

BCSC-423
Broadcast News Current Affairs
3 Credits Weekly (3-0-0)
In this course students re-purpose their reporting skills to create visually compelling stories for a variety of platforms, including television news, public affairs programs and social media channels. Storytelling that incorporates video broadcast elements requires a dramatically different approach to reporting than a story in print. Critically examining the opportunities and limitations of the medium, particularly as a conveyer of social issues, students examine industry values, standards and assumptions implicit in decisions made concerning digital news content. They also gain familiarity with techniques of shooting, writing, editing and producing digital news for visual channels. Prerequisites: A minimum grade of C- in BCSC 313.

BCSC-424
Reporting on Canadian Politics
3 Credits Weekly (3-0-0)
This course offers a twofold approach to Canadian political reporting, focusing on both the processes and institutions of government and on journalistic methods to cover politics at all levels. Students learn how the Canadian government operates at the federal, provincial and municipal levels and discuss the role of political parties, elections and the electoral system, interest groups and legislative and executive branches of government. In examining the often symbiotic relationship between politicians and media, they analyze the ways in which governments and journalists interact to produce today’s news. The role of the journalist as a democratic watchdog is emphasized. This course addresses the question of whether reporters can cover a political beat effectively, impartially and ethically. Students produce news reports and also consider new forms of political reporting such as blogging, which enable journalists to facilitate public discourse. Prerequisites: Minimum grade of C- in BCSC 313.

BCSC-425
Investigative Journalism
3 Credits Weekly (3-0-0)
Investigative journalism requires patience, resourcefulness, clear thinking, meticulous attention to detail and a dogged determination to uncover the truth. This course examines the importance of, and risks associated with, investigative reporting in democratic societies such as Canada. Students focus on how to start and sustain a prolonged investigation, investigative interviewing, researching public records, the pros and cons of anonymous sources and filing access to information requests. Prerequisites: Minimum grade of C- in BCSC 313.
COURSE DESCRIPTIONS

BCSC-426
Advanced Seminar in Journalism
3 Credits
Weekly (3-0-0)
This seminar engages students in an in-depth and focused study of a significant topic or issue in journalism. Course content varies each year depending on contemporary concerns and interest of faculty as well as students. The seminar topic is announced prior to registration. As an outcome of the course, students are able to demonstrate application of practical and/or theoretical knowledge of the field through a project or a research paper. This course will be especially helpful to senior students wishing to pursue graduate studies.
Prerequisites: Minimum of C-in two of the following: BCSC 312, BCSC 313, BCSC 320, BCSC 322, BCSC 323, BCSC 324, BCSC 423, BCSC 415, BCSC 425.

BCSC-430
Advanced Strategic Communication
3 Credits
Weekly (3-0-0)
In this course, students examine communication theory in the context of complex communications practice. Students advance their research, organizational analysis, and rhetorical skills in the evaluation of a real-world communication campaign. Depth of analysis and academic insight are emphasized. Ultimately, students make and defend original assessments and recommendations about communication effectiveness.
Prerequisites: Minimum grade of C- in BCSC 310.

BCSC-431
Advanced Seminar in Strategic Communication
3 Credits
Weekly (3-0-0)
This seminar engages students in an in-depth and focused study of a significant topic or issue in strategic communication. Course content varies each year depending on contemporary concerns and interest of faculty as well as students. The seminar topic is announced prior to registration. As an outcome of the course, students are able to demonstrate application of practical and theoretical knowledge of the field through a project or research paper. This course is especially helpful to senior students wishing to pursue graduate studies.
Prerequisites: Minimum grade of C- in BCSC 430.

BCSC-432
Writing and Publishing Prose II
3 Credits
Weekly (3-0-0)
This course builds on students' work in BCSC 332 and is intended for students with strong interest and demonstrated skills in creative prose. The emphasis is on literary forms, specifically literary fiction and creative nonfiction. This course provides an intensive workshop experience and culminates with the production of a polished portfolio of work ready for submission to publishers.
Prerequisites: Minimum grade of B- in BCSC 332 and portfolio review.

BCSC-433
Advanced News Reporting
3 Credits
Weekly (3-0-0)
Building on the fundamentals learned in BCSC 310 and practised in BCSC 313, students will further develop their news-gathering, interviewing, research, writing and visual communication skills through more challenging storytelling assignments for all media. The course will also emphasize new methods of data gathering, graphic presentation and storytelling.
Prerequisites: Minimum grades of C- in BCSC 313.

BCSC-440
Technical Communication: Safety Standards and Policies
3 Credits
Weekly (3-0-0)
In this course, students survey industries that rely heavily on safety documentation, and consider the role of policies, practices, and procedures in creating a safety culture. They analyze safety processes and documentation and discuss the role of the three levels of safety controls to mitigate hazards. Students consider ethics and track the evolution of safety in industry. They review the safety- and engineering-related laws and standards in Canadian and international jurisdictions and determine how to locate pertinent safety regulations and standards for a specific topic. They assess methods for creating or revising documentation for safe work policies, practices, and procedures; safety orientations and training; emergency preparedness and response; quality assurance and control; and securing certificates of recognition from certifying safety partnerships.
Prerequisites: Minimum grade of C- in BCSC 340.

BCSC-441
Technical Communication for Policy Writing
3 Credits
Weekly (3-0-0)
Policies act as the rudder steering the people and processes of organizations and government agencies toward their stated goals. Technical communication can be the key to ensuring that these documents are clear and effective and encourage compliance. Students in this course describe the differences among policies, practices, and procedures and identify the characteristics of written goals that are implementable and measurable. They look at the legislation and regulations often related to policies, and address the effect of globalization on policy writing. Through critical analysis of samples of policies and human resource handbooks, students learn to anticipate potential consequences of policy wording, including the impact on organization culture. They also identify the role of policies and goals in defining responsibilities, coping with organizational change, and treating sensitive issues in human resources.
Prerequisites: Minimum grade of C- in BCSC 340.

BCSC-442
Advanced Seminar in Technical Communication
3 Credits
Weekly (3-0-0)
This seminar engages students in an in-depth and focused study of a significant topic or issue in technical communication. Course content varies each year depending on contemporary concerns and interest of faculty as well as students. The seminar topic is announced prior to registration. As an outcome of the course, students are able to demonstrate application of practical and/or theoretical knowledge of the field through a project or research paper. This course is especially helpful to senior students wishing to pursue graduate studies.
Prerequisites: Minimum grade of C- in two of the following: BCSC 340, BCSC 440, BCSC 441, BCSC 411.
BCSC-461
Publication Editing and Management
3 Credits  Weekly (3-0-0)
This course examines production processes, which are the hub of publishing activity. The work of editors, designers, marketers and managers intersects in production, and the focus of this course is on production at a time of transition as publishers weigh print and electronic options. Students develop their creativity and problem-solving skills as they prepare specifications, source suppliers, compile costing sheets, buy print, develop schedules, and evaluate quality. They benefit from interacting with industry materials, technologies, and experts in the classroom and on field trips.
Prerequisites: A minimum grade of C- in BCSC 260.

BCSC-462
Advanced Seminar in Editing and Publishing
3 Credits  Weekly (3-0-0)
This seminar engages students in an in-depth and focused study of a significant topic or issue in editing and publishing. Course content varies each year depending on contemporary concerns and interest of faculty as well as students. The seminar topic is announced prior to registration. As an outcome of the course, students are able to demonstrate application of practical and theoretical knowledge of the field through a project or research paper. This course is especially helpful to senior students wishing to pursue graduate studies.
Prerequisites: Minimum grade of C- in at least two of the following courses: BCSC 260, BCSC 360, BCSC 361, BCSC 362, BCSC 461.

BICM-200
Introductory Biochemistry
3 Credits  Weekly (3-0-0)
Biochemistry is the study of the chemistry of life. This course introduces students to the complexities of the cellular environment and its impact on the chemical reactions that occur in the cell. Structural and functional aspects of proteins (both enzymatic and non-enzymatic) and nucleic acids are examined. The course also introduces intermediary metabolism, focusing on carbohydrate metabolism. Emphasis is on the energy changes associated with these processes, their regulation, and integration. Note: This course cannot be taken for credit if credit has already been obtained in BICM 203 or BICM 205.
Prerequisites: Minimum grade of C- in BIOL 107 and CHEM 101 and CHEM 261.

BICM-310
Intermediary Metabolism
3 Credits  Weekly (3-0-0)
This course explores the principles of intermediary metabolism, the chemical reactions by which organisms store and generate energy required for life. Topics include the roles of ADP and ATP in energy transfer, the chemistry of intermediary metabolism, the synthesis of amino acids and carbohydrates, and the recycling of carbon skeletons. The course is designed to prepare students to undertake studies in advanced metabolism.
Prerequisites: Minimum grade of C- in BICM 200, CHEM 102, and in CHEM 263.

BICM-320
Structure and Function of Biomolecules
3 Credits  Weekly (3-0-0)
This course illustrates the relationship between structure and function in biological molecules. The structure of proteins is discussed with selected examples to illustrate protein function. Mechanisms of enzymatic catalysis are presented with an emphasis on kinetics and regulatory mechanisms. Structural and functional aspects of carbohydrates and lipids are presented, with reference to glycobiology, biological membranes, and mechanisms of transport. Experimental methods used to study proteins, carbohydrates and lipids are introduced.
Prerequisites: Minimum grade of C- in BICM 200 and CHEM 102 and in CHEM 263.

BICM-330
Nucleic Acid Biochemistry
3 Credits  Weekly (3-0-0)
This course provides a comprehensive examination of the biochemistry of nucleic acids. The structure, function and metabolism of nucleotides are explored. Nucleic acids and chromosomes are examined at their structural level. The molecular mechanisms of both DNA and RNA metabolism are discussed with particular attention to replication, DNA repair, recombination, transcription, reverse transcription and translation. The diverse roles of RNA are explored, including catalysis, regulation and molecular recognition. A variety of applications of DNA- and RNA-based technologies are discussed.
Prerequisites: Minimum grade of C- in BICM 200, CHEM 102 and BIOL 205.

BIOL-020
Biology 20
5 Credits  Weekly (7.5-0-0)
Biology 20 is equivalent to Alberta Learning’s Biology 20. The course deals with major concepts of systems, equilibrium, energy and matter. The major topics include cell dynamics, cellular pathways, the biosphere, cellular matter and energy flow, matter and energy exchange in ecosystems, and matter and energy exchange by the human organism.
Prerequisites: SCIE 010 or equivalent.

BIOL-030
Biology 30
5 Credits  Weekly (7.5-0-0)
Biology 30 is equivalent to Alberta Learning’s Biology 30. The course concentrates on many aspects of the human body - its function and maintenance. The major topics include the nervous system, hormones and controls, reproduction and human development, cell division and classical genetics, heredity and molecular genetics, population dynamics and populations and communities.
Prerequisites: BIOL 20 or equivalent or consent of the department.

BIOL-101
Current Issues in Human Biology
3 Credits  Weekly (3-0-0)
This course enables students to discover, discuss, and analyze topics in biology that are of current concern. Students apply scientific method and critical thinking to topics in human biology. Topics may include, but not be limited to: genetics, biotechnology, human diseases, immunology and vaccination.
BIOL-102
Nutrition and the Body
3 Credits
Weekly (3-0-0)
This course is designed to develop both content knowledge and critical thinking in basic nutrition. Physiological processes and how these are affected by various nutrients are considered. Possible topics include energy balance (weight loss and gain), the influence of nutrition on chronic disease and physical fitness.

BIOL-103
Humans and Their Environment
3 Credits
Weekly (3-0-0)
This course provides an overview of global and local environmental issues that have accompanied the population growth of humans. Principal areas in which critical decisions are now required are identified. Detailed case studies of specific environmental topics compare Canada (a developed country) with a developing country. Note: This course is intended for students that are not majoring in ecology or environmental science.

BIOL-107
Introduction to Cell Biology
3 Credits
Weekly (3-3-0)
The smallest unit of life is the cell. This course provides an introduction to the biology of the cell. Major topics include the chemical composition of cells, characterization of prokaryotic and eukaryotic cells at both a structural and functional level, and energy transfer within the cell. The evidence leading to the elucidation of DNA as the genetic material is examined as are the processes which govern the flow of genetic information in the cell. Note: BIOL 107 and BIOL 108 may be taken in either order. Prerequisites: Biology 30 and Chemistry 30.

BIOL-108
Organisms in Their Environment
3 Credits
Weekly (3-3-0)
From the origin of life on earth through the evolution of prokaryotic and eukaryotic organisms this course examines the diversity of life on earth. Using a phyletic approach to classification, the major taxonomic groups of organisms are introduced. These include prokaryotes, numerous protists, plants, fungi, and animals. Features that adapt these organisms to their environment are emphasized using Darwinian evolution as the underlying principle. Note: BIOL 108 and BIOL 107 may be taken in either order. Prerequisites: Biology 30.

BIOL-201
Eukaryotic Cellular Biology I
3 Credits
Weekly (3-3-0)
This course provides an overview of the eukaryotic cell with a detailed dissection of selected aspects at the structural and functional levels. Emphasis is on protein targeting and transport within endomembrane and non-endomembrane systems, endocytic and exocytic pathways, cellular signaling pathways, biological membranes, and the cytoskeleton. Primary and review literature is used to elucidate cellular processes and advances in cell biology. Prerequisites: Minimum grade of C- in BIOL 107 and in any 100-level CHEM.

BIOL-205
Principles of Molecular Biology
3 Credits
Weekly (3-3-0)
This course provides an introduction to the molecular mechanisms for the propagation and expression of the genome in both prokaryotic and eukaryotic systems. The application of modern molecular biological techniques to the study of gene structure, function and regulation are discussed. Basic techniques in molecular biology are introduced in the laboratory. Prerequisites: Minimum grade of C- in BIOL 107.

BIOL-208
Principles of Ecology
3 Credits
Weekly (3-3-0)
Ecology is the study of the interactions between organisms and their environment. These include interactions at the individual, population, community, and ecosystem levels. Topics presented include: abiotic and biotic factors that form an organism’s environment, models of population growth and factors controlling growth, competition and predator-prey interactions in communities, energy flow and nutrient cycling in ecosystems. Laboratories emphasize collection, analysis, interpretation, and communication of ecological data. Prerequisites: Minimum grade of C- in BIOL 108.

BIOL-211
Introduction to Microbiology
3 Credits
Weekly (3-3-0)
This course deals with the cell structure and physiology of microorganisms. Major topic areas include the structural and functional characterization of microbial groups, the metabolic diversity of microbes, factors affecting microbial growth, and environmental sensing and response of microbes. Throughout the course, examples of economically and medically important applications of microbes are used to illustrate major concepts. Laboratory exercises introduce students to common microbiological techniques used in environmental microbiology, molecular microbiology, and microbial biotechnology. Prerequisites: Minimum grade of C- in BIOL 207 and in any 100-level CHEM course.
Biol-300
Eukaryotic Cellular Biology II
3 Credits  Weekly (3-3-0)
This course is a continuation of the structural and functional analysis of eukaryotic cells initiated in Biology 201. Emphasis is on understanding and applying the tools and techniques used by cell biologists to investigate cellular processes at both theoretical and practical levels. Regulation of the cell cycle, tissue formation and intercellular junctions, cellular differentiation and death, and cancer mechanisms are discussed.
Prerequisites: Minimum grade of C- in BIOL 201 and in BIOL 205.

Biol-310
Freshwater Ecology
3 Credits  Weekly (3-3-0)
This course examines the adaptations and ecological roles of bacteria, fungi, plants, protists, and animals that inhabit streams, rivers, ponds, and lakes. Abiotic and biotic interactions that contribute to freshwater ecology are discussed. Discussions will emphasize, but not be limited to, Alberta environments. The laboratory exposes students to a number of empirical techniques commonly used in studying and measuring ecological processes in aquatic systems.
Prerequisites: Minimum grade of C- in BIOL 208.

Biol-312
Terrestrial Ecology
3 Credits  Weekly (3-3-0)
This course examines the abiotic and biotic interactions that contribute to the structure and functioning of terrestrial ecosystems and landscapes. Principles of ecosystem and landscape ecology will be discussed. Topics include: soils, energy and nutrient cycling, plant productivity, climate patterns and impacts, and causes and consequences of landscape structure. Discussions will emphasize, but not be limited to, Alberta environments. The laboratory focuses on a range of techniques used in studying and measuring ecological processes in terrestrial systems, and the critical evaluation, analysis and effective communication of ecological information.
Prerequisites: Minimum grade of C- in BIOL 208.

Biol-313
Animal Developmental Biology
3 Credits  Weekly (3-3-0)
Students explore how molecular and cellular mechanisms work together to drive the development of vertebrate and invertebrate animals. Discussion topics include gene regulation and expression related to ontogeny. The laboratory focuses on quantifying these mechanisms and explores animal models of development.
Prerequisites: Minimum grade of C- in BIOL 201 and in BIOL 205.

Biol-314
Population and Community Ecology
3 Credits  Weekly (3-3-0)
This course examines the central concepts underlying the interrelated disciplines of population and community ecology. Topics include, but are not limited to, population parameters, demographics and modeling; models and mechanisms of interspecific interaction; structure, function, and dynamics of ecological communities and global patterns of biodiversity. Application of theory to applied problems is emphasized. The laboratory applies quantitative field, lab and computer simulation techniques that are commonly used in population and community ecology.
Prerequisites: Minimum grade of C- in BIOL 208 and in any one of MATH 113, MATH 114, MATH 120, or MATH 125.

Biol-315
History of Biology
3 Credits  Weekly (3-0-1)
This course traces the scientific foundations of biological discovery from the ancient Greeks to the present. The course presents the origins and evolution of modern concepts in biology and introduces students to the people that were largely responsible for these ideas. The course involves a major written component involving critical evaluation of biological literature, an oral presentation and peer work. Students are expected to actively participate in class discussions. Note: This course is intended for students in their 3rd year of study.
Prerequisites: A minimum grade of C- in 6 credits of 200-level BIOL of which one must be BIOL 207 or BIOL 208.

Biol-321
Mechanisms of Evolution
3 Credits  Weekly (3-0-0)
This course introduces the major principles of biological evolution including micro and macroevolutionary processes. Students gain a basic understanding of population genetics, variation, natural selection, adaptation, coevolution, speciation, and extinction.
Prerequisites: Minimum grade of C- in BIOL 108 and BIOL 207.

Biol-323
Introduction to Population Genetics
3 Credits  Weekly (3-0-0)
This course is a comprehensive examination of population genetics, emphasizing the statistical foundation of evolutionary theory. The importance of identifying the patterns of genetic variation within and between populations, and the evolutionary forces behind the variation are emphasized. Problem-solving in seminar sessions familiarize students with the mathematics behind the models.
Prerequisites: A minimum grade of C- in BIOL 207 and BIOL 208.

Biol-337
Biostatistics and Research Design
3 Credits  Weekly (3-3-0)
This course introduces students to the methods and steps used in biological experimental design, data collection, organization, analysis, and presentation of biological data. Evaluation of different sampling designs and the benefits and limitations of various data types for testing biological hypotheses are discussed. A wide variety of statistical tests are compared and contrasted. Laboratory activities illustrate how database, spreadsheets, and statistical software are used in data analysis.
Prerequisites: Minimum grade of C- in any 200-level Biological Sciences course and STAT 151.
BIOL-361  
Marine Biology  
**3 Credits** Weekly (3-3-0)  
This course provides an introduction to the adaptations of organisms that live in various marine habitats. The essential physical features of the marine environment are considered as well as overviews of the diversity of marine prokaryotes, protists, plants, and animals. The community ecology of marine organisms and the threats to and human impacts on oceans are discussed. The laboratory emphasizes the identification of a variety of marine organisms and includes an optional field trip to a coastal area. **Note:** ZOOL 250 is strongly recommended.  
**Prerequisites:** Minimum grade of C- in BIOL 208.

BIOL-365  
Tropical Rainforest Ecology  
**3 Credits** Total (20-70-0)  
This course provides an introduction to the biodiversity and ecology of organisms found in the world’s most biologically rich ecosystem, the tropical rainforest. The physical and biotic forces that contribute to this incredible diversity are investigated, and the most serious threats to the conservation of the tropical rainforest ecosystem are explored. The course includes a field trip to the Tiputini Biodiversity Station in the lowland rainforest of eastern Ecuador, a visit to a high-elevation cloud forest in the Andes, and travel to other biological and cultural sites in Ecuador.  
**Prerequisites:** Minimum grade of C- in BIOL 208 and consent of the department.

BIOL-367  
Conservation Biology  
**3 Credits** Weekly (3-0-0)  
This course introduces the principles of conservation biology with an emphasis on ecological processes operating at population, community, and ecosystem levels of organization. Threats to biological diversity, ranging from species introductions to habitat destruction will be discussed along with conservation solutions ranging from the design of protected areas through conservation legislation. The course involves a major oral presentation and peer work. Students are expected to actively participate in class discussions.  
**Prerequisites:** Minimum grade of C- in BIOL 208.

BIOL-371  
Animal Behaviour  
**3 Credits** Weekly (3-3-0)  
This course provides students with a biological and ecological approach to the general question of “how and why animals behave as they do.” The primary focus is on the biological and evolutionary processes that shape behaviour in general. An additional important objective is to clearly differentiate between proximate and ultimate explanations of behaviour.  
**Prerequisites:** A minimum grade of C- in BIOL 208 or in PSYC 373 with consent of the department.

BIOL-385  
Wildlife Forensics  
**3 Credits** Weekly (3-0-0)  
This course examines the use of molecular biology and other biological techniques in wildlife forensics. Genetic markers and the technologies employed to characterize them are discussed. Emphasis is on the questions, as they pertain to wildlife management, that can be addressed through the application of DNA-based and other biological methods. Extensive use is made of scientific literature to illustrate specific examples of the value and usefulness of wildlife forensics in wildlife conservation and management.  
**Prerequisites:** Minimum grade of C- in BIOL 207 and ZOOL 225.

BIOL-399  
Honours Proposal  
**3 Credits** Total (0-0-60)  
Under the direction of a faculty supervisor, the student explores a specific topic in depth through a comprehensive and critical review of the scientific literature. Based on the literature review, the student develops a detailed proposal for an independent research project. Students participate in group discussions of scientific literature. To be granted enrollment in the course, the student must have made prior arrangements with a faculty supervisor.  
**Note:** This is a required course for the biological science honours designation and only available for enrollment by students registered in the honours program.

BIOL-410  
Techniques in Field Ecology  
**3 Credits** Weekly (0-6-0)  
This course provides students with experience in designing an ecological research project and collecting biological information in a field setting. Students will gain skills in a range of field techniques and research design methods commonly used to study various biota in terrestrial, freshwater, and/or wetland ecosystems. Students will be expected to collect, analyze, and communicate field data using various methods, critically evaluate the field techniques, and design and carry out an independent research project culminating in a final scientific paper.  
**Prerequisites:** Minimum grade of C- in BIOL 337 and in at least one of BIOL 310, BIOL 312, BIOL 314, or BIOL 371.

BIOL-413  
Advanced Animal Developmental Biology  
**3 Credits** Weekly (3-0-0)  
Building on their knowledge of animal developmental biology, students review, analyze, and discuss topics in the primary literature related to inductive mechanisms that determine the growth and development of embryos. Emphasis is placed on regulation of morphogenetic processes to establish the animal body plan. Topics may include evolutionary developmental biology, tissue regeneration, and environmental and/or teratogenic influences on embryo development. Examples from invertebrate and vertebrate animals are discussed.  
**Prerequisites:** A minimum grade of C- in BIOL 313.
BIOL-421
Techniques in Molecular and Cellular Biology
3 Credits Weekly (0-6-0)
This is a laboratory-based course in current molecular, biochemical, and cell biology techniques with an emphasis on the isolation, analysis, characterization and expression of genes and gene products. An understanding of the theory and application of experimental methods and skills in the analysis and presentation of experimental data is developed through work in a project-based research setting. Projects vary and are announced prior to registration.
Note: This course may be taken up to two times, provided the course project is different.
Prerequisites: A minimum grade of B- in BIOL 205 and in any two of BICM 310, BICM 320, BICM 330, BIOL 300, BIOL 315, GENE 369, GENE 370 or consent of the department.

BIOL-422
Methods in Experimental Ecology
3 Credits Weekly (0-6-0)
This is a project based course, using current ecological methods with emphasis on collection and analysis of quantitative data. This course develops students’ understanding of ecological theory and application of experimental methods. Skills in the analysis and presentation of data are developed through work in a laboratory or field-based research setting. Projects vary and are announced prior to registration.
Note: This course may be taken up to two times, provided the course project is different.
Prerequisites: A minimum grade of B- in BIOL 208 and in BIOL 337, and at least one of: BIOL 310, BIOL 312, BIOL 314, BIOL 365, BIOL 367, or BIOL 371.

BIOL-430
Pathobiology: The Cellular Basis of Disease
3 Credits Weekly (3-0-0)
This course is an investigation of pathological changes to cells and tissues as they manifest in human disease. Building on their knowledge of cell biology, students review, analyze, and discuss topics from the primary literature related to the cellular mechanisms that drive disease pathogenesis. Selected disease therapies are explored. Topics may include cancer, aging, physiology, immunology, microbiology, and virology. Note: BICM 320 Recommended
Prerequisites: A minimum grade of C- in BIOL 300.

BIOL-492
Field Placement
3 Credits Total (0-0-45)
This course offers students experience in a biological laboratory and/or a field setting. Supervised by a cooperating agency, organization, or institution, in conjunction with a faculty member, students apply their knowledge and skills to practical assignments in a specific area of biological sciences. Note: This course is intended for students in the final year of their degree. Enrollment is dependent on availability of appropriate field placements. This course may be taken up to two times for credit.
Prerequisites: Minimum grade of B- in a 300-level Biological Sciences course relevant to the field placement.

BIOL-495
Special Topics
3 Credits Weekly (0-0-3)
This course involves reading, discussing and critically evaluating current research on specialized topics of interest to senior students in Biological Sciences. Topics covered vary with the interests of students and faculty. Students should consult with faculty members in the Department of Biological Sciences for details regarding current offerings.
Note: This course is intended for students in the final year of their degree. This course may be taken up to two times.
Prerequisites: Minimum grade of B- in 300-level Biological Sciences relevant to the special topic.

BIOL-498
Advanced Independent Study
3 Credits Total (0-0-72)
In this course, students plan, conduct, and communicate the results of an independent research project in Biological Sciences under the direction of a faculty supervisor. Registration is contingent on the student having made prior arrangements with a faculty member willing to supervise the research. Note: This course is intended for students in the final year of their degree. This course is open only to students in the Biological Sciences honours program. Students complete BIOL 499A and BIOL 499B in consecutive terms.
Prerequisites: A minimum grade of B- in a 300-level course in Biological Sciences relevant to the proposed research and a minimum grade of B- in BIOL 399.

BIOL-499A
Honours Thesis I
3 Credits Total (0-0-72)
In this course, students plan, conduct, and communicate the results of an independent research project in Biological Sciences under the direction of a faculty supervisor. Registration is contingent on the student having made prior arrangements with a faculty member willing to supervise the research. Note: This course is intended for students in the final year of their degree. This course is open only to students in the Biological Sciences honours program. Students complete BIOL 499A and BIOL 499B in consecutive terms.
Prerequisites: A minimum grade of B- in a 300-level course in Biological Sciences relevant to the proposed research.

BIOL-499B
Honours Thesis II
3 Credits Total (0-0-72)
In this course, students plan, conduct, and communicate the results of an independent research project in Biological Sciences under the direction of a faculty supervisor. Registration is contingent on the student having made prior arrangements with a faculty member willing to supervise the research. Note: This course is intended for students in the final year of their degree. This course is open only to students in the Biological Sciences honours program. Students complete BIOL 499A and BIOL 499B in consecutive terms.
Prerequisites: A minimum grade of B- in a 300-level course in Biological Sciences relevant to the proposed research and a minimum grade of B- in BIOL 399.

BOTN-205
Fundamentals of Plant Biology
3 Credits Weekly (3-3-0)
This course is an overview of the biodiversity, evolution and life cycles of organisms in the Plant Kingdom (bryophytes, seedless vascular plants, gymnosperms and angiosperms). The course examines plant morphology and anatomy, with a focus on angiosperms. Examples of native and invasive species are used to apply knowledge of plant morphology to species identification and to explore ecological concepts. Emphasis throughout the course is on the relationship between plant form and function.
Prerequisites: Minimum grade of C- in BIOL 108.
BOTN-305
**Plant responses and interactions**

**3 Credits**  
Weekly (3-0-3)  
This course explores the complex responses of plants to their environment and the physiological mechanisms that make the interaction between plants and other organisms possible. Topics include plant sensory systems and responses, movement in plants, symbiotic relationships, plant-pollinator interactions, and plant defense mechanisms. The laboratory introduces experimental techniques used in studying plant growth responses. Students develop skills in planning and carrying out experiments independently and gain experience in the critical evaluation, analysis, and effectice communication of data.  
Prerequisites: A minimum grade of C- in BIOL 208 or in BOTN 205.

BUSN-200
**Fundamentals of Business**

**3 Credits**  
Weekly (3-0-0)  
This is an interdisciplinary cornerstone course, based on the premise that responsible leadership and effective management requires an understanding of business and its substantive disciplines, how a sustainable business is run and how emerging issues in business can be addressed from a sustainability perspective.

BUSN-201
**Introduction to Sustainable Business**

**3 Credits**  
Weekly (2-0-1)  
This is an interdisciplinary cornerstone course, based on the premise that responsible leadership and effective management requires an understanding of business and its substantive disciplines, how a sustainable business is run and how emerging issues in business can be addressed from a sustainability perspective.

BUSN-210
**Special Topics in Business**

**3 Credits**  
Weekly (0-0-3)  
Students explore a designated topic in Business Studies, allowing them an opportunity to reflect and present findings on an activity or project in which they have undertaken within the School of Business. A contract between the student(s) and the instructor outlines the objectives, process and criteria for evaluation. Chair approval is required for registration. This course is only open to students in the School of Business who have completed at least 30 credits.

BUSN-330
**Project Management**

**3 Credits**  
Weekly (3-0-0)  
Students learn the theory and practice of project management through the phases of initiating, planning, executing, monitoring and controlling, and closing. Students examine how the project management knowledge areas (scope, time, cost, quality, human resources, communications, risk, procurement, and integration) have an impact on projects. Students consider the complexities of international projects and analyze the Project Management Institute’s (PMI) Member Code of Ethics and Standards of Conduct. They apply their project management skills in a group project.  
Prerequisites: BUSN 201 or MGMT 121.

BUSN-350
**Advanced Business Case Analysis and Presentation**

**3 Credits**  
Weekly (3-0-0)  
This is an advanced, inter-disciplinary and hands-on course. Participants will learn practical case analysis techniques, nurture their critical thinking capabilities, and hone their presentation skills. Regardless of their major, they will acquire analytical competences that are transferable to a variety of settings including but not limited to general management and management consulting. Students interested in business case competitions will also find the skills learnt from this course very useful.  
Prerequisites: Minimum of 45 credits. Pre-approval of individual students by the chair or designate is required.

BUSN-396
**Advanced Quantitative Research Methods for Business**

**3 Credits**  
Weekly (3-0-0)  
This course helps students make effective and efficient advanced use of business information. Students study the theory and application of quantitative research design and methods in business. In particular, this course emphasizes on how to perform multivariate statistical techniques for improved company decision making. Students are presented with data sets and learn to analyze and present their results using multiple regression, ANOVA, Factor and Cluster Analysis, Logistic Regression and Conjoint Analysis, among others. Students also discuss sampling issues, ethical issues and questionnaire construction. Restricted to Bachelor of Commerce students and required for Bachelor of Commerce Honours students.  
Prerequisites: MGTS 312.

BUSN-397
**Advanced Qualitative Research Methods for Management**

**3 Credits**  
Weekly (3-0-0)  
Students learn science epistemology and its coherent application to qualitative research methods in Management. In terms of research practice, students are trained to conduct interviews, focus groups, and participant observations. Students analyze and interpret the data collected through the research methods of content analysis, business case study research, grounded theory, and ethnography, among others. Students learn sampling, reliability, consistence, and generalization applied to qualitative methods. Students learn about research ethics and the research process: how to apply to MacEwan’s Research Ethics Board, complete a Tri-Council Policy Statement (TCPS 2) Tutorial, and develop consent forms. Restricted to Bachelor of Commerce students and required for Bachelor of Commerce Honours students.  
Prerequisites: ORGA 201.
Program.

and acceptance into the BCom Honours

Prerequisites:

Commerce Honours students.

Thesis. Restricted to Bachelor of

present a proposal for their Honours

and other students to develop and

Students work with the course instructor

3 Credits

Senior Honours Seminar

BUSN-496

Weekly (3-0-0)

This course is intended to be taken in the

final year of the Bachelor of Commerce

degree. Through review of scholarly

journals and analysis of case study, students integrate prerequisite

learning during the formulation and

implementation of strategy within

a variety of contexts. In addition, students research, analyze, evaluate

and develop models to explain the

purpose of the firm, the effect of social

and environmental externalities, and information system support for strategy

including the design and implementation of performance metric systems. This

course is intended to be taken in the final year of the Bachelor of Commerce

program.

Prerequisites: ACCT 322, FNCE 301,

MARK 301, ORGA 316 and MGT 352.

BUSN-450

Strategic Management

Weekly (3-0-0)

This is an inter-disciplinary course within the Bachelor of Commerce

Degree. Through review of scholarly journals and analysis of case study, students integrate prerequisite

learning during the formulation and

implementation of strategy within

a variety of contexts. In addition, students research, analyze, evaluate

and develop models to explain the

purpose of the firm, the effect of social

and environmental externalities, and information system support for strategy

including the design and implementation of performance metric systems. This

course is intended to be taken in the final year of the Bachelor of Commerce

program.

Prerequisites: ACCT 322, FNCE 301,

MARK 301, ORGA 316 and MGT 352.

BUSN-496

Senior Honours Seminar

Weekly (3-0-0)

Students work with the course instructor

and other students to develop and

present a proposal for their Honours

Thesis. Restricted to Bachelor of

Commerce Honours students.

Prerequisites: BUSN 396, BUSN 397

and acceptance into the BCom Honours Program.

CHEM-020

Chemistry 20

Weekly (7.5-0-0)

The material covered in this course is equivalent to Alberta Learning’s Chemistry 20.

Topics include matter as solutions (acids, bases and gases), quantitative relationships in chemical changes, chemical bonding in matter and the diversity of matter (organic chemistry).

Prerequisites: Science 10 or equivalent.

CHEM-030

Chemistry 30

Weekly (7.5-0-0)

The material covered in this course is equivalent to Alberta Learning’s Chemistry 30.

Topics include basic concepts of chemistry, atoms, molecules and ions, stoichiometry, oxidation/reduction reactions, electrochemistry, acids and bases, chemical energetics, nuclear chemistry and chemical kinetics.

Prerequisites: Chemistry 20 or equivalent.

CHEM-101

Introductory University Chemistry I

Weekly (4-3-0)

This course serves as a foundation for all subsequent chemistry courses. Atomic properties as they relate to the periodic table are considered, along with quantum mechanics for hydrogen-like orbitals and electron configurations.

The course provides an introduction to bonding theories as they apply to the stability, molecular geometry and intermolecular interactions of atomic, ionic and molecular species. Topics include chemical nomenclature, stoichiometry, classification of chemical reactivity, gases (both ideal and real) and thermochemistry.

Note: Credit may only be obtained in one of CHEM 102 or CHME 105.

Prerequisites: Minimum grade of C- in CHEM 101.

CHEM-102

Introductory University Chemistry II

Weekly (4-3-0)

This course emphasizes the importance of chemical equilibrium as it applies to gases, acids and bases, solubility and precipitation reactions and complex ion formation. Also studied are kinetics (rates of reactions, differential and integrated rate laws, the Arrhenius equation), catalysts, thermodynamics (spontaneity, entropy, free energy), and electrochemistry (balancing redox reactions, calculating standard and non-standard cell potentials), with emphasis on some practical applications related to batteries, corrosion and industrial processes. A special topic, selected by the instructor, is covered if time permits.

Note: Credit may only be obtained in one of CHEM 102 or CHME 105.

Prerequisites: Minimum grade of C- in CHEM 101.

CHEM-211

Analytical Chemistry I

Weekly (3-4-0)

This course surveys the principles, methods, and experimental applications of classical analytical chemistry, emphasizing solution phase equilibria, titrimetry, volumetric laboratory skills, and the evaluation of experimental data.

The course includes examples of organic and inorganic analysis.

Prerequisites: Minimum grade of C- in CHEM 102 or CHME 105.

CHEM-213

Analytical Chemistry II

Weekly (3-4-0)

This course emphasizes the principles, methods, and experimental applications of separation techniques, atomic and molecular spectrometry, electrochemistry, and evaluation of experimental data. It also includes examples of organic and inorganic analysis and use of the analytical chemistry literature.

Prerequisites: Minimum grade of C- in CHEM 211.
COURSE DESCRIPTIONS

CHEM-232
Inorganic Chemistry
3 Credits  Weekly (3-0-0)
This course examines the bonding models used for inorganic compounds (main group and transition metal elements). Reactivity patterns of inorganic compounds are considered to gain an understanding of the role of thermodynamics and kinetics in their preparation and reactivity. Physical methods that are used to characterize inorganic compounds are discussed. The relevance and importance of inorganic compounds in the environment, industry and biology are emphasized.

Prerequisites: Minimum grade of C- in CHEM 102.

CHEM-241
Biophysical Chemistry
3 Credits  Weekly (3-3-0)
This course applies the fundamentals of physical chemistry to the life sciences. The course centres on the principles and methods employed (i) to perform the material and energy balances in biophysical and biochemical processes, and (ii) to determine the general conditions that govern the self-organization of matter in the steady state and that contribute to maintain homeostasis. This course provides the framework for understanding the bulk properties and transitions of pure matter and its mixtures; phenomena at the surface; transformations and transactions of matter and energy, storage of electric charge; systems’ response to change in external and internal conditions; as well as physical, chemical and electrochemical equilibria.

Note: Completion of BIOL 107 prior to taking CHEM 241 is recommended.

Prerequisites: Minimum grade of C- in CHEM 102 and in one of MATH 113 or MATH 114.

CHEM-242
Fundamentals of Physical Chemistry
3 Credits  Weekly (3-3-0)
This course is about the use of methods to design experiments, analyze measured data, and devise quantitative models in chemistry. These models are applied to explain observations, to optimize experimental conditions, and to predict and control the direction, extent and rate of physicochemical processes. Internal energy, enthalpy, entropy and free energy functions are applied to perform the materials and energy balances of reactions, phase transitions, transport of matter, and coupled processes thereof. Focus is placed on nonequilibrium and steady-state processes. The laws of energy conservation, entropy production, and equilibrium are applied to phenomena occurring inside systems consisting of several components and phases. Fundamentals cover the methods to determine the kinetic parameters and mechanism of chemical reactions.

Prerequisites: A minimum grade of C- in CHEM 102 and MATH 114.

CHEM-252
Forensic Chemistry
3 Credits  Weekly (3-3-0)
This course provides an introduction to crime scene investigations, forensic science, and forensic chemistry. The main focus of the course is scientific basis for the analysis and interpretation of crime scene evidence. The methods of chemical analysis, including the theoretical and practical aspects of these techniques for common types of forensic evidence such as fingerprints, DNA, and trace evidence, will be discussed. Laboratory quality control, processing, evaluation, interpretation, and reporting of analytical laboratory results will also be discussed. Students will gain hands-on experience in the use of a range of analytical techniques in the laboratory through the examination of simulated crime scene evidence.

Prerequisites: Minimum grade of C- in CHEM 102.

CHEM-261
Organic Chemistry I
3 Credits  Weekly (3-3-0)
This course covers the molecular structure and reactivity of organic compounds based on their functional groups and is intended for students who have obtained at least three credits in Introductory University Chemistry. The course provides an introduction to nomenclature, three dimensional structure and physical properties of organic compounds as well as reaction mechanisms and infrared spectroscopy. Although most organic functional groups are discussed, the focus is on the chemistry of alkanes, alkenes, alkynes and alkyl halides. Mechanisms of nucleophilic substitution and elimination reactions of alkyl halides are discussed.

Note: Credit can only be obtained in one of CHEM 161 or CHEM 164 or CHEM 261.

Prerequisites: Minimum grade of C- in CHEM 101 or in CHME 103, or greater than 90 per cent in Chemistry 30.

CHEM-263
Organic Chemistry II
3 Credits  Weekly (3-3-0)
The nomenclature, structure, physical properties, synthesis and selected reactions of the basic functional groups in organic chemistry are discussed. Functional groups covered include alkenes, alkynes, aromatic compounds, alcohols, phenols, ethers, aldehydes, ketones, amines, carboxylic acids and carboxylic acid derivatives. The presence of these functional groups in natural products is emphasized. The application of spectroscopic methods for structure determination in simple organic molecules is discussed.

Prerequisites: Minimum grade of C- in CHEM 164 or in CHEM 261.

CHEM-270
Environmental Chemistry
3 Credits  Weekly (3-3-0)
In this course, methods used to identify and quantitatively determine the levels of pollutants in different environmental matrices will be described. Appropriate sampling methods, sample preparation and analysis using various classical and instrumental analytical techniques will be studied. In addition, important environmental issues facing our modern society, including climate change, the loss of the ozone layer and the end of fossil fuels are discussed.

Prerequisites: Minimum grade of C- in CHEM 102.
**CHEM-291 Applied Spectroscopy**  
*3 Credits  Weekly (3-2-0)*  
This course focuses on the practical aspects of preparing samples for analysis, collecting and analyzing data, and characterizing organic, inorganic and biological compounds. Methods are explored from a theoretical and practical perspective and include X-ray crystallography, ultraviolet-visible spectroscopy, infrared spectroscopy, mass spectrometry, and nuclear magnetic resonance.  
*Prerequisites:* Minimum grade of C- in CHEM 231 or CHEM 261.

**CHEM-311 Advanced Chemical Analysis**  
*3 Credits  Weekly (3-4-0)*  
This course discusses instrumentation and analytical applications of spectroscopic, chromatographic, and electroanalytical methods. The theory governing each analytical technique and its advantages and disadvantages are discussed. Emphasis is placed on choosing the appropriate method for a particular analysis.  
*Prerequisites:* Minimum grade of C- in one of CHEM 213, CHEM 353 or CHEM 370.

**CHEM-320 Introduction to Geochemistry**  
*3 Credits  Weekly (3-3-0)*  
This course provides an introduction to the interdisciplinary science of geochemistry. The first part of the course examines our home planet from a geochemical perspective and includes formation of the Earth and our solar system, the origin of the elements and their distribution within the Earth, and evolution of the crust, mantle and core. An introduction to the essential geochemical tools of thermodynamics and kinetics, isotope geochemistry and trace element geochemistry is also provided. The second part of the course examines the geochemistry of igneous, sedimentary and metamorphic rocks and covers topics as diverse as the melting and crystallization of rocks to the contamination of our water supplies and the stability of carbonates in our oceans.  
*Note:* Credit can only be obtained in one of CHEM 320 or EASC 320.  
*Prerequisites:* A minimum grade of C- in EASC 219 and in CHEM 241 or CHEM 242.

**CHEM-322 Introduction to Biogeochemistry**  
*3 Credits  Weekly (3-3-0)*  
Biogeochemistry is the study of the chemical, physical, geological, and biological processes and reactions that govern planet Earth. This course provides an introduction to the discipline, focusing on the exchange of energy and elements between the biosphere and the geosphere. The fundamental components of the Earth’s system are examined, including the atmosphere, hydrosphere, biosphere, and geosphere, alongside their evolutionary histories and linkages. Topics include the principle biogeochemical cycles, such as the carbon, sulfur, and nitrogen cycles, and their histories. These cycles are assessed in the context of recent environmental and climate change driven by anthropogenic activities. This course incorporates a multitude of disciplines, spanning geology, chemistry, biology, and environmental science.  
*Prerequisites:* A minimum grade of C- in CHEM 232, CHEM 261 or CHEM 270, and in EASC 226, EASC 270 or EASC 271.  
*Note:* Credit cannot be obtained in both CHEM 322 and EASC 322.

**CHEM-333 Organometallic Chemistry**  
*3 Credits  Weekly (3-3-0)*  
This course surveys the basic principles of the organometallic chemistry as they apply to metals of the d-block elements and main group metals. Topics include a survey of ligands and coordination chemistry/geometry of transition metals and main group metals. The properties and reactions of organometallic complexes, and applications of organotransition metal compounds in catalysis, organic synthesis, bioinorganic chemistry and medicinal chemistry are reviewed.  
*Prerequisites:* A minimum grade of C- in CHEM 232 and CHEM 263.

**CHEM-341 Structural Bioinformatics**  
*3 Credits  Weekly (3-3-0)*  
This course covers three introductory topics of the broad field that bioinformatics comprises today: (i) structural databases, sequence analysis and comparison; (ii) computer simulations; and (iii) prediction of the structure and function of proteins, and their hierarchical classification. Students use computer- and web-based tools to: (i) retrieve, render and visualize the three-dimensional structure of proteins, nucleic acids and their complexes; (ii) perform pairwise and multiple alignments of polynucleotide and polypeptide sequences to find similarities and homologies; and (iii) build three-dimensional models of the structure of a protein from its sequence by means of threading, homology modelling, and molecular dynamics simulation.  
*Prerequisites:* A minimum grade of C- in CHEM 241 or in PHYS 250.

**CHEM-342 Materials Chemistry**  
*3 Credits  Weekly (3-3-0)*  
This course is about the relationships among processing, structure, properties, performance, applications and sustainability of materials. It covers the materials classed as metal alloys, crystals, glasses, ceramics, plastics and composites. It examines the structural assembling of materials at the macroscopic, microscopic, nanoscopic and atomistic scales of size. The interatomic and intermolecular bonding at play in the assembling of such structures is analyzed. How mechanical, optical, electrical, surface, bonding and catalytic properties arise from the structural assemblage is discussed. Emphasis is placed on the methods of processing chemical substances to manufacture materials with desired structure and properties, as well as on integration of materials in technological devices.  
*Prerequisites:* A minimum grade of C- in CHEM 241 or CHEM 242, or in CHEM 102 and PHYS 224.
CHEM-353
Advanced Forensic Chemistry
3 Credits  Weekly (3-2-0)
This course examines the theory and practice of forensic chemistry. The structure and function of forensic chemistry laboratory services and the key issues of cross-contamination and laboratory quality control and quality assurance will be examined. The course will focus on chemical analytical techniques used for the detection, identification, and comparison of forensic evidence such as illicit drugs, poisons, gunshot residues, fire accelerants, and explosives. The theory of a variety of analytical techniques along with their scope and limitations is embedded in this discussion. The practical application of these techniques is considered with reference to appropriate examples and forensic case studies. This is further reinforced in the laboratory, where students will gain hands-on experience in the use of a range of analytical techniques for the investigation of simulated crime scenarios.
Prerequisites: Minimum grade of C– in CHEM 261, and in either CHEM 213 or CHEM 252.

CHEM-362
Advanced Organic Chemistry
3 Credits  Weekly (3-3-0)
This course is designed to build upon the concepts introduced in Chemistry 261 and Chemistry 263, offering a more advanced and sophisticated insight into the physical properties and chemical reactions of organic compounds. A focal point will be the chemistry of carbonyl compounds. Mechanistic and multistep synthesis approaches will be emphasized.
Prerequisites: Minimum grade of C– in CHEM 263.

CHEM-364
Introduction to Medicinal Chemistry
3 Credits  Weekly (3-0-0)
Students will be introduced to pharmaceutical drug discovery and the pivotal role played by chemistry. The principles and processes involved in modern drug design and development are presented and, throughout, are emphasized by reference to compounds in current clinical usage. Particular emphasis is placed on cancer therapeutics and antiviral agents. Recent advances in the use of computational and combinatorial chemistry in drug design are discussed.
Prerequisites: Minimum grade of C– in CHEM 261.

CHEM-370
Advanced Environmental Chemistry
3 Credits  Weekly (3-2-0)
This course presents an advanced study of anthropogenic pollutants in the environment. Fate and transport processes of legacy and emerging anthropogenic pollutants are discussed on both a local and global scale. Important physio-chemical processes are discussed, including partitioning, hydrolysis, photolysis and biotransformation. Modern environmental techniques used to determine sources of pollutants in the environment, including stable isotope analysis, chemical fingerprinting, and transport modelling are also covered. In the laboratory, students gain hands-on experience with the techniques used to determine the environmental fates of pollutants via investigations of their physio-chemical properties.
Prerequisites: Minimum grade of C– in CHEM 261, and in either CHEM 213 or CHEM 270.

CHEM-380
Process and Flow Chemistry
3 Credits  Weekly (3-3-0)
This course provides an introduction and training in the different types of chemical and physical methods, and equipment that may be employed in process and flow chemistry. The use and installation of process analytical technology/chemistry is also explored. On-line and in-line monitoring of chemical processes is strongly emphasized, both in the lecture and the laboratory environment.
Prerequisites: A minimum grade of C– in CHEM 211 and CHEM 263.

CHEM-398
Independent Study
3 Credits  Total (0-0-72)
This course permits an intermediate-level student to work with a faculty member to explore a specific topic in depth through research or through directed reading in primary and secondary sources. The student plans, executes and reports the results of their research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

CHEM-410
Industrial Chemistry
3 Credits  Weekly (3-0-0)
An introduction to the principles and practice of industrial chemistry with a special emphasis on modern and emerging processes. Selected industrial processes will be discussed, such as production of primary petrochemicals and their associated secondary products, including plastics, pharmaceuticals, dyes, perfumes, and pesticides. Plant design, catalysis, and pollution control will be emphasized, with insights from the principles of green and environmental chemistry. This course will include presentations by industrial chemists, and optional tours of chemical plants and industrial laboratories.
Prerequisites: A minimum grade of C– in any 300-level CHEM course.

CHEM-441
Molecular Modelling
3 Credits  Weekly (3-3-0)
This introduction to molecular modelling deals with the application of quantum mechanical methods to compute structural models, molecular and bulk properties of matter, and the mechanisms by which molecules interact and react. Students use up-to-date software to build, render and visualize molecular structures generated with wave function and density functional methods; to compute molecular properties and spectra of substances; to design reaction mechanisms of uncatalyzed and catalyzed reactions, and to compute their associated rate constants. Students devise structural and computational models for acid-base, redox, enzyme and surface reactions relevant to life, environment and technology.
Prerequisites: A minimum grade of C– in CHEM 341.
COURSE DESCRIPTIONS

CHEM-495
Special Topics
3 Credits Weekly (0-o-3)
This course involves reading, discussing and critically evaluating current research on specialized topics in chemistry. Topics covered vary with the interests of students and faculty. Students should consult with faculty members in the Department of Physical Sciences for details regarding current offerings.

Note: This course is intended for students in the final year of their degree. This course may be taken up to two times for credit.

Prerequisites: A minimum grade of B- in a 300-level chemistry course and permission of the department.

CHEM-498
Advanced Independent Study
3 Credits Total (0-0-72)
This course permits a senior-level student to work with a faculty member to explore a specific topic in depth through research or through directed reading in primary and secondary sources. The student plans, executes and reports the results of their research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

CHIN-101
Introductory Chinese I
3 Credits Weekly (5-o-0)
This introductory course is for students with little or no background in Mandarin Chinese. It introduces the four tones and the sounds of Mandarin, an introductory series of sentence patterns and grammatical concepts, as well as a basic comparison between Mandarin and English. The four language skills of oral/aural comprehension, speaking, reading and writing are emphasized. In addition, students learn approximately 175 characters, and become acquainted with some general aspects of Chinese culture in Chinese speaking countries.

Note: Students with native or near-native proficiency in Mandarin Chinese or any of the regional dialects of Chinese cannot take this course. Heritage speakers must consult the department prior to registration.

Prerequisites: A minimum grade of C- in CHIN 102.

CHIN-102
Introductory Chinese II
3 Credits Weekly (5-o-0)
This course is a continuation of CHIN 101. Students continue to acquire the four language skills of oral/aural comprehension, speaking, reading and writing in Mandarin Chinese and broaden their cultural knowledge of the Chinese-speaking world. An additional 200 characters will be learned, and a more challenging set of introductory grammatical structure built upon the structures and forms acquired in CHIN 101 will be introduced.

Note: Students with native or near-native proficiency in Mandarin Chinese or any of the regional dialects of Chinese cannot take this course. Heritage speakers must consult the department prior to registration.

Prerequisites: A minimum grade of C- in CHIN 101.

CHIN-201
Introductory Chinese III
3 Credits Weekly (5-o-0)
This course is designed for students who have completed CHIN 102 or equivalent. Students further develop their oral/aural comprehension skills at the intermediate level of Mandarin Chinese. As well, they continue to develop reading and writing skills with approximately 200 characters. In addition, students continue to improve their understanding of various aspects of Chinese culture.

Note: Students with native proficiency in Mandarin Chinese or any of the regional dialects of Chinese cannot take this course. Heritage speakers must consult the department prior to registration.

Prerequisites: A minimum grade of C- in CHIN 102.

CHIN-202
Introductory Chinese IV
3 Credits Weekly (5-o-0)
This course is a continuation of CHIN 201. Students gain further fluency in oral/aural comprehension at the intermediate level of Mandarin Chinese, as well as continue to develop reading and writing skills of approximately 350 characters. In addition, students continue to improve their understanding of various aspects of Chinese culture.

Note: Students with native proficiency in Mandarin Chinese or any of the regional dialects of Chinese cannot take this course. Heritage speaker must consult the department prior to registration.

Prerequisites: Minimum grade of C- in CHIN 201.

CHME-103
Introductory University Chemistry I for Engineers
4.3 Credits Total (60-18-0)
This course serves as a foundation for all subsequent chemistry courses. Atomic properties as they relate to the periodic table are considered, along with quantum mechanics for hydrogen-like orbitals and electron configurations. The course provides an introduction to bonding theories as they apply to the stability, molecular geometry and intermolecular interactions of atomic, ionic and molecular species. Topics include chemical nomenclature, stoichiometry, classification of chemical reactivity, gases (both ideal and real) and thermochemistry.

Note: Credit may be obtained in only one of CHEM 101 or CHME 103.

Prerequisites: Chemistry 30.
CHME-105
Introductory University Chemistry II for Engineers
3.8 Credits  Total (60-18-0)
This course emphasizes the importance of chemical equilibrium as it applies to gases, acids and bases, solubility and precipitation reactions and complex ion formation. Also studied are kinetics (rates of reactions, differential and integrated rate laws, the Arrhenius equation), catalysts, thermodynamics (spontaneity, entropy, free energy), and electrochemistry (balancing redox reactions, calculating standard and non-standard cell potentials), with emphasis on some practical applications related to batteries, corrosion and industrial processes. A special topic, selected by the instructor, is covered if time permits. **Note:** Credit may only be obtained in one of CHEM 102 or CHME 105.

CLAS-101
Approaches to the Ancient Mediterranean World
3 Credits  Weekly (3-0-0)
This course introduces students to the study of ancient, classical history. Students learn and practice the processes of interpreting texts, monuments, and artifacts from the ancient Mediterranean and Mesopotamian worlds. The course includes elements of ancient history, textual criticism/literary analysis, and art criticism/art history. The course focuses on seminal events in Greek and Roman history, with attention also paid to major events and themes in Mesopotamia and the Mediterranean as a whole. By focusing on specific problems connected with these events, students develop skills in interpreting different types of ancient sources and analyzing historical processes.

CLAS-102
Greek and Roman Mythology
3 Credits  Weekly (3-0-0)
In this survey course, students learn the most significant myths and sagas of Greece and Rome. Selected readings from ancient literature and illustrations from Classical art emphasize the cultural, historical, and religious contexts of the myths within ancient society. The continuing influences of the myths as a source of inspiration for some of the major themes in Western art and culture are discussed. The course also examines ancient and modern theories and interpretations of the myths.

CLAS-110
Early World History
3 Credits  Weekly (3-0-0)
In this survey course, students learn world history from the beginning of written records through to the end of the sixth century AD. The course covers the emergence and development of civilizations in the Near East, Persia, India, China and the Mediterranean, with particular emphasis on Egypt, Greece, and Rome. Students are introduced to the major events of Greek and Roman history, and they compare developments in Greek and Roman civilizations with those in the Near East, Persia, India and China.

CLAS-200
Classics and Film: Classical Reception in the Cinema
3 Credits  Weekly (3-0-0)
This lecture course uses Classics-themed films to explore the literature and history of the Classical Period. By analyzing cinematographic interpretations of the ancient world, students examine on a critical level canonical myths, literature, and historical events/figures in their original contexts as well as modern assessments and interpretations of their themes and significance. The course analyzes three to five films.

CLAS-210
Survey of Greek and Roman History
3 Credits  Weekly (3-0-0)
In this course, students study the major events, figures, and trends in Greek and Roman history. The course surveys ancient history between the eighth century BC and the fourth century AD.

CLAS-221
Literature of Greece and Rome
3 Credits  Weekly (3-0-0)
This intermediate survey course introduces students to the detailed study of major works from Greek and Latin literature in English translation. Students read and interpret epic poems, prose, lyric poetry and dramatic plays in their cultural, historical and literary contexts. Students are introduced to the general moral, aesthetic and social values of the Greeks and Romans through their literature.

CLAS-233
Greek and Roman Religion
3 Credits  Weekly (3-0-0)
This course is one of several new 200-level courses which are being created in Classics to facilitate a more effective rotation of second year courses. This course in particular addresses a gap in the Classics curriculum: Classics 333 (Ancient Religion) is currently taught as a topics course, with the theme and focus of the course varying from offering to offering. CLAS 233 will serve as a survey course, allowing the instructor of CLAS 333 to focus the topics more narrowly.

CLAS-252
Ancient Art and Architecture
3 Credits  Weekly (3-0-0)
This course surveys the most important artworks and architectural monuments created in Greece and Rome. Through the evidence of archaeological finds, students study the earliest examples of art in sculpture, pottery and painting as well as the beginnings of urban and monumental architecture in Greece. Students examine the development of these and innovations upon these in the Roman and Byzantine periods. They also consider the legacy of ancient art and architecture on western civilization.

CLAS-261
Women in the Ancient World
3 Credits  Weekly (3-0-0)
This course surveys the changing status of women in the Graeco-Roman world, ranging historically from the second millennium BC to the fourth century AD. Students examine the portrayals of women in literary and historical documents to assess women’s roles in family life, marriage customs, religious cults, and legal problems. Students analyze the abundant representations of women by men and the few surviving representations of women by other women in literary, epigraphic and artistic evidence.

CLAS-270
Greek Civilization
3 Credits  Weekly (3-0-0)
This course is an introduction to Greek cultural history illustrated by reference to contemporaneous literature and artefacts, as well as archaeological discoveries. Students study the origins of Greek culture in the Bronze Age and its development through the Archaic and Classical Periods, especially in fifth-century Athens. Students also consider the effects of Alexander the Great’s campaigns on Greek culture during the Hellenistic Period.
CLAS-271  
Roman Civilization  
3 Credits  
Weekly (3-0-0)  
This course is an introduction to Roman cultural history illustrated by reference to contemporary literature and artefacts, as well as archaeological discoveries. Students study the origins of Roman culture in Bronze Age Italy and its growth through the first millennium BC. Students also consider the rise and fall of the Roman Empire.

CLAS-272  
Byzantine Civilization  
3 Credits  
Weekly (3-0-0)  
This course is an introduction to the culture, literature, art and history of the Byzantine (or Eastern Roman) Empire, during the period from the foundation of Constantinople in AD 324 to the Ottoman conquest of the city in AD 1453. Topics covered include government, family, religion, law, education, philosophy and entertainment; all presented in their historical context. Students also consider Byzantine literature, history and art, and the role of Byzantine scholars, artists and rulers in preserving many of the cultural achievements of the Greeks and Romans through the barbarian invasions which put an end to the Roman Empire in the west in AD 476.

CLAS-305  
Comparative Mythology  
3 Credits  
Weekly (3-0-0)  
In this course, students compare Greek and Roman mythology to other world mythologies such as Norse or Native American myth. One or more bodies of mythology are selected for particular attention in each offering of the course. Students identify the common features shared by different bodies of myth, as well as important differences and their significance. Students also examine a number of explanatory theories of myth and their application to specific problems.  
Prerequisites: Minimum grade of C- in CLAS 102.

CLAS-314  
Topics in Ancient Greek History  
3 Credits  
Weekly (3-0-0)  
This course explores themes and trends in the history of ancient Greece from the Mycenaean age to the Roman imperial period. Each offering of the course concentrates on a specific theme, process, or period, and varies from year to year. Students analyze problems and questions in Greek social, political, and/or cultural history on the basis of primary and secondary source material.  
Prerequisites: Minimum grade of C- in CLAS 110 or 210.

CLAS-315  
Topics in Roman History  
3 Credits  
Weekly (3-0-0)  
This course explores themes and trends in the history of ancient Rome from the republican period to the late empire. Each offering of the course concentrates on a specific theme, process, or period, and varies from year to year. Students analyze problems and questions in Roman social, political, and/or cultural history on the basis of primary and secondary source material.  
Prerequisites: Minimum grade of C- in CLAS 110 or 210.

CLAS-320  
Greek Literature in Translation  
3 Credits  
Weekly (3-0-0)  
This course discusses Greek verse and prose in the era from Homer to late antiquity. Each offering of the course concentrates on a specific significant genre, theme, or period and varies from year to year. Students examine the works read in their social, cultural, intellectual, and historical contexts, and apply various theoretical and comparative models to the texts.  
Prerequisites: Minimum grade of C- in CLAS 221 or CLAS 270.

CLAS-321  
Latin Literature in Translation  
3 Credits  
Weekly (3-0-0)  
This course discusses Latin verse and prose from the Republic to late antiquity. Each offering of the course concentrates on a specific significant genre, theme, or period chosen at the instructor’s discretion. Students examine the works read in their social, cultural, intellectual, and historical contexts, and apply various theoretical and comparative models to the texts.  
Prerequisites: Minimum grade of C- in CLAS 221 or CLAS 271.

CLAS-333  
Greek and Roman Religion  
3 Credits  
Weekly (3-0-0)  
In this course students analyze the roles and functions of religious beliefs and cult practices in Greek and Roman society. The course integrates literary evidence, artwork and archeological material to examine the influence of religion on social, cultural and intellectual life in Greece and Rome. Students study the role of temples, sanctuaries, priesthoods, festivals, sacrifices and rituals in social and political life. The course also discusses personal religion in the ancient world in the form of mystery cults.  
Prerequisites: Minimum grade of C- in CLAS 102, CLAS 270 or CLAS 271.

CLAS-352  
Art and Architecture of Periclean Athens  
3 Credits  
Weekly (3-0-0)  
This course examines the art and architecture of fifth century Athens. Students consider the role of Pericles in shaping the appearance and idea of Athens, situating the material remains of the Periclean Age in their historical, social and cultural contexts. Students also study the role of Athenian art and architecture in shaping the perception of Athens by other Greek and non-Greek cities in the fifth century BC and later.  
Prerequisites: Minimum grade of C- in CLAS 252 or CLAS 270.

CLAS-353  
Art and Architecture of Augustan Rome  
3 Credits  
Weekly (3-0-0)  
This course examines the artistic, religious and historical trends of ancient Rome during the Augustan Age as manifested in the art and architectural monuments of the city and empire. Students consider Augustus’ use of architectural and cultural patronage to shape public perceptions of political change. Students also examine primary literature in order to understand the social and cultural milieu of the late Roman Republic and early Roman Empire. Students with credit in CLAS 354 cannot receive credit in CLAS 353.  
Prerequisites: Minimum grade of C- in CLAS 252 or CLAS 271.
COURSE DESCRIPTIONS

**CLAS-355**
*Life and Culture in Ancient Rome*

*6 Credits*  
Total (10-80-0)

In this senior-level course, students study Roman society, history and culture in Rome. Students read accounts of Rome, its art and its architecture, and study the archaeological remains of the ancient city, from a historical, cultural and architectural perspective. Students examine sites and monuments from three distinct phases of Roman history: the Republican period, the early Empire and the Christian empire. The course runs for 21 days in Rome, during which the students attend lectures of two professors in situ. **Note:** Tuition and fees for this course cover the expenses of room and board; students are responsible for their own airfares.  
**Prerequisites:** Consent of the Department. Students with credit in CLAS 110, CLAS 252 or CLAS 271 will be given preference.

**CLAS-356**
*Myth in Classical Art*

*3 Credits*  
Weekly (3-0-0)

This course explores the telling and use of myth in the visual art of ancient Greece and Rome. Students examine various art forms that serve as visual narratives, including pottery, sculpture, and coin types, among others. Students also explore political and ideological uses (and re-uses) of myth in art and the ways in which the artistic exposition of particular myths changed throughout Classical Antiquity.  
**Prerequisites:** Minimum grade of C- in CLAS 102 or CLAS 252.

**CLAS-361**
*Ancient Family*

*3 Credits*  
Weekly (3-0-0)

This senior level course in ancient social history focuses on in-depth analysis of the ancient Greek and Roman families in their historical and cultural contexts. Students consider the Graeco-Roman family in comparison to Near Eastern and Egyptian antecedents. The nuclear and extended families are emphasized, as are interventions in the family through law.  
**Prerequisites:** Minimum grade of C- in any 100- or 200-level classics course.

**CLAS-398**
*Independent Study*

*3 Credits*  
Total (0-0-45)

This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

**CLAS-498**
*Advanced Independent Study*

*3 Credits*  
Total (0-0-45)

This course permits a senior-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

**CLTR-103**
*Culture and Thought in China and Japan*

*1 Credit*  
Weekly (1-0-0)

Students examine the philosophical foundation of the dominant cultures in China and Japan. Students study the influence of these philosophies on linguistic structure, religion, organizations, social environment and rules governing people's behaviour. Students also learn the impact of the philosophical ways of thinking on business management and organizational behaviour.

**CMPT-101**
*Introduction to Computing I*

*3 Credits*  
Weekly (3-3-0)

This course provides a breadth-first introductory treatment of concepts in computing science for students with little or no programming background. Topics include data representation, machine architecture, and operating systems; algorithms, their properties, and the control constructs of sequence, selection and repetition; and the notions of data type and operations on data types in low-level and high-level programming languages. Students do introductory programming for a portion of the course. **Note:** Students with no previous computing experience should enroll in CMPT 101 instead of CMPT 103. Credit cannot be obtained for CMPT 101 if credit has already been granted for CMPT 103.

**CMPT-103**
*Introduction to Computing II*

*3 Credits*  
Weekly (3-3-0)

This course continues the overview of computing science concepts that was started in CMPT 101. Topics include representation of compound data using abstraction, programming languages, and modularity; algorithms that use these data structures; and networks with the TCP/IP model and client/server architecture. Students continue with the syntax of a high-level programming language: functions, arrays, and user-defined data types. **Note:** Credit can only be obtained in one of CMPT 103 or CMPT 114.  
**Prerequisites:** Minimum grade of C- in CMPT 101 or three credits of intermediate CSE including CSE 2120.

**CMPT-104**
*Fluency with Information Technology*

*3 Credits*  
Weekly (3-0-0)

This course introduces fundamental computational concepts. While some specific productivity software is covered, this is not a computer literacy course. The emphasis is on the concepts that underlie today's information infrastructure. Topics include abstraction, data representation and analysis, algorithms and algorithmic thinking, the Internet, and security.
CMPT-114
Introduction to Computing Science
3 Credits
Weekly (3-3-0)
This course is an introduction to solving computing science problems by writing computer programs in a high-level language call Java. Students are introduced to objects and values, messages and methods, control structures, and simple containers. There is a discussion of elementary algorithms and software engineering techniques for constructing elegant and robust solutions to problems. Note: Credit can only be obtained in one of CMPT 114 or CMPT 103. Students with no previous computing experience should register in CMPT 101 before CMPT 114. Prerequisites: MATH 030P or MATH 30-1.

CMPT-115
Programming with Data Structures
3 Credits
Weekly (3-3-0)
This course is a study of dynamic data structures (e.g., sets, lists, stacks, queues, trees, and dictionaries) and their associated algorithms (e.g., traversal, sorting, searching, element addition and removal) using Java. It includes an introduction to recursive references and algorithms as well as more advanced programming language techniques, including inheritance and exceptions. Note: Credit can only be obtained in one of CMPT 115 or CMPT 200. Prerequisites: Minimum grade of C- in CMPT 114.

CMPT-157
Introduction to Computing for Business
3 Credits
Weekly (3-3-0)
This course provides an overview of management information systems (MIS) and introduces students to applications of technology within a business context. These applications include database processing, e-commerce, and decision support systems. Social, legal, and ethical issues are considered. The laboratory component has the student making use of Excel and Access to support business processes and decisions. Note: Restricted to students in the Bachelor of Commerce and Asia Pacific Management programs.

CMPT-200
Data Structures and Their Algorithms
3 Credits
Weekly (3-3-0)
This course continues the study of dynamic data structures (e.g., lists, stacks, queues, trees, and dictionaries) and associated algorithms (e.g. traversal, sorting, searching, element addition and removal). Recursion is covered and some of the basic ideas of object-oriented programming, such as classes and objects, are introduced. Basic paradigms in program design and software engineering are discussed. In addition to the implementation of these data structures, the laboratory introduces the student to a Unix-like development environment. Note: Credit can only be obtained in one of CMPT 115 or CMPT 200. Prerequisites: Minimum grade of C- in CMPT 103 or a minimum grade of C- in both CMPT 101 and CMPT 114.

CMPT-201
Practical Programming Methodology
3 Credits
Weekly (3-3-0)
This course provides an introduction to the principles, methods, tools, and practices of the professional programmer. The lectures focus on best practices in software development and the fundamental principles of software engineering. The laboratories offer an intensive apprenticeship to the aspiring software developer. Students use C and the software development tools of the UNIX environment. Prerequisites: Minimum grade of C- in CMPT 200.

CMPT-204
Algorithms I
3 Credits
Weekly (3-0-1)
This is a first course on algorithm design and analysis with an emphasis on fundamentals of searching, sorting and graph algorithms. Examples of methodologies considered include divide and conquer, dynamic programming, and greedy methods, together with analysis techniques to estimate program efficiency. Prerequisites: Minimum grade of C- in CMPT 200 and in CMPT 272 or MATH 200 and in MATH 113 or MATH 114. Note: CMPT 272 is preferred to MATH 200.

CMPT-220
Unix, Scripting, and Other Tools
3 Credits
Weekly (3-2-0)
The student is introduced to a Unix-like operating system along with some of its important design features, such as processes, pipes, and the I/O model. Some of the basic tools and methodologies are discussed, including shell scripts, editors, and standard utilities. Various open source tools are surveyed. Prerequisites: Minimum grade of C- in CMPT 200.

CMPT-229
Computer Organization and Architecture
3 Credits
Weekly (3-3-0)
This course provides a general introduction to number representation, the architecture and organization concepts of von Neumann machines, assembly level programming, exception handling, peripheral programming, floating point computations, and memory management. Prerequisites: Minimum grade of C- in CMPT 200.

CMPT-230
Introduction to Computer Games
3 Credits
Weekly (3-0-0)
This course is an introduction to various aspects of computer game design and marketing. It focuses on the history of computer games, computer game markets, evaluation of computer games, creation and testing of interactive narratives, and game interface design. The course includes a final capstone design for an interactive (narrative) game. Note: This course has a significant writing component; students are advised to take ENGL 102 (or equivalent) prior to taking this course. Prerequisites: Minimum grade of C- in any CMPT or ENGL course or in either PSYC 104 or PSYC 105.
CMPT-250
Introduction to Human Computer Interaction
3 Credits  Weekly (3-2-0)
This course introduces students to the basic components of the interaction design process. Effective user interaction design emphasizes the importance of good interfaces and the relationship of user interface design to human-computer interaction (HCI). The concept of interaction is introduced with a focus on the centrality of the user in HCI. Other topics include interface and interaction types, data gathering and analysis to understand and solve the design problem; design requirements, prototyping and usability testing. The lab allows the students to apply the concepts, tools and methods, discussed in lecture, towards the major course project. Note: In addition to the prerequisite, it is recommended that students taking this course have completed an additional computing science course or an introductory course in psychology, sociology, or anthropology.
Prerequisites: Minimum grade of C- in CMPT 101 or CMPT 103 or CMPT 114.

CMPT-272
Formal Systems and Logic in Computing Science
3 Credits  Weekly (3-2-1)
This course provides an introduction to the tools of set theory, logic, and induction, and their use in the practice of reasoning about algorithms and programs. Topics include basic set theory, the notion of a function, counting, propositional and predicate logic and their proof systems, and inductive definitions and proofs by induction.
Prerequisites: A minimum grade of C- in CMPT 101 or CMPT 103 or CMPT 200 and a minimum grade of C- in MATH 114 and C- in MATH 120 or MATH 125.

CMPT-280
Introduction to Computer Security
3 Credits  Weekly (3-1-0)
Students are introduced to computer and network security and the underlying concepts of confidentiality, integrity, and availability. Topics include common cyberattacks, identifying vulnerabilities and defending against attacks, and approaches to creating secure systems. Students also work with some of the tools available to security administrators.
Prerequisites: Minimum grade of C- in CMPT 200.

CMPT-291
Introduction to File and Database Management
3 Credits  Weekly (3-3-0)
The course covers basic concepts in computer data organization and information processing, the entity-relationship model, the relational model, SQL, and other relational query languages. Other topics include storage architecture, physical organization of data, and access methods for relational data.
Prerequisites: A minimum grade of C- in CMPT 200.

CMPT-305
Introduction to Object-Oriented Programming
3 Credits  Weekly (3-3-0)
In this course, students study the object-oriented programming (OOP) paradigm. The components of object-oriented programming are encapsulation, inheritance, and polymorphism. Students use some of the well established design patterns that recur in many non-trivial software systems. The last component of this course is event-driven programming. Note: Credit in CMPT 250 is recommended but not required.
Prerequisites: Minimum grade of C- in CMPT 201.

CMPT-306
Non-Procedural Programming Languages
3 Credits  Weekly (3-3-0)
This course examines various programming languages other than the standard third generation languages such as C++ and Java. This course considers a functional language (Lisp) and a logic language (Prolog). The underlying theories of lambda calculus (Lisp) and predicate logic (Prolog) are also studied. A limited number of applications to Artificial Intelligence are considered for both languages. This course also may examine additional interpreted languages.
Prerequisites: Minimum grade of C- in CMPT 200 and CMPT 272.

CMPT-310
Computers and Society
3 Credits  Weekly (3-0-0)
This hybrid course explores the social, legal and ethical issues arising in the wake of computer technology, especially those concerning self, community, environment, education, work and democracy. Topics include cyberethics; freedom and information; privacy and security; intellectual property; information technology and the future; social responsibility. Note: This is a third year course. It is recommended that students taking this course have at least 48 earned credits in their program of study.
Prerequisites: Minimum grade of C- in any 200-level course.

CMPT-311
Phenomenon of Technology
3 Credits  Weekly (3-0-0)
This hybrid course explores the role and significance of technology in our daily lives through a variety of theoretical and research frameworks and methods, including media ecology, phenomenology, STS (science, technology and society) studies, and human-computer interaction research.
Prerequisites: Minimum grade of C- in any 200-level course. Note: this is a third year course. It is recommended that students taking this course have at least 48 credits in their program of study.

CMPT-315
Web Application Development
3 Credits  Weekly (3-3-0)
This course introduces various technologies in web programming. It requires students to work both individually and collaboratively to design and develop interactive web-based applications. Students learn both client- and server-side programming, database programming, and basic security concepts and testing.
Prerequisites: Minimum grade of C- in CMPT 291 and CMPT 305.
CMPT-250
Introduction to Real Time Gaming
3 Credits  Weekly (3-3-0)
This course introduces the basic concepts of 2D and 2½D game writing. Students learn the techniques to handle 2D sprite animation, 2D and 2½D layout, collision detection, timer-based object motion as well as the basics of human computer interface as it applies to this style of computer games. Students are also introduced to some simple methods for creating sprite artificial intelligence in this style of game. Students are expected to create several small games over the term as well as produce a major project by term end.
Prerequisites: Minimum grade of C- in CMPT 230 and CMPT 201.

CMPT-340
Introduction to Numerical Methods
3 Credits  Weekly (3-3-1)
This course provides an overview of computational methods for solving problems in linear algebra, non-linear equations, interpolation and approximation, and integration. Computer arithmetic and errors are discussed. The aim is to teach students the proper use of mathematical subroutine packages currently available in computer libraries.
Prerequisites: Minimum grade of C- in CMPT 200, MATH 120 and MATH 214.

CMPT-351
Human Computer Interaction: Usability
3 Credits  Weekly (3-3-0)
This course extends the theory and practice of usability introduced in CMPT 250 with a focus on the formal evaluation of user interfaces. Usability methodologies are applied to the practice of evaluating systems such as web sites, software applications, mobile technologies, or any user-operated device.
Prerequisites: Minimum grade of C+ in CMPT 250.

CMPT-355
Introduction to Artificial Intelligence
3 Credits  Weekly (3-3-0)
This course provides an introduction to Artificial Intelligence (AI). AI is the study of how human intelligence can be imitated by computer programs. The course presents a survey of the concepts and applications of AI - such as: intelligent agents, knowledge representation, state-space search, expert systems and shells, natural language processing, propositional logic, learning and cognitive models. Some of the AI techniques will be implemented using both procedural and non-procedural languages (Prolog and LISP).
Prerequisites: Minimum grade of C- in CMPT 201 and CMPT 272.

CMPT-360
Introduction to Operating Systems
3 Credits  Weekly (3-3-0)
This course introduces the fundamentals of operating systems. Topics include scheduling, memory management, concurrency, security and protection, device management, and file systems. The laboratory component involves both the investigation of these concepts in current operating systems as well as their design and implementation.
Prerequisites: Minimum grade of C- in CMPT 201.

CMPT-361
Introduction to Networks
3 Credits  Weekly (3-3-0)
This course introduces the basics of networking with a focus on computer networks. Topics include network architectures, protocols, client-server programming, security, and network management. A selection of material from data compression and decompression and multimedia data technologies are also discussed.
Prerequisites: Minimum grade of C- in CMPT 201.

CMPT-362
Operating Systems II
3 Credits  Weekly (3-3-0)
This course continues the study of operating systems introduced in CMPT 360. Topics include security and protection, device management, and file systems. The laboratory is oriented toward design and implementation of the concepts covered in the lecture.
Prerequisites: Minimum grade of C- in CMPT 201 and CMPT 360.

CMPT-364
Net Centric Computing II
3 Credits  Weekly (3-3-0)
This course continues the study of net centric computing introduced in CMPT 360. Topics include security, network management, data compression and decompression, and multimedia data technologies. The laboratory is oriented toward design and implementation of the concepts covered in the lecture.
Prerequisites: Minimum grade of C- in the following: CMPT 360, and CMPT 201 or CMPT 305, and CMPT 272 or MATH 200, and STAT 141 or STAT 151.

CMPT-370
Introduction to Computer Graphics
3 Credits  Weekly (3-3-0)
This course introduces students to many important principles and techniques that are useful for creating 2D and 3D computer graphics applications. This course provides students with sufficient background to write substantial computer graphics applications. Topics include coordinate systems, homogeneous transformations (rotating, translating, scaling), viewing, object modeling, texture mapped rendering, illumination, ray-tracing, hidden line and surface elimination. Other topics are camera control, collision detection and animation.
Note: It is recommended that students have MATH 120 or MATH 125.
Prerequisites: Minimum grade of C- in CMPT 201.
CMPT-380
Computer Systems Security
3 Credits
Weekly (3-3-0)
Students are introduced to the principles and practice of computer systems security and get hands on experience with relevant tools used by security professionals. Students also write programs to illustrate vulnerabilities and attacks such as: buffer overflow, SQL injection, cross site scripting and cross site request forgery. Topics include: host and application threats and hardening, storage security, virtualization, secure software development and web and mobile security.
Prerequisites: A minimum grade of C- in CMPT 280 and CMPT 360.

CMPT-385
Introduction to Database Concepts Using ACCESS
3 Credits
Weekly (3-3-0)
This course is an introduction to how databases are designed and tested. The course begins by familiarizing the student with entity-relationships (ER). In the implementation stage, the course shifts focus to converting designs into working ACCESS databases that use Visual Basic (VB) to enhance the functionality of the ACCESS database engine. Note: Credit can only be obtained in one of CMPT 385 or CMPT 291.
Prerequisites: Minimum grade of C- in CMPT 103 or CMPT 114 and minimum of C- in any 200-level CMPT.

CMPT-391
Database Management Systems
3 Credits
Weekly (3-3-0)
This is the second course in database management systems. Topics include database design, normalization theory, transaction management, query processing, and query optimization. Database support for special data types such as multimedia, spatial data, and XML documents is considered. Support for complex applications and data analysis is also covered.
Prerequisites: Minimum grade of C- in CMPT 291.

CMPT-395
Introduction to Software Engineering
3 Credits
Weekly (3-3-0)
This course is an introduction to the fundamental concepts of software engineering. Topics include software design and analysis, software process, requirements, design patterns and testing. Team management is considered in both the lecture and in the laboratory through the use of team projects.
Prerequisites: Minimum grade of C- in CMPT 305.

CMPT-399
Topics in Computer Science
3 Credits
Weekly (3-3-0)
In this course, students examine one or two topics in computer science. Topics will vary from year to year, but will typically build upon material students will have seen in the second year of their studies. Consultation with the department is required prior to registration. Note: This course may be taken multiple times for credit.
Prerequisites: Consent of the department.

CMPT-430
3D Game Development and Artificial Intelligence
3 Credits
Weekly (3-3-0)
Modern game engines provide basic components such as animation and physics but to create a good game, the developer needs to provide functionality beyond the basics. This course will focus on non-basic features such as camera control and game search/tracking heuristics. For the major project students will develop a portion of a game level using an existing commercial game engine. Note: CMPT 370 is recommended.
Prerequisites: Minimum grade of C- in both CMPT 330 and CMPT 395.

CMPT-450
Information Visualization
3 Credits
Weekly (3-3-0)
This course continues the examination of human-computer interaction (HCI) that was begun in CMPT 250, but with the emphasis moving to the design and implementation of interactive visualization systems. Topics include design principles in information visualization, abstraction of data and user tasks, visual encoding, interaction techniques, and visualization toolkits.
Prerequisites: Minimum grade of C- in CMPT 250 and CMPT 305.

CMPT-464
Wireless Networks and Embedded Systems
3 Credits
Weekly (3-3-0)
This course introduces selected topics in embedded systems and wireless networks. Topics include an introduction to embedded systems with an emphasis on microcontrollers, techniques for programming embedded systems, design for low-power applications, the basics of radio communication, and protocols for both medium access control and routing within static and mobile environments. The laboratory is oriented toward the design and implementation of lecture topics using wireless sensor network hardware.
Prerequisites: Minimum grade of C- in CMPT 395 and C in CMPT 201.

CMPT-480
Computer Network Security
3 Credits
Weekly (3-0-1)
Students are introduced to the principles and practice of computer networks security and get hand on experience with relevant tools used by security professionals. Students also write programs to illustrate vulnerabilities and attacks such as: packet spoofing, ARP poisoning and DNS cache poisoning. Topics include network threats, hardening and monitoring, internet service hardening and intrusion prevention and detection.
Prerequisites: A minimum grade of C- in CMPT 280 and CMPT 361.

CMPT-491
Datamining and Advanced Database Topics
3 Credits
Weekly (3-3-0)
In this course students will learn different topics in databases such as stored procedures and triggers, databases security, optimizing databases and queries. It also covers basic data mining intelligent tools such as association rules, classifications, clustering, and data warehousing. Information retrieval concepts are also included in this course.
Prerequisites: Minimum grade of C- in CMPT 291 and in a 300-level CMPT course.
CMPT-496
Final Project
3 Credits  Total (0-0-60)
In this course, students plan, conduct, and communicate the results of an independent project in Computer Science under the direction of a faculty supervisor. The project can be undertaken by an individual student or, if the scope warrants, by a team of students. Registration is contingent on the student(s) having made prior arrangements with a faculty member willing to supervise the project. **Note:** This course is intended for students in the final year of their degree. This course may be taken twice for credit. **Prerequisites:** Minimum grade of C- in CMPT 395 and consent of the department.

CMPT-498
Team Project
3 Credits  Total (0-0-60)
In this course, students plan, conduct and communicate the results of a team project in Computer Science under the direction of a faculty supervisor. Registration is contingent on the student team having made prior arrangements with a faculty member willing to supervise the project. **Note:** This course is intended for students in the final year of their degree. This course may be taken twice for credit. **Prerequisites:** Minimum grade of C- in CMPT 395 and consent of the department.

CMPT-499
Topics in Computer Science
3 Credits  Weekly (3-0-0)
In this course, students examine a topic of specialization in computer science. Topics will vary from year to year. Consultation with the department is required prior to registration. **Note:** This course may be taken multiple times for credit. **Prerequisites:** Consent of the department.

CMPS-011
Computers Level I
5 Credits  Weekly (0-7.5-0)
Computers Level I is a beginner level computer applications course. The purpose of this course is to provide students with the skills to use a word processing and a spreadsheet program. The emphasis is on skills that can be used in further studies such as preparing reports and essays and researching via the Internet. Students work with Microsoft Office (Word and Excel) in a Windows environment. Topics covered include: basic computer literacy, keyboarding skills, word processing, spreadsheets, email and Internet.

CMPS-015
Computers Level II
5 Credits  Weekly (0-7.5-0)
This course is intended to continue to develop the computer skills that a student needs in order to do his/her course work. Word processing skills are practiced in order to create simple and complex documents. Students learn to annotate and cite references using the MLA and APA formats. Spreadsheets are used to organize data and draw graphs. Internet activities focus on locating and retrieving information in various forms. The course uses e-mail, Internet Explorer, Windows and Microsoft Office components: PowerPoint, Word, Excel, and Access. The course includes 15 hours of lab time to complete projects. **Prerequisites:** CMPS 011 or a comparable range of experience.

COMP-102
World Literature to the 17th Century
3 Credits  Weekly (3-0-0)
This course focuses on analyzing and comparing major works of world literature from the early seventeenth century to the present. The course is a sequel to COMP 101. Students study plays, poems, novels, and stories written between the seventeenth century and the present by renowned international writers. **Note:** COMP 101/102 satisfy 6 literacy credits in the Bachelor of Arts Degree. **Prerequisites:** Minimum grade of C- in COMP 102.

COOP-290
Co-op Pre-employment Seminar
0 Credits  Weekly (0-0-1)
Students prepare for the work integrated learning (WIL) component of their program by focusing on cooperative education guidelines and requirements. Students prepare for their job search by writing employment related documents such as career plans, resumes and cover letters. Employment search techniques, networking strategies and interview skills are developed. In addition, students discuss workplace issues such as office protocol, professionalism, and conflict resolution. **Prerequisites or Co-requisites:** Acceptance in the COOP Stream.

COMPS-103
World Literature from the 17th Century to the Present
3 Credits  Weekly (3-0-0)
This course is a sequel to COMP 102. It focuses on analyzing and comparing major works of world literature from the early seventeenth century to the present. Using the skills and knowledge they have gained in COMP 102, students in COMP 103 explore plays, poems, novels, and stories written between the seventeenth century and the present by renowned international writers. **Note:** COMP 102/103 satisfy 6 literacy credits in the Bachelor of Arts Degree. **Prerequisites:** Minimum grade of C- in COMP 102.

COOP-295
Co-operative Education: First Work Experience
0 Credits  Total (0-0-480)
Students gain discipline-related practical work experience and investigate their chosen career. Students must perform a minimum of 480 work hours in a full-time job approved by the program. **Prerequisites:** COOP 290.

COOP-395
Co-operative Education: Second Work Experience
0 Credits  Total (0-0-480)
Students gain further discipline-related practical work experience and study workplace process in relation to their field. Students must perform a minimum of 480 work hours in a full-time job approved by the program. **Prerequisites:** COOP 295.
Co-Operative Education: Third Work Experience
0 Credits  Total (0-0-480)
Students gain further discipline-related practical work experience and apply academic knowledge in relation to their field. Students must perform a minimum of 480 work hours in a full-time job approved by the program. This course may be combined with a second work experience to form a two-term work experience with the same employer. Prerequisites: COOP 395.

CORR-100
Human Relations
3 Credits  Weekly (3-0-0)
The course assists students to become aware of the process of communication and the way in which it can be improved. Interpersonal communication skills are emphasized together with the awareness of self, the impact of self upon others and the relationship of these skills to the work of the corrections/criminal justice professional.

CORR-102
Foundations of Criminal Law
3 Credits  Weekly (3-0-0)
Students study criminal law as it relates to the function of the corrections/criminal justice worker. The origin and development of Canada’s legal system is examined, and students study current legislation including the Criminal Code, the Alberta Corrections Act, the Corrections and Conditional Release Act, the Youth Criminal Justice Act and the Canadian Charter of Rights and Freedoms. Particular attention is given to the Canadian judicial system.

CORR-104
Criminal Justice System
3 Credits  Weekly (3-0-0)
This course provides an overview of the criminal justice system as it operates in Canada, from the commission of a crime to the termination of the sentence given to an offender. Included is an examination of the police, courts and correctional programs, including probation, fine options, community service orders, conditional sentences, incarceration and conditional release. A review of criminal justice history and philosophy, with a particular focus on correctional practice, is presented.

CORR-110
Introductory Criminology
3 Credits  Weekly (3-0-0)
This is an introductory course in criminology that examines the development of criminological thought, theories of crime causation from varying perspectives, the concepts of crime and delinquent behaviour, the public understanding of and reaction to crime, and the methods by which crime is measured.

CORR-112
Correctional Interviewing
3 Credits  Weekly (3-0-0)
This course is aimed at increasing the student’s helping skills in order to work effectively in a corrections/criminal justice environment. Specific interviewing skills are taught including relationship building, active listening and attending, client observation and empathy. Assessment skills and information management/record keeping are also presented. Students have an opportunity to assess their own values and ethics within the context of the helping relationship.

CORR-114
Introduction to Field Placement
2 Credits  Weekly (0-0-7.5)
Field placements constitute the practical component of the program and they provide an opportunity for the integration of theory and practice. The purpose of the first year placement is to provide students with the opportunity to develop and demonstrate professional competencies based on the knowledge, skills and values learned in the program courses.

CORR-116
Integration Seminar I
1 Credit  Weekly (0-0-2)
Integration Seminar provides an opportunity for students to share their field placement experiences, to identify and discuss current issues and to apply and integrate course material with placement activities. Students focus on professional practice skills such as leadership, ethical decision making and advocacy. This seminar is taken concurrently with CORR 214 Field Placement II. Prerequisites: CORR 114. Co-requisites: CORR 214.

CORR-118
Introduction to Corrections
3 Credits  Weekly (3-0-0)
This course examines Canadian correctional systems, policies and practices including those provided by federal, provincial and non-governmental agencies. Topic areas include a brief history of corrections, differing perspectives on punishment and correctional intervention, community and prison based correctional programming, operational effectiveness and future trends in correctional policy and practice. International approaches to correctional programming are also presented.

CORR-120
Restorative Justice
3 Credits  Weekly (3-0-0)
Students explore and analyze the key principles and assumptions of restorative justice. The course contrasts restorative and retributive justice models, and provides an introduction to current and emerging practices in the Canadian criminal justice system including conferencing, victim/offender reconciliation programs, and mediation and peacemaking circles. International examples of alternative dispute resolution are also discussed.

CORR-202
Diversity Issues in Criminal Justice
3 Credits  Weekly (3-0-0)
In this course, students examine a range of diversity issues including, but not limited to, gender, language, religion and culture within the context of the Canadian criminal justice system. Particular emphasis is placed on Aboriginal history and cultural traditions. Students learn how to work respectfully and ethically with people from diverse backgrounds, and ways to incorporate this awareness into their professional practice.

CORR-206
Addiction in the Criminal Justice System
2 Credits  Weekly (2-0-0)
This course covers common psychoactive drugs, drug-use patterns, intervention strategies and current best practices in treatment and recovery. Students learn about key strategies in screening, assessment and referral, and concepts including prevention, health promotion and harm reduction. Changing political and social attitudes regarding addictions are also explored.
CORR-208
Selected Issues
3 Credits Weekly (3-0-0)
This course exposes students to theory and practice in established and emerging areas of Canadian corrections and criminal justice. Topics may include mental health/illness issues, gangs, victim advocacy and special needs offender populations including long term offenders, aging offenders, sex offenders and white collar criminals.

CORR-210
Correctional Methods and Practice
3 Credits Weekly (3-0-0)
This course provides students with an examination of the principles, values and effectiveness of correctional programming in both community and institutional settings. Case management strategies including investigation, classification, documentation, supervision and intervention are emphasized. The role and responsibility of the corrections/criminal justice professional are also presented and discussed. Case studies are employed to give students practical experience.

CORR-212
Correctional Counselling
4 Credits Weekly (4-0-0)
This course builds on the concepts and skills acquired in CORR 112 Correctional Interviewing. Using the case study method, students learn about and apply a variety of counselling methods and techniques including problem-solving, cognitive behavioural therapy, solution focused/motivational approaches and group counselling skills. As well, an overview of strategies to work effectively with special needs offender populations including youth, violent offenders and offenders with mental health issues is presented
Prerequisites: CORR 112.

CORR-214
Field Placement I
4 Credits Weekly (0-0-15)
Field placements constitute the practical component of the program, and provide the opportunity for the integration of theory and practice. The purpose of placements is to provide students, within the context of specific field settings, the opportunity to develop and demonstrate professional practice at an intermediate level based on the knowledge, skills and values taught in program courses. This placement is taken concurrently with CORR 116 Integration Seminar I.
Prerequisites: CORR 114.

CORR-216
Integration Seminar II
1 Credit Weekly (0-0-2)
Integration Seminar provides an opportunity for students to share their experiences in field placement, to identify and discuss current issues and to apply and integrate course material with placement activities. Students focus on professional practice skills and career development strategies such as job search techniques, resume preparation, interviews and networking. The seminar is taken concurrently with CORR 216 Field Placement III.
Prerequisites: CORR 214 and CORR 116.
Co-requisites: CORR 224.

CORR-218
Youth and Crime
3 Credits Weekly (3-0-0)
This course provides a study of the social and legal influences on young people involved in criminal behaviour. The emphasis is on a detailed explanation of the Youth Criminal Justice Act as well as an exploration of the role of the police, courts, correctional agencies and the community in responding to youth crime. International approaches to dealing with youth crime are also examined.

CORR-224
Field Placement II
4 Credits Weekly (0-0-15)
Field placements constitute the practical component of the program, and provide the opportunity for the integration of theory and practice. This placement is taken concurrently with CORR 216 Integration Seminar II. The purpose of placements is to provide students, within the context of specific field settings, the opportunity to develop and demonstrate advanced professional practice based on the knowledge, skills and values learned in program courses.
Prerequisites: CORR 214 and CORR 116.
Co-requisites: CORR 216.

COSL-300
Community Service Learning: Building Local Community
3 Credits Total (0-0-45)
The student, with discipline approval, engages in a community learning project or activity (on his/her own or as part of a team). Normally, this activity involves placement in an organization for 12-13 weeks. Any placement needs department approval. Course work involves preparation of an activity plan and identification of specific outcomes, the successful completion of the placement, and a critical analysis/demonstration of the learning accomplished.
Prerequisites: Third year standing and consent of the department.

COSL-301
Community Service Learning: Building Peaceful Communities
6 Credits Total (15-0-75)
This international community service learning course promotes meaningful student participation in community projects. Students from various degree programs participate in a week-long lecture and workshop component in Canada, followed by a three-week community service (volunteer) experience in an international setting. Utilizing skills from their disciplines, students prepare and implement a project within the larger framework of the community organization. Students engage in and lead a number of activities during the community service part of the course. Experiential learning strategies, actions and reflection, as a means to promote global citizenship, are at the heart of the course.
Prerequisites: Third year standing.
COURSE DESCRIPTIONS

CRWR-295
Introduction to Creative Writing
3 Credits Weekly (3-0-0)
This course introduces students to writing in three genres. Usually, these will be literary nonfiction, fiction, and poetry, but at the discretion of the instructor, play/screenwriting may substitute for one of these. Students build on the writing and analytical skills developed in first-year university English courses and learn about creative writing by both reading literature and attempting to write it. They analyze work by established writers, learn about the nature of creativity, and practice the craft of writing. They examine and employ common structures used by creative writers, learn and experience the fact that revision is the core of successful creative writing, and develop a broader understanding and appreciation for literature through their attempts to write it. **Note:** This course is restricted to students in degree programs. **Prerequisites:** Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

CRWR-394
Writing Character
3 Credits Weekly (3-0-0)
This creative writing course focuses on the importance and evocation of character and identity. By comparing character-driven literature, particularly that which features a “Prairie” or “Canadian” identity against international works, students examine the work of established writers known for their particular use of character, and learn how their own landscapes can be translated into evocative literature, how the seemingly mundane can be made exotic, just as the exotic can be made mundane. Students examine the history of setting in literature and the different ways it has been and is currently used: as scenery, atmosphere, character, metaphor, theme. By specifically exploring Prairie literature in the wider context of world literature, students examine the work of established writers known for their particular use of setting, and learn how their own landscapes can be translated into evocative literature, how the seemingly mundane can be made exotic, just as the exotic can be made mundane. **Prerequisites:** Minimum grade of C- in either ENGL 103 or in 6 credits of university English (not including ENGL 108 or ENGL 111).

CRWR-395
Writing Poetry
3 Credits Weekly (3-0-0)
English 395 is an introductory course in the art of writing poetry. Students are expected to read widely, to apply poetic theory to their own work, and to write poems in a variety of genres. This course is conducted as a workshop in which students’ original work is the basis for class discussion. It is recommended (though not required) that students take ENGL 295 before enrolling in this course. **Note:** Not to be taken by students with credit in the former English 294. **Prerequisites:** Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

CRWR-397
Writing a Sense of Place: Setting
3 Credits Weekly (3-0-0)
This creative writing course focuses on the importance of setting and the evocation of “place.” By comparing literature in which setting is central, particularly that set on the Prairies against international works, students examine the work of established writers known for their particular use of setting, and learn how their own landscapes can be translated into evocative literature, how the seemingly mundane can be made exotic, just as the exotic can be made mundane. Students examine the history of setting in literature and the different ways it has been and is currently used: as scenery, atmosphere, character, metaphor, theme. By specifically exploring Prairie literature in the wider context of world literature, students come to understand how all writers evoke a sense of place and why it is a crucial element in all writing. **Prerequisites:** Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

CRWR-399
Writing Literary Non-Fiction
3 Credits Weekly (3-0-0)
This course introduces students to the area of non-fiction prose writing sometimes known as “literary non-fiction” or “literary journalism” or even “creative non-fiction.” A good literary non-fiction piece is more than just a reporting of facts (though it does involve careful, thorough research that may include interviewing). Literary non-fiction, unlike most other genres of non-fiction, harnesses narrative rhythm and structure. The literary non-fiction writer is free to give expression to a distinctive style, and to interpret the meaning of events from his or her own narrative perspective. Students will practice prose writing skills of this sort, read the works of major twentieth century practitioners, and learn about existing venues for publication of literary non-fiction. Over the semester, each student will write and revise a feature-length non-fiction article of his or her own. **Prerequisites:** Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

CRWR-404
Further Studies in Creative Writing
3 Credits Weekly (0-0-3)
This workshop course is designed to give students an opportunity to expand their abilities as creative writers. Students write in an assigned genre such as poetry, the short story, narrative non-fiction, play-writing, or the graphic novel, working independently to develop and strengthen their creative writing skills and techniques. Students should be prepared to submit several pieces of their own work for group discussion over the term and to prepare at least one piece for possible publication. By the end of the course, every student should have a substantial portfolio. **Note:** It is highly recommended that students take a 200 and/or 300-level writing course before enrolling in English 404. **Prerequisites:** A minimum grade of C- in 12 credits of 200 or 300-level university courses, a portfolio of work, and the consent of the department.
CYCW-100
Adolescent Development
3 Credits  Weekly (3-0-0)
Students begin to examine developmental theory and patterns typical of late childhood and adolescence. Psychosocial development, cognition, spirituality and moral judgment, and physiology, including sexuality are explored. Environmental influences and typical patterns of adolescent behaviour are also considered. Students develop insight into their own style of relating to youth as influenced by their experiences as a young person. Students also acquire frameworks for helping families support youth with normal developmental tasks and fostering resilience in their young people.

CYCW-101
Helping Skills
3 Credits  Weekly (3-0-0)
Students are introduced to the skills of effective relationship building with youth and families. The role of the child and youth care professional in the helping process is also explored. Students practice and demonstrate effective individual counselling skills, from a developmental model of counselling.

CYCW-102
Integration Seminar
1 Credit  Weekly (0-0-2)
Students discuss field placement experiences and apply theory and skills from program course work. Professional and ethical conduct in relation to field experience is a focus. Students practice the skills of group work, communication, and leadership at a basic level.
Co-requisites: CYCW 103

CYCW-103
Field Placement
2 Credits  Total (0-0-120)
Students are introduced to the roles and responsibilities of a child and youth care practitioner through field placement. Students participate in therapeutic routines and activities in a work integrated learning environment. This workplace experience fosters the student’s ability to develop an ethical helping relationship and to work on a team of child and youth care professionals in a school, residential, or community program.
Co-requisites: CYCW 102.

CYCW-104
Activity Programming
2 Credits  Weekly (1-2-0)
This experiential course is designed to equip students with the attitudes, conceptual frameworks and skills to develop, lead and evaluate therapeutic activities for children, youth and families.

CYCW-106
The Child and Youth Care Professional
3 Credits  Weekly (3-0-0)
Students explore the professional and ethical tasks of a child and youth care practitioner and the challenges of being a member of this profession. An overview of the needs of youth, the types of agencies providing service and the legal system governing children and youth in Canada is studied.

CYCW-107
Child and Youth Care Practice
3 Credits  Weekly (3-0-0)
This course serves as an introduction to the distinctive domains of Child and Youth Care (CYC) practice. The basic philosophy permeating this course is that there is a set of attitudes, specific knowledge, skills and proficiencies that are uniquely those of the competent CYC practitioner. Areas covered include: relational-centred practice, the therapeutic milieu, understanding diversity and issues of social justice, strength-based intervention, models of planned change, ecological systems perspective, attachment theory, and ethics. Students are also introduced to the concept of praxis as a conceptual tool to think critically about the knowing, doing, and being of CYC practice.

CYCW-108
Special Topics in Child and Youth Care
2 Credits  Weekly (2-0-0)
Students are introduced to two special topic areas of significance for the prospective Child and Youth Care Worker. The first topic is awareness of and working with diverse populations. The second topic explores substance abuse issues.

CYCW-110
Integration Seminar
1 Credit  Weekly (0-0-2)
Students discuss field placement experiences and apply theory and skills from program course work to practice. Professional and ethical conduct in relation to field experience is a focus. Students practice the skills of group work, communication, and leadership at an intermediate level.
Prerequisites: CYCW 102.
Co-requisites: CYCW 111.

CYCW-111
Field Placement
2 Credits  Total (0-0-120)
Through continuing participation and co-leadership in routines and activities, this second placement further develops the core skills of a competent child and youth care practitioner. Students advance their skill and knowledge by focusing on relationship as a therapeutic tool. Students are expected to demonstrate creativity in planning activities, to be more independent problem solvers, and to show initiative.
Prerequisites: CYCW 102 and CYCW 103.
Co-requisites: CYCW 110.

CYCW-112
Family Dynamics
2 Credits  Weekly (2-0-0)
Students examine the family as a system within a broader ecological systems context. Students begin with an overview of basic family systems theory and then focus on the application of this core knowledge to their own family of origin. Through this self-study approach, students recognize and explore issues that may affect their ability to work with at-risk youth and families.

CYCW-114
Individual Counselling
3 Credits  Weekly (3-0-0)
Students continue to study the developmental model of individual counselling. Specific skills are taught that allow students to assist youth and adult clients in fully exploring and clarifying problem situations and missed opportunities in their lives; and to challenge their limited perspectives and access personal strengths, competencies and capabilities. Students are introduced to the solution-focused approach to helping, life space counselling, and spirituality in the helping process.
Prerequisites: CYCW 101.
COURSE DESCRIPTIONS

**CYCW-200  Child/Youth Care Methods I  3 Credits  Weekly (3-0-0)**
Students explore competency-based approaches to working with children, youth and their families that can be used in a variety of settings. Developmental theory is reviewed and applied to youth. Principles of effective behaviour management are learned and applied to the development of short-term behaviour plans. Preliminary skills for the creation of intervention strategies and service plans for youth and families are practiced. Students explore an overall framework that enhances their developing attitudes and skills in working effectively with youth and families.
Prerequisites: CYCW 100.

**CYCW-201  Child and Youth Care Practice in Mental Health  3 Credits  Weekly (3-0-0)**
Students explore a range of childhood and adolescent mental health issues. The causes, symptoms and treatment of commonly diagnosed physical/organic, social, emotional and behavioural disorders are considered. Students examine a range of disturbances from a strength-based and family perspective, in terms of both assessment and management. Participants access their own resources and resiliencies as they address issues that are traumatic for self and clients. The role of the Child and Youth Care Worker in settings providing mental health services is examined.

**CYCW-202  Integration Seminar  1 Credit  Weekly (0-0-2)**
Students discuss field placement experiences and apply theories, knowledge and skills from second year course work to their Child and Youth Care field placement practice. Students practice group work skills in seminar sessions. Students explore the notion of “caring for the caregiver,” designing and applying self-care strategies to themselves as helping professionals.
Prerequisites: CYCW 110 and CYCW 111. Co-requisites: CYCW 203.

**CYCW-203  Field Placement  4 Credits  Total (0-0-240)**
Students work in challenging child and youth care settings, with a focus on supporting youth and families to make effective change in their lives. In group care, family-based, or specialized community programs, students demonstrate individual counseling, life-space teaching, activity programming, and crisis intervention, along with the core competencies of relationship building, behaviour management, report writing and team work.

**CYCW-204  Group Work  3 Credits  Weekly (3-0-0)**
Students explore the role of groups in the treatment process for children, youth and families in child and youth care contexts. Students extend individual counseling skills into group work practice in the life space. Students apply group facilitation skills in the classroom.
Prerequisites: CYCW 114.

**CYCW-205  Issues in Family Work  3 Credits  Weekly (3-0-0)**
Students are introduced to conceptual frameworks to assess dysfunctional family systems and understand contemporary issues facing today’s families. The perspective of family resilience is integrated with family developmental theory as a conceptual model to guide family intervention. Theoretical models of support programs and services available to families are also analyzed. Critical thinking is emphasized in relation to entry-level competencies in child and youth care.
Prerequisites: CYCW 112.

**CYCW-206  Child/Youth Care Methods II  3 Credits  Weekly (3-0-0)**
Students explore the process of altering the story about “self” which is held by the child, youth, and his/her family through the application of therapeutic interventions such as cognitive behavioural therapy and attachment-focused interventions and use of expressive therapies including creative journaling, music, play, drama, and bibliotherapy. There is a focus on aggressive youth and crisis intervention as well as the ethical considerations for child and youth care practitioners.
Prerequisites: CYCW 110.

**CYCW-207  Integration Seminar  1 Credit  Weekly (0-0-2)**
Students discuss field placement experiences and apply information and skills from course work completed. In this fourth seminar, students practice advanced group work skills and also engage in essential job search activities.
Prerequisites: CYCW 202 and CYCW 203.
Co-requisites: CYCW 208.

**CYCW-208  Field Placement  4 Credits  Total (0-0-240)**
Students practice required entry-level competencies of a child and youth care worker. In group care, family-based or specialized community programs for youth and their families, the student demonstrates the competencies of service planning, implementation and evaluation within a service team.
Prerequisites: CYCW 202 and CYCW 203.
Co-requisites: CYCW 207.

**CYCW-209  Family Support and Intervention  2 Credits  Weekly (2-1-0)**
Students learn about and critique a child and youth care approach to family support work in the life space of children, youth and families. Students build on prior knowledge of development, family dynamics, and professional helping to practice, demonstrate and evaluate family assessment and intervention skills necessary to support and facilitate meaningful change. Specific skills including activity and strength-based interventions are applied to a family context.

**CYCW-211  Development Across the Lifespan  3 Credits  Weekly (3-0-0)**
Students examine major developmental milestones and challenges across the lifespan, beginning at conception and ending with death and dying. Students explore various theoretical perspectives, and relevant research at all developmental stages. Students describe and apply the lifespan perspective to child and youth care practice with children, youth and families.
Prerequisites: CYCW 100.
and families. As these relate to their work with youth, perspectives to their own life experiences are explored. Students apply developmental and contemporary theories in relation to Child and Youth Care contexts and professional practice within current and historical socio-political climates. Emphasis is placed on the intersections of diversity in relation to social justice issues in global, national and local contexts including Child and Youth Care practice environments. Students apply theoretical perspectives to their own life experiences on a personal level as well as a professional level as related to their work with children, youth and families.

**CYCW-303**
Advanced Child and Youth Care Practice II: Relational-Centred Case Planning
3 Credits  Weekly (3-0-0)
This course on inquiry into Relational-Centred Planning seeks to engage students in the complexity of assessment and planning from a relational-centred perspective. Students explore the core premises of relational-centered practice and demonstrate their relational skills and capabilities through critical self-reflection. This course also prepares students to engage in evidence-based inquiry within the theoretical underpinnings of relational-centred planning.

**CYCW-339**
Applying Developmental Theory in Child and Youth Care Practice I
3 Credits  Weekly (3-0-0)
Students consider the implications of contemporary perspectives on traditional developmental theory and research for advanced Child and Youth care practice. Emphasis is placed on the development of self and relationships in the contexts of the family, school, community, and client-worker relationship. The themes of resilience and diversity and their effects on development are explored. Students apply developmental perspectives to their own life experiences as these relate to their work with youth and families.

**CYCW-340**
Applying Developmental Theory in CYC Practice II: Advanced Application
3 Credits  Weekly (3-0-0)
This in-depth course focuses on developmental and contemporary theories in relation to Child and Youth Care contexts and professional practice. Students critically examine theory and research into their practice. Professional values, ethics and practice may impact their work with clients.

**CYCW-361**
Substance Abuse
3 Credits  Weekly (3-0-0)
Students analyze and compare theories, principles, systems, issues, and the interventions in the field of alcohol and substance abuse as they pertain to Child and Youth Care practice with children, youth, families, and communities. Students explore their personal beliefs, values, and ethics regarding both substance abuse and how change occurs. They consider how these beliefs, values and ethics may impact their work with clients.

**CYCW-411**
Advanced Field Placement I
3 Credits  Total (0-0-150)
In this supervised field placement, students focus on a specific area of practice and on locating their placement setting in terms of its social context. Relevant legislation and social policy are examined and the impact of these on agency policy and practice is explored. Students examine agency mission, structure, professional roles, and service delivery model of their placement setting, and evaluate how these elements relate to the needs of the clients being serviced. Students critically assess their professional values, ethics and practice.

**CYCW-412**
Advanced Field Placement II
3 Credits  Total (0-0-150)
In this field placement, service planning, assessment skills, intervention strategies, evaluation skills and/or project planning and delivery skills are applied at an advanced level. Students integrate current Child and Youth Care theory and research into their practice. Professional values and ethical practice are critically analyzed. Students are challenged to develop and articulate their own professional identity. Students access the expertise of other professionals and function as partners in the workplace and on service teams.
CYCW-423  
Child and Youth Care Research  
3 Credits  
Weekly (3-0-0)  
Students are introduced to the principles of the scientific method of inquiry and the skills necessary to design and implement a course-based research project. Within an applied research context, students are introduced to the major research paradigms (positivism, interpretivism, and critical science) and strategies of inquiry (qualitative, quantitative, and mixed method). Students select a topic of interest, frame a researchable question, map-out a literature review plan, design a sample strategy, collect and analyze data, and showcase their projects in a poster session.

CYCW-425  
Quantitative and Qualitative Analysis  
3 Credits  
Weekly (3-0-0)  
Students examine statistics as a set of tools and techniques used to organize, describe and interpret information. The strengths and weaknesses of statistical analysis as one component of the research methodology are appraised. Statistical techniques discussed include measures of central tendency, correlation coefficients, normal distributions, t-tests and analysis of variance. Introduction to quantitative research design includes but is not limited to concepts such as statistical significance, sample size, reliability, variance and research design. Collection and analysis of qualitative research data is also introduced, and the relevance of this approach to child and youth care practice and research is explored.

CYCW-465  
Advanced Child and Youth Care Practice with Community Groups  
3 Credits  
Weekly (3-0-0)  
Child and Youth care is an increasingly complex work environment. Students investigate some of these complexities from a Child and Youth care perspective. Students further develop their skills and knowledge about working with and in communities. Emphasis is placed on conceptualizing and analyzing effective community practice skills and the ability to work in complex environments. These skills include collaboration, community-based approaches and working as a member of a multi-disciplinary team. Exploring the concept of advocacy, including the differences between self, individual and systemic advocacy, for the children, youth and families served continues to be important. Aspects of supervision and management from a Child and Youth care perspective are explored and applied to practice situations.

CYCW-466  
Advanced Child and Youth Care Practice With Families  
3 Credits  
Weekly (3-0-0)  
Students learn about current conceptual frameworks and models for understanding family functioning and parenting. Family assessment methodologies and interventions which are appropriate to Child and Youth Care settings are studied. This course builds on existing theories of family functioning and intervention strategies to create a Child and Youth Care theory and approach to working with families.

CYCW-474  
Advanced Child and Youth Care Practice With Individuals  
3 Credits  
Weekly (3-0-0)  
Students focus on advanced skills and frameworks for Child and Youth Care practice with individuals. Using a relational perspective, students integrate and apply a range of theories for counselling individual children, youth, and family members including: life-space counselling, resiliency based and solution focused interview approaches, and the developmental model of counselling. Spirituality and cross-cultural issues are considered as they relate to counselling individuals. Students examine literature and research relevant to counselling in Child and Youth Care practice.

DESN-102  
Drawing  
3 Credits  
Weekly (1-3-0)  
Students apply the principles of linear perspective and structural analysis to represent observed subjects. With a focus on the formal principles of pictorial composition, students investigate the expressive potential of drawing and are introduced to the representation of human figure.  
Prerequisites: DESN 100.

DESN-103  
Concept Visualization  
3 Credits  
Weekly (2-2-0)  
This course fosters creative thinking through brainstorming, rapid visualization, sketching and storyboarding. Design concept and ideation are emphasized as students are challenged to express original ideas on paper. Students develop a visual vocabulary for the exploration and representation of ideas through the study of line, gesture, media and mark-making, observational exercises and other drawing techniques.  
Prerequisites: DESN 102.

DESN-110  
Design Studio I: Visual Organization, Composition and Visual Language  
3 Credits  
Weekly (2-2-0)  
This course introduces the foundational elements and principles of two- and three-dimensional design as they relate to visual communication. Design process and problem solving through project-based studies are emphasized as students acquire the fundamentals of visual language, composition and colour. This course also introduces students to the principles of visual communication theory.

DESN-120  
Introduction to Design Software  
3 Credits  
Weekly (2-2-0)  
This course introduces the digital work environment of a visual communication designer. Students develop a foundation of software skills while attending to best practices of reliable organizational and file management habits, suitability of software application for a variety of production outcomes and technology problem solving skills.
DESN-150  
Image Structure and Meaning  
3 Credits  Weekly (2-2-0)  
Students develop visual sensitivity through the creation of static and dynamic images using photography and video. Composition, framing, viewpoint and use of light are studied and practiced as students visually explore the world around them. Students research a range of subject matter in order to develop a message as well as compose, shoot and edit photographs and video. Special consideration is given to the relationship between composition and communicative value. This course also introduces students to the basic principles of communication theory and selected aspects of the history of the lens arts.

DESN-200  
Drawing for Illustration  
3 Credits  Weekly (2-2-0)  
Students explore the communicative potential of illustration as a visual medium. The human figure, natural and manufactured forms are rendered through traditional illustration techniques. Through creative, aesthetic and expressive choices, students are challenged to resolve the illustration of visual concepts.  
Prerequisites: DESN 103.

DESN-210  
Design Studio II: Intradisciplinary Design Projects  
6 Credits  Weekly (4-4-0)  
With a focus on concept development, this course explores, in an intradisciplinary context, the multiple specialty areas within the discipline of visual communication design. Special consideration is given to adaptability of message to audience, media and context of use. The role of the designer, design research and process, and project management are emphasized in a project-based context, as students are challenged to develop original concepts, sound rationales and formal solutions to real-life design problems. Principles of visual communication theory and visual rhetoric are introduced, along with selected aspects of the history of design.  
Prerequisites: DESN 102, DESN 110, DESN 120, DESN 150.

DESN-230  
Typography I  
3 Credits  Weekly (2-2-0)  
Students are introduced to the history and development of letterforms, the typographic system and the use of typography as it relates to visual communication design. Terminology, systems of measurement, type families and classification are explored, while students study the structure and use of letterforms, words and sentences for expressive purposes. In a project-based context, there is special emphasis on the fundamentals of legibility, readability and hierarchies of information, as students create posters, logotypes and basic layouts.  
Prerequisites: DESN 102, DESN 110, DESN 120.

DESN-240  
Introduction to User Experience Design  
3 Credits  Weekly (2-2-0)  
Students apply typographic, layout, and design skills in the creation of visual interface designs for websites and software applications (apps). Students learn to recognize audience behaviors, translate behaviors into user goals and tasks, and incorporate these tasks into visual interface designs. Static interface designs may be translated into clickable prototypes functioning using industry standard tools. While developing creative and technical skills in the medium, students design and manage digital projects from research to conceptualization to refined designs.  
Prerequisites: DESN 210, DESN 230.

DESN-241  
Interaction Design I  
3 Credits  Weekly (2-2-0)  
Designers wireframe and prototype software applications (apps) and other high interactivity digital products using the latest industry tools. Students learn how to turn a user's needs into product concepts, task flow diagrams, wireframes and finally high-fidelity prototypes. Projects require skills of typography, information design and knowledge of user experience and interaction design principles.  
Prerequisites: DESN 240.

DESN-250  
Introduction to Photography  
3 Credits  Weekly (2-2-0)  
Using a DSLR camera and accessories, students explore photography as a tool of communication. Through the practice of photographic techniques, students develop the photographer’s sensibilities for composition, exposure, lighting and camera operation. Creative decisions, both technical and aesthetic, are emphasized. Master photographers are studied to inspire and develop a critical vocabulary.  
Prerequisites: DESN 120.

DESN-251  
Applied Photographic Design  
3 Credits  Weekly (1-3-0)  
Students explore advertising and editorial photography as an integral component of visual communication design. Students build upon prior courses to employ creative process and advanced camera techniques in the creation of compelling photographic imagery.  
Prerequisites: DESN 250.

DESN-252  
Digital Imaging  
3 Credits  Weekly (2-2-0)  
Students use digital imaging techniques to influence the communicative impact of an image. Industry standard software is used to process and create images while employing current digital workflow practice.  
Prerequisites: DESN 120.

DESN-260  
Introduction to Video  
3 Credits  Weekly (2-2-0)  
This course introduces the communicative possibilities of video, focusing on creative vision, acquisition, and editing. Students engage in the creative process, produce short video projects, and learn how to creatively utilize video assets. Students will explore how audio and visual editing techniques influence the message and viewer perception.  
Prerequisites: DESN 150.

DESN-261  
Motion Graphics I  
3 Credits  Weekly (2-2-0)  
Students create visual narratives with motion typography and animation. The principles of motion, time, colour, sound and space are explored as students learn to apply the tools and techniques of the motion graphics designer to creative animated visual sequences.  
Prerequisites: DESN 260; DESN 330.
DESN-270
The History of Design and Material Culture Through the 18th Century
3 Credits Weekly (3-0-0)
This survey course introduces the socio-cultural and stylistic movements of design and material culture from prehistory through the 18th century. Students are introduced to the vocabulary of art, design and material culture focusing on the contexts of production, consumption, value and meaning. Artifacts of western and non-European culture including art, architecture, furniture, products, interior design, clothing, and visual communication design are examined in the socio-cultural context of design history.
Prerequisites: Six 100-level credits of English or English 111 and 211.

DESN-271
The History of Material Culture and Design From the 18th Century
3 Credits Weekly (3-0-0)
This course introduces students to the history of modern design and material culture. Students will examine the relationship between visual and material culture and major socio-economic and cultural formations of modernity such as industrialization, mass production, mass media, urbanization, technology, progress, consumption and lifestyle. Artifacts of western and non-European culture including art, architecture, furniture, products, interior design, clothing, and visual communication design are examined in the context of design history.
Prerequisites: DESN 270.

DESN-300
Illustration Techniques
3 Credits Weekly (2-2-0)
Students develop the technical, conceptual and expressive illustration skills to design, prepare and produce illustration work for commercial outcomes. The history, use and trends in hand-rendered and digital illustrative design are also explored as students experiment with a wide range of media and stylistic techniques. Study, practice and assignments focus on the development of illustration concepts and principles of composition.
Prerequisites: DESN 200.

DESN-310
Design Studio III
3 Credits Weekly (2-2-0)
With a focus on concept development, students explore communication theory-in-practice. There is a special emphasis on content, context and audience; messages that inform, instruct and persuade; and, the ideation stage of the design process. Students are challenged to stretch their creative capacity and go beyond the common-place in order to conceive, execute and present original solutions to complex design problems.
Prerequisites: DESN 210.

DESN-311
Corporate Identity Design and Branding
3 Credits Weekly (2-2-0)
Students explore the principles of product and corporate identity and the visual communication of comprehensive brand experiences through the examination of brand positioning processes and brand case studies. With an emphasis on design process, students create and execute a range of brand identity programs, developing a consistent and appropriate visual voice for multiple applications.
Prerequisites: DESN 310, DESN 330.

DESN-313
Information Design
3 Credits Weekly (1-3-0)
Students examine the processes by which complex information can be organized and presented visually so that it is understandable and useful to the viewer. The design of diagrams, symbols, charts, infographics, and orientation systems are explored with a special emphasis on information analysis, architecture and visualization for print, digital and interactive displays.
Prerequisites: DESN 330.

DESN-314
Environmental Graphic Design
3 Credits Weekly (2-2-0)
This studio course introduces students to graphic design principles and practices specific to the design of informational and directional graphics for the built environment. Students engage in a mix of theoretical and practical production activities to develop critical and applied understanding of graphic design for three dimensional application. With an emphasis on wayfinding and place making, students design effective solutions that consider form and user experience as it relates to information, environment and cultural context.
Prerequisites: DESN 311.

DESN-315
Visual Narrative and Storytelling
3 Credits Weekly (2-2-0)
The focus of this course is the exploration of narrative forms and their role in visual storytelling. Contemporary visual narrative theories guide student projects as they explore and discuss their effect on storytelling. Students stretch their image-making and design abilities to tell dynamic stories in visual form, while choosing appropriate media, narrative structure, pace, rhythm and sound, in order to elicit an emotion in the viewer.
Prerequisites: DESN 310.

DESN-316
Branded Environments
3 Credits Weekly (2-2-0)
This course explores brand identity when it is visually and spatially applied to the built environment. Students extend the audience’s experience of a brand into three dimensions through the use of visual and sensory cues, including environmental graphics, signage, identity systems and finish materials selection.
Prerequisites: Minimum grade of C+ in DESN 311.

DESN-317
Publication Design
3 Credits Weekly (1-3-0)
In this advanced course, students examine and compare the anatomy and overall design characteristics of editorial publications, catalogues, and books with a focus on audience, style, format and organization. Students experience the publication process, from initial client meetings to final production. Working alone and in teams, students develop and defend solutions that address the communication needs of these varied publication types, while planning and adhering to industry standards of production workflow.
Prerequisites: DESN 310, DESN 330 and DESN 311.

DESN-318
Advertising Design
3 Credits Weekly (2-2-0)
In this course students focus on marketing and advertising design principles in the studio environment. Importance is placed on process, analysis, and the development of creative solutions. The advertising message, formats for common ad copy, and production methods are considered as students design several advertising campaigns.
Prerequisites: DESN 311.
DESN-330
Typography II
3 Credits Weekly (2-2-0)
This course explores typography as an essential element of visual communication design. Students apply the principles of typographic selection, application and organization to text-based content and information. This course advances knowledge of the complex interrelationship of text, context, image, audience and function while considering factors of format, visual hierarchy, legibility, typographic systems and color. These subjects are explored through a variety of publication types including magazine design, annual reports and catalogues. Students also further develop software skills related to the design and production of projects in various formats and media. Prequisites: DESN 230.

DESN-340
Web Design & Development I
3 Credits Weekly (2-2-0)
Students expand their website design skill set and user experience design knowledge to code responsive websites using HTML and CSS. They learn how their design decisions are affected by a greater knowledge of the web technology that is used to build their websites. Information architecture is also emphasized, where students must label, structure and prioritize content according to client needs and target audience profiles. Responsive design concepts, processes and techniques are also taught to ensure websites are usable and engaging in a mobile, tablet or desktop environment. Students also learn how to publish their websites on the Internet. Prerequisites: DESN 240.

DESN-341
Interaction Design II
3 Credits Weekly (2-2-0)
Building upon skills and methods from Interaction Design I, students learn how to design experiences and interfaces for apps that will be delivered using various form factors: mobile, tablet, desktop, wearable, virtual. Projects are more open-ended and require students to be problem identifiers not just problems solvers, using startup or design entrepreneurship theory and best practices. Prerequisites: DESN 241.

DESN-342
User Experience Design Theory & Methods
3 Credits Weekly (2-2-0)
Students learn how to strengthen their interface design decisions by using participatory research methods, interaction and usability theories. Research methods are explored by learning the benefits, context of usage, implementation techniques and data analysis strategies. Emphasis will be placed on realizing a client’s needs and objectives as students design and test interface prototypes. Prerequisites: DESN 240.

DESN-343
Web Design & Development II
3 Credits Weekly (2-2-0)
This is the capstone course for students focusing on website design. All technical skills, usability theories, information architecture concepts and research methods learned in previous courses are combined and put into practice. An emphasis on Content Management Systems (CMS) and HTML/CSS frameworks offers students insight into how the majority of websites are deployed on the internet. Prerequisites: DESN 340.

DESN-361
Motion Graphics II
3 Credits Weekly (2-2-0)
This course examines advanced topics and practices in motion graphics production. Students explore the communicative potential of motion graphics in a project-based context. There is special emphasis on concept development, asset management and motion branding. Students also explore animation techniques including code-driven animation. Prerequisites: DESN 261.

DESN-380
Design Thinking Seminar: Design Strategy, Complex Projects & Systems
3 Credits Weekly (3-0-0)
Students examine case studies of innovative design solutions and they discuss the challenging social, political, economic, and environmental contexts of complex and multi-faceted design problems. Students are guided into the creative and systematic thinking processes and methodologies of design employed by experienced designers. There is a special emphasis on user-centric design, design research, and the creation of design solutions aimed at satisfying people’s needs, wants and desires. Prerequisites: DESN 271.

DESN-381
Design Issues Seminar
3 Credits Weekly (3-0-0)
This course challenges students to understand and reflect on some of the major issues facing designers and the design profession. Students develop a broader and deeper understanding of the historical and contemporary context of a concern through research, discussion and presentation. Issues across design disciplines are critically examined through design theory, problems and practice. The specific topics covered in any given year will be selected by the instructor. Prerequisites: DESN 271.

DESN-390
Portfolio & Business of Design
3 Credits Weekly (1-3-0)
In this capstone course students create and produce a portfolio which highlights their competence, knowledge and proficiency. With a focus on how to secure a job or contract in the visual communication design sector, topics include marketing and self-promotion, business practices, negotiation and pricing, ethical and legal standards of practice and professional relationships in design. Guest speakers provide real-world examination of the professional practice. A portfolio review event concludes the course. Prerequisites: Minimum of 15 credits of DESN courses at 300-level.
DMSP-100 Essential Anatomy and Physiology 3 Credits Weekly (3-0-0)
The structure and function of the normal human body are examined. The respiratory, cardiovascular, gastrointestinal, genitourinary, nervous, reproductive, musculoskeletal, integumentary, lymphatic, hematological, immune/inflammatory, special sense organs and endocrine systems are explored. Terminology particular to description and organization of human anatomy is introduced. Students acquire medical terminology necessary to communicate information in a disability management environment and to understand medical documentation.

DMSP-102 Medical and Pharmaceutical Concepts 3 Credits Weekly (3-0-0)
A wide range of medical and pharmaceutical topics that the disability management practitioner may be exposed to via medical documentation, discussions with healthcare professionals, and the disabled or ill individual are addressed. Basic medical and pharmaceutical terminology are introduced to enable students to read medical reports and engage in conversations related to return to work management. Common diagnostic and clinical procedures pertinent to cardiovascular, respiratory, digestive, genitourinary, reproductive, nervous, musculoskeletal, integumentary and endocrine systems are also examined. Students investigate common pharmaceutical, non-pharmacological, and complementary therapies utilized to treat various common conditions so that they better understand reports and discussions on these topics. Mental health issues, psychosocial factors, and their impact on the return to work process, are apprised. As a component of the practitioner’s role, health and wellness concepts are emphasized in assisting an individual’s journey during the return to work process.

DMSP-104 Introduction to Disability Management 3 Credits Weekly (3-0-0)
The concepts, principles, models, and stakeholder roles relevant to the field of disability management are examined. The social, vocational and financial components of a disability management program are identified. The key aspects of a disability management program are presented, as well as industry-based application techniques. Trends and issues within the specialty field are addressed. Students will explore their professional responsibilities, the value of this field, and the growing demand for competent disability management practitioners.

DMSP-110 Ethics and Professionalism in Disability Management 3 Credits Weekly (3-0-0)
Standards of practice for consensus-based disability management are focused upon in this course. Students examine ethics, values and principles related to disability management practice settings. Analysis of various ethical and professional issues of the disability management practitioner is emphasized. Opportunities for professional growth and networking are addressed. Prerequisite: DMSP 104.

DMSP-112 Health, Social and Legislative Foundations 3 Credits Weekly (3-0-0)
Students examine legislation relevant to the workplace, such as employment standards, privacy legislation, labour relations, human rights, occupational health and safety, workers compensation legislation, and their impact on disability management practices. The evolution of work and the relationship of compensation, benefits, and return to work planning within disability management are addressed. Occupational health and safety issues and trends in the workplace are analyzed. Students identify occupational hazards and lifestyle issues, and discuss their impact on the worker and the disability management program.

DMSP-114 Conflict and Crisis Management in Return To Work 3 Credits Weekly (3-0-0)
Students are introduced to a framework for conflict resolution in disability management. Introduction to an interest-based conflict resolution process guides the learner to assess their personal conflict resolution style and to determine the impact of various communication skills, emotions and grief during conflict and crisis situations. Group productivity and effectiveness are discussed within the context of managing difficult situations. The application of mediation, negotiation, facilitation and interview skills are addressed. Strategies to diffuse volatile situations in relation to the return-to-work process are examined. Prerequisite: INTD 105.
DMWP-116  
**Return to Work Management**  
*3 Credits  Weekly (3-0-0)*  
The process to accommodate ill or injured employees is the focus of this course. Students utilize a consensus-based model to develop, implement and evaluate return to work plans or programs for employees (including returning older workers, women and various cultural groups). Cost/benefit analysis, benchmarking, auditing, and the preparation of a business plan for a disability management program are examined. The management of difficult disability cases is explored by students. Also addressed are the roles and responsibilities of case managers. Various models and processes of case management are examined as they apply within return to work coordination and disability management.  
**Prerequisites:** DMWP 104.

DMWP-118  
**Field Placement**  
*3 Credits  Total (15-0-100)*  
A supervised application of the disability management program concepts occurs in an occupational setting. Through self-determined goals, the student designs and completes a project utilizing the application of disability management theory and practice standards in the delivery of consensus-building disability management. Following a relevant literature review, the student develops a comprehensive return to work plan for an employee of the field placement organization. The student functions as a member of the team, working within legal, ethical, professional, and organizational parameters.  
**Prerequisites:** DMWP100, DMWP102, DMWP110, DMWP112, DMWP114, DMWP116.

DSLC-214  
**Seminar I**  
*1 Credit  Weekly (0-0-1)*  
Students discuss field placement experiences and have the opportunity to reflect on the application of theory to practice. Grounded in evidence based practice, the importance of professional and ethical conduct within a team structure are explored and developed. Students begin to develop the skills and attitudes of a reflective practitioner. Basic multimedia presentation skills are learned as a means to communicate information. The process of developing professional portfolios is initiated.  
**Prerequisites or Co-requisites:** DSLC 215, DSLC 216, DSLC 217, DSLC 218, DSLC 219.

DSLC-215  
**Field Placement I**  
*2 Credits  Total (0-0-120)*  
In this supervised field placement, students apply and enhance their skills and knowledge in person directed practice, family support, facilitating learning, and advocacy and activism. Students integrate current disability studies theory and research into their practice. Ethical and values based practice are applied and critically analyzed. Students access the expertise of supervisors, peers, families, and individuals they support in order to function as an effective team member.  
**Prerequisites or Co-requisites:** DSLC 214, DSLC 216, DSLC 217, DSLC 218, DSLC 219.

DSLC-216  
**Person Directed Practice**  
*3 Credits  Weekly (3-0-0)*  
Students develop person directed practices that focus on strengths, gifts, relationships, and community connection in supporting people with disabilities to have meaningful lives of their choosing. Students learn to facilitate person directed plans that support positive outcomes for individuals with disabilities. Students select and apply planning approaches that incorporate the practices of inclusion, empowerment, and individualization in the planning process.

DSLC-217  
**Family Support**  
*3 Credits  Weekly (3-0-0)*  
Theoretical approaches to understanding family systems, considering the psychological, social, and cultural factors affecting families, are discussed. Students explore the importance of the family as it responds to and impacts upon members with disabilities. Approaches to identifying and supporting diverse family strengths and needs are examined and applied to communication, support, and professional boundary issues that may arise when working in family homes.

DSLC-218  
**Advocacy and Activism**  
*2 Credits  Weekly (2-0-0)*  
Advocacy and social activism are important processes that support people with disabilities in achieving equal citizenship. Personal, cultural, and structural oppression are examined as the means by which people with developmental disabilities are excluded from equal citizenship. Students develop a working knowledge of advocacy and social movement theory, as well as human rights legislation as foundations for empowerment work. Students examine current techniques and approaches in supporting self-advocates who are working within and outside of systems to effect change in order to achieve lives of equality and full inclusion. Students learn to work within a critical ethical framework as they develop their role as an ally.

DSLC-219  
**Positive Approaches to Learning**  
*3 Credits  Weekly (3-0-0)*  
The shift from person centred to person directed planning is evident in the disability service sector. As part of a self-directed plan, individuals with developmental disabilities are encouraged to identify personal learning goals. Students are introduced to adult development and learning, processes of formal and informal assessment, and interpretation of assessment reports as part of supporting individuals with disabilities to meet their personal learning goals. Teaching strategies that support individual skills development are developed. Methods to evaluate the effectiveness of the teaching strategies are explored.
### COURSE DESCRIPTIONS

#### DSCL-223
**Positive Behaviour Support**  
*2 Credits  Weekly (2-0-0)*  
Positive behaviour supports refers to innovative ways of supporting individuals with complex needs so that they can lead lives of belonging and meaning. Students develop creative supports based on a deep understanding of the person and his or her unique challenges, such as the impact of disability, addictions, mental health concerns, conflict with the law, and history of trauma. Students acquire a solid foundation of functional assessment approaches and strategies used in the disability service sector. The knowledge and skills are used as a foundation for students to develop, implement and evaluate positive support plans. Students also learn strategies required to manage critical incident and crisis situations.

#### DSCL-225
**Personal Care and Wellness**  
*3 Credits  Weekly (2-2-0)*  
Students examine practices that promote healthy living and wellness for individuals with developmental disabilities including individuals with complex health needs. Students integrate theory and skills related to health promotion measures that contribute to optimal quality of life in terms of social, emotional, occupational, spiritual, mental, environmental, and physical health across the life span for individuals with developmental disabilities. Students create wellness plans and develop knowledge and skills in nutrition; tube feeding; seating, lifting, carrying and transferring procedures; and wheelchair maintenance. Students are required to demonstrate competencies in medication administration, universal health precautions, feeding, and wheelchair safety and maintenance.

#### DSCL-226
**Approaches to Building Community**  
*3 Credits  Weekly (3-0-0)*  
Students examine the concepts of community building and development, and apply them to the practice of supporting people with disabilities. Students learn how community capacity and strong community connections enable the people they support to live lives of meaning, connection, and contribution.

#### DSCL-227
**Supervision and Organizational Leadership**  
*3 Credits  Weekly (3-0-0)*  
Students examine the importance of strategic planning as a way to guide organizations within the disability service sector. Students explore various theories of management, leadership, and supervision and the skills required to effectively manage teams and organizations, and facilitate organizational change. Strategies to foster diversity and inclusion are also examined along with issues unique to the disability service sector.

#### DSCL-229
**Seminar II**  
*1 Credit  Weekly (0-0-1)*  
Grounded in evidence based practice, professional and ethical conduct within a team structure are demonstrated. Students demonstrate advanced skills and attitudes of a reflective practitioner. Students discuss field placement experiences and have the opportunity to reflect on the application of theory to practice. Students create and present multimedia presentations. Comprehensive professional portfolios are completed and job search processes are practiced.  
**Prerequisites:** DSCL 214, DSCL 215.  
**Co- or prerequisites:** DSLC 223, DSLC 225, DSLC 226, DSLC 227, DSLC 230.

#### DSCL-230
**Field Placement II**  
*3 Credits  Total (0-0-180)*  
In this supervised field placement, students apply and enhance their skills and knowledge in community building, organizational leadership and supervision, providing positive behavioural support, providing personal care and promoting wellness. Students integrate current disability studies theory and research into their practice. Ethical and values based practice are applied and critically analyzed. Students access the expertise of supervisors, practitioners, families and individuals they support in order to function as an effective team member. Students develop their professional identity and focus of future practice.  
**Prerequisites:** DSCL 214, DSLC 215.  
**Co- or prerequisites:** DSLC 223, DSLC 225, DSLC 226, DSLC 227, DSLC 229.

#### EASC-101
**Introduction to Physical Science**  
*3 Credits  Weekly (3-3-0)*  
This course provides an introduction to the origin of the Earth and solar system, the concept of geological time, and the identification of minerals and rocks. The theory of plate tectonics and the resulting structural features of the Earth are covered. Surface weathering processes and principles of geomorphology are described.  
**Note:** Credit can only be obtained for one of EASC 100 and EASC 101.

#### EASC-102
**Introduction to Environmental Earth Science**  
*3 Credits  Weekly (3-3-0)*  
In this course, the global energy budget and major energy pathways, the Earth's patterns of weather systems and their impact on temperature, precipitation, moisture and winds are covered. Atmospheric and oceanic circulation systems and their effect on the global environmental system are discussed. Components of the atmosphere and their interactions to create weather and climate are also topics dealt with in this course. The hydrologic cycle and local water balance calculations are examined. Biological ecology and global biomes are examined.  
**Note:** Credit can only be obtained for one of EASC 100 and EASC 102.

#### EASC-103
**Historical Geology**  
*3 Credits  Weekly (3-3-0)*  
This course provides a study of the geologic history of the Earth from the development of the solar system to the present. The role of geochronology, stratigraphy, sedimentary and structural geology, as well as aspects of plate tectonics in paleontology are discussed. The origin and evolution of life are explored, along with an examination of fossilization. A time-sequence analysis of the Earth’s geologic past is performed using the development and movement of continents, orogenies, changes in sea-level and the appearance and evolution of life through fossils. The focus will be on the North American continent.  
**Note:** Credit can only be obtained for one of EASC 103 and EASC 105.  
**Prerequisites:** Minimum grade of C- in EASC 101.
EASC-206
Geology of the Solar System
3 Credits  Weekly (3-0-0)
This course demonstrates how information gleaned from both manned and robotic space missions, as well as astromaterials available for direct study, are used to gain an understanding of the geology of our Solar System. Geological processes that were, and continue to be, active in the Solar System are examined with a special emphasis on impact cratering. The similarities and differences in the geology of planets, how these relate to the origin and evolution of the Solar System, and their implications for the search for life are also investigated.
Prerequisites: Minimum grade of C- in one of EASC 100, EASC 101, or ANTH 120.

EASC-209
Geology of Western Canada and the National Parks
3 Credits  Weekly (3-0-0)
The geologic history of Western Canada begins 4 billion years ago with the formation of the Canadian Shield and, through tectonic and erosional modification, has evolved into its present configuration. The formation and modification of the Canadian Shield, Western Canada Sedimentary Basin, and Canadian Cordillera will be discussed. In addition, the economic resources that formed as a result of these geologic processes are addressed. The National Parks within Western Canada are examined in context of their geology and formation, describing why they are important regions to conserve.
Prerequisites: A minimum grade of C- in EASC 100 or EASC 101.

EASC-219
Mineralogy
3 Credits  Weekly (3-3-0)
This course employs a theory and lab-oriented approach to understanding mineralogy. Topics include mineral origin and formation, classification and crystallography. Hands-on mineral identification will be undertaken in the labs with a focus on major rock forming minerals, such as the silicates. The opportunity to examine rare meteorites in thin section will also be provided. Students will be assigned their own petrographic microscope for use during the term, with an additional lab designed to utilize the Raman spectrometer. A field trip to the Royal Alberta Museum will be conducted during the term.
Prerequisites: Minimum grade of C- in either EASC 101 or in EASC 105.

EASC-221
Introduction to Geographic Information Systems
3 Credits  Weekly (3-3-0)
This course provides a theoretical and practical introduction to Geographic Information Systems (GIS) as applied to geologic and environmental sciences. Lectures combine an overview of the general principles of GIS with a theoretical treatment of the nature and analytical use of spatial information. Laboratories impart the technical aspects through hands-on experience with appropriate software.
Prerequisites: A minimum grade of C- in one of EASC 100, EASC 101, EASC 102, or ANTH 206.

EASC-225
Introduction to Geomorphology
3 Credits  Weekly (3-3-0)
This course introduces students to geomorphology - the study of landforms and landscape-shaping processes. Fluvial, glacial, periglacial, slope, and aeolian landforms and processes are examined. A special emphasis is placed on Alberta's landscape and the geomorphology of the Late Cenozoic, especially the Quaternary Period. Central to this course is fieldwork in Edmonton's river valley.
Prerequisites: Minimum grade of C- in EASC 100 or EASC 101.

EASC-226
Introduction to Soil Science
3 Credits  Weekly (3-3-0)
This course examines the fundamental aspects of soil formation and soil occurrence in natural landscapes. Physical, chemical, mineralogical, and biological properties of soils are emphasized, and how these properties relate to plant growth and environmental quality. Identification of soils is practiced and estimates of their performances in both natural and agricultural ecosystems are analyzed.
Note: A 100-level chemistry course is strongly recommended.
Prerequisites: Minimum grade of C- in EASC 100, EASC 101, EASC 102 or ANTH 206.

EASC-230
Invertebrate Paleontology
3 Credits  Weekly (3-3-0)
This course addresses principles and problems associated with paleontology in areas such as origin of life, evolution, mass extinction, paleoecology, functional morphology, biogeography and biostratigraphy. There is a systematic coverage of invertebrate fossils, including microfossils, Porifera, Cnidaria, Brachiopoda, Bryozoa, Mollusca, Echinodermata, and Arthropoda. Labs promote recognition of fossils and their attributes.
Prerequisites: Minimum grade of C- in EASC 103 or EASC 105.

EASC-238
Geology of Natural Resources
3 Credits  Weekly (3-0-0)
This course consists of the geological study of the major types of economically important metallic and nonmetallic ore minerals and energy resources. Basic processes which form and concentrate these materials in the Earth are examined. Various methods of exploration and mining of the resources are detailed. Alberta's coal and petroleum resources are emphasized. Environmental effects of the production and use of mineral and energy resources are discussed.
Prerequisites: Minimum grade of C- in EASC 101.

EASC-270
The Atmosphere
3 Credits  Weekly (3-0-0)
This course provides an introduction to atmospheric science, weather, and climate. Topics include the composition and vertical structure of the atmosphere, humidity and clouds, atmospheric dynamics, circulation, weather systems, weather forecasting and maps, atmospheric boundary layer, and climate dynamics. Training for reading and interpreting weather maps, and modeling atmospheric processes is provided. Note: MATH 114 is recommended.
Prerequisites: A minimum grade of C- in any 100-level Physical Sciences course, or in BIOL 107 or BIOL 108.
**EASC-271 The Oceans**
3 Credits  
Weekly (3-3-0)
Coversing nearly three quarters of the Earth's surface, the oceans play a fundamental role in the Earth system. This course provides an overview of the discipline of oceanography, as well as highlighting the importance of the oceans within a global context. The course examines the physical, chemical, biological, and geological properties of the oceans. Topics include the origins of the oceans, the physical and chemical properties of seawater, water mass structure and chemistry, the physical structure of ocean basins and marine provinces, ocean circulation, wave and tide dynamics, ocean sediments and sedimentary records, biological oceanography and primary productivity, and the role of, and consequences for, the oceans in a changing climate. Furthermore, relevant methods in oceanographic research and data analysis are discussed and applied within the laboratory component of this course. Emphasis is placed on the interdisciplinarity of oceanography, alongside the linkages of the oceans to other spheres of planet Earth, including the atmosphere, biosphere, hydrosphere, and cryosphere. EASC 271 includes an optional field trip to a coastal area.  
Prerequisites: A minimum grade of C- in EASC 101, EASC 102, or EASC 103.

**EASC-320 Introduction to Geochemistry**
3 Credits  
Weekly (3-3-0)
This course provides an introduction to the interdisciplinary science of geochemistry. The first part of the course examines our home planet from a geochemical perspective and includes formation of the Earth and our solar system, the origin of the elements and their distribution within the Earth, and evolution of the crust, mantle and core. An introduction to the essential geochemical tools of thermodynamics and kinetics, isotope geochemistry and trace element geochemistry is also provided. The second part of the course examines the geochemistry of igneous, sedimentary and metamorphic rocks and covers topics as diverse as the melting and crystallization of rocks to the contamination of our water supplies and the stability of carbonates in our oceans.  
Note: Credit can only be obtained in one of EASC 320 or CHEM 320.  
Prerequisites: A minimum grade of C- in EASC 219 and and in CHEM 241 or CHEM 242.

**EASC-321 Structural Geology and Tectonics**
3 Credits  
Weekly (3-3-0)
The globe has been shaped by enormous forces that have created mountains and oceans and destroyed continents. In this class, students will learn to interpret geologic maps and cross sections, calculate the stress and strain involved in creating faults, folds, and joints, as well as those involved in orogenies, rift formation, and other crustal tectonics.  
Prerequisites: Minimum grade of C- in EASC 225 and in one of PHYS 108, PHYS 124, or PHYS 144.

**EASC-322 Introduction to Biogeochemistry**
3 Credits  
Weekly (3-3-0)
Biogeochemistry is the study of the chemical, physical, geological, and biological processes and reactions that govern planet Earth. This course provides an introduction to the discipline, focusing on the exchange of energy and elements between the biosphere and the geosphere. The fundamental components of the Earth's system are examined, including the atmosphere, hydrosphere, biosphere, and geosphere, alongside their evolutionary histories and linkages. Topics include the principle biogeochemical cycles, such as the carbon, sulfur, and nitrogen cycles, and their histories. These cycles are assessed in the context of recent environmental and climate change driven by anthropogenic activities. This course incorporates a multitude of disciplines, spanning geology, chemistry, biology, and environmental science.  
Prerequisites: A minimum grade of C- in CHEM 232, CHEM 261 or CHEM 270, and in EASC 226, EASC 270 or EASC 271.  
Note: Credit cannot be obtained in both EASC 322 and CHEM 322.

**EASC-324 Quaternary Environments**
3 Credits  
Weekly (3-3-0)
This course offers an introduction to the Quaternary Period. It provides a broader context for studying modern environmental phenomena and delivers an overview of the key techniques and proxies used in reconstructing Quaternary environmental histories. The course situates the Quaternary within a broad history of Earth’s climate, discussing Quaternary glaciations and conditions during and since the last Ice Age in detail. This course also reviews the methodologies used to reconstruct past conditions, focusing on how these methods are used as windows into the past. The course concludes with the detailed examination of several Canadian case studies using the latest research and environmental reconstructions, such as (but not restricted to) the glaciation and deglaciation of Alberta; Quaternary environmental change in the Canadian Arctic Archipelago; and the paleoenvironments of Beringia. The laboratory classes give hands-on experience with basic environmental reconstruction methodologies.  
Prerequisites: Minimum grade of C- in one of EASC 208, EASC 225 or ANTH 206.

**EASC-330 Igneous, Sedimentary, and Metamorphic Petrology**
3 Credits  
Weekly (3-3-0)
This course highlights Earth’s chemistry, the chemistry of minerals, the chemistry of rocks in different environments, and physical processes in the context of mineral stability and different rock chemistry. There are three main regimes in which rocks form: igneous (from a molten rock material that originated in the interior of the Earth), sedimentary (from weathering of rocks on the Earth’s surface and lithification of loose sediment), and metamorphic (when rocks get exposed to different temperature/pressure regimes within the Earth). Hands-on laboratory exercises provide professional skills for complete mineral and rock identification, and interpretation of rock textures using hand lens, petrographic microscope, and chemical analyses.  
Prerequisites: A minimum grade of C- in EASC 219, or in both EASC 101 and either CHEM 232 or PHYS 224.
EASC-334  
Planetary Surface Imaging  
3 Credits  Weekly (3-3-0)  
Satellite imagery is being used more and more frequently to assess everything from oil spills to fire hazards, from mining potential to archaeology, from water on Mars to methane lakes on Titan. In this course, students learn to interpret images from several different satellite and airborne instruments for applications in geology, environmental studies, urban planning, mining, archaeology, forestry, and planetary science.  
Prerequisites: Minimum grade of C- in EASC 221, EASC 225, or ANTH 206.

EASC-373  
Anthropogenic Climate Change  
3 Credits  Weekly (3-0-0)  
This course provides an advanced examination of the natural physical processes that have driven the global climate system in the past and present. It focuses in particular on how humans are interfering with the climate system and the potential future consequences. It further provides an introduction to simple on-line computer models of the climate system.  
Prerequisites: Minimum grade of C- in EASC 208 or EASC 270.

EASC-375  
Paleoclimatology  
3 Credits  Weekly (3-0-0)  
This course provides an extensive overview of the methods used in paleoclimate research and an in-depth examination of important climate events since the Late Proterozoic, with a concentration on the Late Mesozoic and Cenozoic. Aspects of creating paleoclimate reconstructions, climate effects on geological and biological processes, and the modeling of present climate and extrapolation to past and future climates are emphasized.  
Prerequisites: Minimum grade of C- in EASC 324, or in both EASC 103 and either EASC 208 or EASC 270.

EASC-398  
Independent Study  
3 Credits  Total (0-0-72)  
This course permits an intermediate-level student to work with a faculty member to explore a specific topic in depth through research or through directed reading in primary and secondary sources. The student plans, executes and reports the results of their research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

EASC-495  
Special Topics  
3 Credits  Weekly (0-0-3)  
This course involves reading, discussing and critically evaluating current research on specialized topics in Earth and Planetary Science. Topics covered vary with the interests of students and faculty. Students should consult with faculty members in the Earth and Planetary Science area for details regarding current offerings. Note: this course is intended for students in the final year of their degree. This course may be taken twice for credit.  
Prerequisites: Minimum grade of B- in a 300-level Earth and Planetary Science course and permission of the department.

EASC-498  
Advanced Independent Study  
3 Credits  Total (0-0-72)  
This course permits a senior-level student to work with a faculty member to explore a specific topic in depth through research or through directed reading in primary and secondary sources. The student plans, executes and reports the results of their research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

ECDV-101  
Healthy Environments for Early Learning and Care  
3 Credits  Total (45-0-0)  
In this introductory course, students explore the components of quality early childhood settings. Attention is paid to relevant legislation, regulation, standards and appropriate practices in environments for young children. Selected types of programs for early learning and care are examined. The role of the early childhood educator in creating healthy safe environments for children and their families is discussed. Students reflect on the personal attributes of the early childhood professional.

ECDV-102  
Curriculum I: Creative Expression in Early Learning and Care  
3 Credits  Total (45-10-0)  
Students explore the creative curriculum in programs for early learning and care. They select, plan and implement creative experiences to support the development of literacy, numeracy/math, art, music and dramatic play. Age and developmentally appropriate curriculum and planning concepts including planning for child centred play experience are introduced. The importance of aesthetics in an early learning environment is introduced. The early learning teacher’s role and the child’s role in curriculum development are explored. Students collect and use resources to support the creative curriculum in early childhood settings.

ECDV-110  
Child Development I  
3 Credits  Total (45-0-0)  
In conjunction with ECDV 160, this course provides the students a basic understanding of the growth and development of young children. The focus is on developing a sensitivity to children and the world in which they live, based on historical and current perspectives. Course content includes current and emergent theories and their influence on creating a developmental framework for understanding the study of children. The impact of diversity, culture and lifestyle on child rearing and identity formation is discussed. Students use techniques for observing children’s behaviours and documenting developmental outcomes.
COURSE DESCRIPTIONS

ECDV-115 Communications I: Interpersonal Competencies
2 Credits Total (30-0-0)
This is the first of three courses in an integrated communications stream that support students’ personal and professional development. Focus is on identity information as affected by socialization processes, diversity issues and the role of culture for children and adults. An introduction to developing team concepts and team processes with a view to developing skills in nurturing positive interactions is considered. An emphasis is placed on developing safe, supportive verbal and emotional environments for successful learning for children and adults. A theoretical base for communication is introduced.

ECDV-120 Field Placement I
3 Credits Total (0-0-200)
This is the first of four field placement courses designed to support the student’s progressive development of skills. Field placement provides students with the opportunity to blend theory from classes with practice in early childhood settings. Students are mentored by a university field placement coordinator. Students are assessed in the following categories: professional suitability, participation and performance, and play and curriculum experiences. The focus in this first field placement is on focused observation of, and thoughtful interaction in, children’s play and learning; on developing beginning skills in planning, and on demonstrating professional attitudes by being responsible, cooperative and thoughtful.
Prerequisites: ECDV 101, ECDV 102, ECDV 110 and ECDV 115.
Co-requisites: ECDV 125.

ECDV-125 Integration Seminar I
1 Credit Total (0-0-15)
This course provides an opportunity to reflect on professional practice with peers under the guidance of an instructor. Field placement issues are discussed and class learning in Term I is integrated with practical field experiences. Seminar focuses on recognized early learning and care practice across a broad range of early childhood programs. It also provides an opportunity to discuss issues and explore topics in early learning and care. Seminar engages students at a variety of practice levels. Students come to an integrated grouping in seminar with different experiences in field placement.
Prerequisites: ECDV 101, ECDV 102, ECDV 110, ECDV 115.
Co-requisites: ECDV 120.

ECDV-155 Curriculum II: Learning Through Play
3 Credits Total (45-10-0)
In this course, students explore the nature and development of play in the lives of children. Students learn how to research, organize and prepare meaningful and aesthetic play experiences and play spaces to enhance learning and development in early learning and care settings. Through active exploration, students gain a personal appreciation of the value and functions of play, an understanding of the importance of organization and presentation of materials for play, and their role as adult facilitators. A primary focus is working with preschool children.
Prerequisites: ECDV 101, ECDV 102, ECDV 110, ECDV 115, ECDV 120, ECDV 125, and ENGL 111 or consent of the department.

ECDV-160 Child Development II
3 Credits Total (45-0-0)
In conjunction with ECDV 110, the course provides students with a basic understanding of the growth and development of young children. The focus is on recognizing typical milestones across all developmental domains, and building on theories of child development presented in ECDV 110. Diversity issues are discussed. Observation techniques are used to document children’s development and to make recommendations for programming. Students discuss how cultural values impact child rearing practices. The effects of abuse and resilience in development are discussed.
Prerequisites: ECDV 101, ECDV 102, ECDV 115, ECDV 120, ECDV 125.
Minimum grade of C in ECDV 110.

ECDV-165 Communications II: A Constructivist Approach to Child Guidance
3 Credits Total (45-0-0)
This is the second of three courses in an integrated communications stream that support students’ personal and professional development. There is focus on developing skills and strategies for guiding children’s behaviour in developmentally responsive and supportive ways. Knowledge of child development assists students to understand the issues and techniques presented, and the importance of fostering a strong sense of self and identity. The difference between discipline and guidance is discussed. Students have opportunities to practice communication and guidance skills that support positive interactions with children. Strategies for supporting children with challenging behaviours are introduced.
Prerequisites: ECDV 101, ECDV 102, ECDV 110, ECDV 115, ECDV 120, ECDV 125.
Co-requisites: ECDV 160.
COURSE DESCRIPTIONS

ECDV-170
Field Placement II
3 Credits Total (0-0-200)
This is the second of four field placement courses designed to support the student's progressive development of skills. Field placement provides the student with the opportunity to blend theory from classes with practice in early childhood settings. The student is mentored by a university field placement coordinator. Students are assessed in the following categories: professional suitability, participation and performance, and play and curriculum experiences. In this field placement, students begin to demonstrate effective communication skills and guidance strategies with young children, and continue to develop skills for observing children and planning for safe and interest-based play experiences to meet individual and group needs.
Prerequisites: ECDV 125, ECDV 135, ECDV 165, ECDV 210, plus a minimum grade of C in ECDV 120 and ECDV 125.
Co-requisites: ECDV 175.

ECDV-175
Integration Seminar II
1 Credit Total (0-0-15)
This course provides an opportunity to reflect on professional practice with peers under the guidance of an instructor. Field placement issues are discussed and class learning in Term II is integrated with practical field experiences. Seminar focuses on recognized early learning and care practices across a broad range of early childhood programs. Seminar engages students at a variety of practice levels. Students come to an opportunity to discuss issues and explore topics in early learning and care. Seminar engages students at a variety of practice levels. Students come to an integrated grouping in seminar with different experiences in field placement.
Prerequisites: ECDV 125, ECDV 160, ECDV 165, ECDV 170, ECDV 175 and ECDV 210.

ECDV-201
Curriculum III: Planning for Early Learning and Care
3 Credits Total (45-10-0)
This course focuses on the principles of constructivism, emergent curriculum and inclusive planning in early learning and care environments. Students gain an understanding of, and practice in using a planning cycle for play-based early learning experiences that integrate literacy, numeracy, social studies, science and fine arts. Students document children’s learning. Collection and use of resources for planning are emphasized.
Prerequisites: ECDV 155, ECDV 160, ECDV 165, ECDV 170, ECDV 175 and ECDV 210.

ECDV-210
Family-Centered Practice
2 Credits Total (30-0-0)
Students learn to understand and support the diverse range of families. Students are encouraged to explore their own family experience as a starting point for understanding the diversity of family values, beliefs, lifestyles and needs. The course draws on theory in family dynamics, family systems and communications.
Prerequisites: ECDV 101, ECDV 102, ECDV 110, ECDV 115, ECDV 120, ECDV 125 and ENGL 111.

ECDV-220
Field Placement III
3 Credits Total (0-0-200)
This is the third of four field placement courses designed to support the student's progressive development of skills.

Field placement provides the student with the opportunity to blend theory from classes with practice in early childhood settings. The student is mentored by university field placement coordinator. Students are assessed in the following categories: professional suitability, participation and performance, and play and curriculum experiences. In this field placement, students focus on developing relationships with families, increased responsibility for the daily functioning of the program including more in-depth planning and observation skills, and demonstrate a commitment to professional growth.
Prerequisites: ECDV 201, ECDV 230, ECDV 260 and ECDV 280 plus a minimum grade of C in ECDV 170 and ECDV 175.
Co-requisites: ECDV 225.

ECDV-225
Integration Seminar III
1 Credit Total (0-0-15)
This course provides an opportunity to reflect on professional practice with peers under the guidance of an instructor. Field placement issues are discussed and class learning in Term III is integrated with practical field experiences. Seminar focuses on recognized early learning and care practice across a broad range of early childhood programs. It also provides an opportunity to discuss issues and explore topics in early learning and care. Seminar engages students at a variety of practice levels. Students come to an integrated grouping in seminar with different experiences in field placement.
Prerequisites: ECDV 201, ECDV 230, ECDV 260 and ECDV 280 plus a minimum grade of C in ECDV 170 and ECDV 175.
Co-requisites: ECDV 220.

ECDV-230
Communications III: Working in Professional Teams
2 Credits Total (30-0-0)
This is the third of three courses designed to support personal and professional communication skills. Students gain an understanding of the nature of professional teams and the skills required for successful practice in teams. Context based learning assists the student to apply theory, and develop skills and strategies in working with families and in interdisciplinary and workplace teams. A focus on values, ethics and diversity issues guides discussion of effective problem solving models.
Prerequisites: ECDV 155, ECDV 160, ECDV 210, ECDV 170 and ECDV 175.
Minimum grade of C in ECDV 165.
COURSE DESCRIPTIONS

ECDV-250
Foundations of Early Childhood
2 Credits Total (30-0-0)
Students look at current issues in the field of early childhood development from the view of a reflective practitioner. The course focuses on selected historical philosophers and educators who have shaped present early childhood theory, practice, materials/equipment, and who raised issues still relevant. Contemporary models of early childhood programs and the role of research are examined. Students review a code of ethics and apply it to their practice with families and children. Professional resources, further education and professional associations are presented to assist students in establishing a professional development plan.
Prerequisites: ECDV 201, ECDV 220, ECDV 225, ECDV 230, ECDV 260 and ECDV 280.

ECDV-255
Child Development III
3 Credits Total (45-0-0)
Child Development III extends the principles of Child Development I and II. This course provides students with opportunities to identify and examine the needs of children with developmental challenges, with attention to inclusive principles. Students have regular opportunities to observe and relate to a child with delays or deviations in development. The course is an introduction to the field of exceptionality and is designed to heighten awareness rather than train specialists.
Prerequisites: ECDV 201, ECDV 220, ECDV 225, ECDV 230, ECDV 260 and ECDV 280.

ECDV-260
Family and Community Issues
3 Credits Total (45-0-0)
This course looks at the family from a societal perspective, with the intention of deepening participants’ understanding of the families with whom they will be working and their awareness of issues concerning families. The focus is on the ecology of the family with particular emphasis on family policy, economic issues and the social safety net, power and violence, gender issues, children’s rights/parent’s rights and advocacy. Capacity building and strengths based approaches are presented as strategies to support families and develop resiliency.
Prerequisites: ECDV 155, ECDV 160, ECDV 165, ECDV 170, ECDV 175, ECDV 210.

ECDV-270
Field Placement IV
3 Credits Total (0-0-200)
This is the fourth of four field placement courses designed to support the student’s progressive development of skills.
Field placement provides the student with the opportunity to blend theory from classes with practice in early childhood settings. The student is mentored by a university field placement coordinator. Students are assessed in the following categories: professional suitability, participation and performance, and play and curriculum experiences. In this final field placement, students apply early childhood best practice knowledge to support children’s learning and development. The student will be prepared for entry to professional practice.
Prerequisites: ECDV 250, ECDV 255, ECDV 285 and OOSC 200 plus a minimum grade of C in ECDV 220 and ECDV 225.
Co-requisites: ECDV 275.

ECDV-275
Integration Seminar IV
1 Credit Total (0-0-15)
This course provides an opportunity to reflect on professional practice with peers under the guidance of an instructor. Students bring experience in different field placement settings to group discussion in seminar. Field placement issues are discussed and class learning in Term IV is integrated with practical field experiences. Seminar focuses on recognized early learning and care practice across a broad range of early childhood programs. It also provides an opportunity to discuss issues and explore topics in early learning and care.
Prerequisites: ECDV 250, ECDV 255, ECDV 285 and OOSC 200 plus a minimum grade of C in ECDV 220 and ECDV 225.
Co-requisites: ECDV 270.

ECDV-280
Infant and Toddler Care and Development
3 Credits Total (45-0-0)
In this course, students review developmental stages and milestones for infants and toddlers. Implications of current neurodevelopmental research on early learning and care settings are discussed. The importance of responsive and caring interactions and the adult’s role in planning and providing play and learning environments and experiences is addressed. Students develop strategies for supporting families and respecting diversity. Students gain an understanding of their roles in supporting infant and toddler social and emotional development.
Prerequisites: ECDV 155, ECDV 160, ECDV 165, ECDV 210, ECDV 170 and ECDV 175.

ECDV-285
Curriculum IV: Theories of Early Learning
3 Credits Total (45-0-0)
Building on previous curriculum courses, this course emphasizes theories and curriculum models for early learning and care that arise from a constructivist framework. Reflective practice extends the understanding of the professional’s role in planning for early learning based on theoretical perspectives and an understanding of the importance of diversity and inclusion. Students explore a range of early learning assessment tools, techniques and practices.
Prerequisites: ECDV 201, ECDV 230, ECDV 260, ECDV 280, ECDV 220, ECDV 225.

ECON-101
Introduction to Microeconomics
3 Credits Weekly (3-0-0)
This course will provide an introductory investigation to supply and demand analysis; the theory of production, costs, and price determination under competitive and non-competitive market conditions. Emphasis is given to the Canadian Economy.
ECON-102
Introduction to Macroeconomics
3 Credits Weekly (3-0-0)
Following a brief introduction to the discipline of economics, this course provides an introductory investigation of national income determinations, monetary and banking systems, and fiscal and monetary policies. Contemporary problems of unemployment, inflation, economic growth, exchange rates and international trade are analyzed. Emphasis is given to Canadian issues.

ECON-212
Economic Aspects of the European Union
3 Credits Weekly (3-0-0)
This course focuses on the study of economic policies in the European Union (EU). Though the ideas of trade liberalization and economic integration are as old as economics itself, the ongoing process of integrating Europe is one of the most exciting experiences in human history. The European experience of economic, political, legal, and social integration is a unique opportunity to learn how these processes work and what their dangers are. This course concerns the economic foundations of the Union, as well as current issues. Prerequisites: Minimum grade of C- in ECON 101 and ECON 102.

ECON-213
Introduction to Economics of Developing Countries
3 Credits Weekly (3-0-0)
This course is a survey of case studies from developing countries that focuses on the major approaches to, and problems of, economic development. It emphasizes issues relating to the concept and history of development; development strategies; poverty; population growth; trade, growth, macroeconomic management and globalization; role of institutions in development; linkages between environment and development; savings and investment; and foreign aid. Prerequisites: Minimum grade of C- in ECON 102.

ECON-281
Intermediate Microeconomics
3 Credits Weekly (3-0-0)
Microeconomics aims at explaining phenomena such as changes in relative prices, but it is much more than that: it provides methods for making educated decisions in our day-to-day lives. To that end, it uses a set of principles, a reasoning framework, and a few mathematical models expressed in functions, equations, and graphs. Knowledge of algebra at a high-school level is strongly recommended. Prerequisites: Minimum grade of C- in ECON 101.

ECON-282
Intermediate Macroeconomics
3 Credits Weekly (3-0-0)
Students will explore topics such as models of price, interest rate, output, and employment determination; the impact of fiscal, monetary, and supply shocks; open economy macroeconomics with fixed and flexible exchange rates, and prices as well as international capital mobility. Prerequisites: Minimum grade of C- in ECON 101 and ECON 102.

ECON-289
Introduction to Mathematical Economics
3 Credits Weekly (3-0-0)
This course introduces students to mathematical framework for economic analysis. It examines the fundamental techniques of functions, matrix algebra, differentiation and integration in relation to their application to the concepts to economic analysis. This course cannot be taken for credit if credit has already been obtained in MATH 114. Note: This course can be used to fulfill the arts credit requirements of the Bachelor of Arts and the science credit requirement of the Bachelor of Science. Prerequisites: A minimum grade of C- in ECON 101.

ECON-299
Quantitative Methods in Economics
3 Credits Weekly (3-0-0)
An introduction to the use of mathematical and statistical methods in economics. Economic problems serve as exercises and examples of how such methods can be used. Note: This course is designed for students in the Economics major. Students in a program other than the Economics major require the consent of the department prior to registration. Note: This course can be used to fulfill the arts credit requirements of the Bachelor of Arts and the science credit requirement of the Bachelor of Science. Prerequisites: A minimum grade of C- in ECON 101, ECON 289 or MATH 114, and in one of STAT 151 or STAT 161.

ECON-319
Contemporary Canadian Economic Issues
3 Credits Weekly (0-0-3)
This course examines contemporary Canadian economic issues in relation to macroeconomic performance, monetary and fiscal policies, trade liberalization, environmental management and policies, industrial policies, social policies and regional development. The debates and policies related to contemporary economic aspects of these issues are discussed. Prerequisites: Minimum grade of C- in ECON 101 and ECON 102.

ECON-323
International Economics
3 Credits Weekly (3-0-0)
This course examines the principles underlying the international economy in both trade and finance. Emphasis is placed on the determination of trade patterns, comparative advantage, trade and tariffs, and the macroeconomic effects of exchange rate changes. Note: Students who have taken ECON 421 or ECON 422 for credit cannot receive credit for this course. Prerequisites: Minimum grade of C- in ECON 101.

ECON-290
Economics at Work: Reasoning and Writing in Economics
3 Credits Weekly (3-0-0)
Students review the tools of economic reasoning and use them to analyze a variety of micro- or macro-economic issues from an individual’s perspective. Instruction emphasizes high student engagement both in class and with home assignments. Reading and writing economics materials are both means and ends of this course. Prerequisites: Minimum grade of C- in 6 ECON credits.
ECON-335
Urban Economics
3 Credits  Weekly (3-0-0)
This course explores how economic forces influence development of cities in the spatial, social, and economic dimensions, cause cities to grow or shrink, affect urban problems such as poverty, crime and congestion, make urban housing markets to work, and shape taxation and spending policies of governments.
Prerequisites: Minimum grade of C- in ECON 101.

ECON-341
Money and Banking
3 Credits  Weekly (3-0-0)
An analysis of the role of money and credit in the exchange process; the savings-investment process; commercial banking; financial intermediaries; financial markets; central banking and regulations of financial institutions.
Prerequisites: Minimum grade of C- in ECON 102.

ECON-350
Economics of Public Expenditure
3 Credits  Weekly (3-0-0)
This course analyzes public expenditure policies and other issues involved in the provision of public services. The key topics include: public goods, externalities, public choice, fiscal federalism, healthcare, education, and public pensions.
Prerequisites: Minimum grade of C- in ECON 101.

ECON-353
Taxation Policy and Structure
3 Credits  Weekly (3-0-0)
This course is designed to introduce students to the basic structure of a tax system and various tax policy issues. Particular attention is paid to the Canadian tax structure and its role in attainng certain goals of society. The key concepts in this course include tax incidence, economic effects of taxes, and tax policy design.
Prerequisites: Minimum grade of C- in ECON 101.

ECON-355
Economics of Project Evaluation
3 Credits  Weekly (3-0-0)
This course covers the use of cost-benefit analysis and other economic methods in evaluating private and public investment projects with examples from transportation, river basin management, electrical generation, and oil and gas.
Prerequisites: Minimum grade of C- in ECON 101.

ECON-357
Topics in Applied Economics
3 Credits  Weekly (3-0-0)
This course focuses on the economic aspects and related policy issues of selected areas such as: health and health care, labour, sports, and law. Topics vary and are announced prior to registration. Consult with faculty members in Economics for details regarding current offerings.
Prerequisites: Minimum grade of C- in ECON 101.

ECON-365
Resource Economics
3 Credits  Weekly (3-0-0)
This course examines the issues involved in the production of exhaustible and renewable natural resources, including exploration, extraction, and taxation; scarcity and pricing; and contemporary Canadian resource policy issues.
Prerequisites: Minimum grade of C- in ECON 101.

ECON-366
Energy Economics
3 Credits  Weekly (3-0-0)
This course examines the economics of producing and consuming energy, pricing, role in economic growth, energy sources and markets, the role of government, regulation and other energy policy issues.
Prerequisites: Minimum grade of C- in ECON 101.

ECON-369
Economics of the Environment
3 Credits  Weekly (3-0-0)
This course examines economic growth and the deterioration of the environment, types and causes of environmental deterioration, theory, policy, and measurement relating to environmental deterioration, and current Canadian environmental topics.
Prerequisites: Minimum grade of C- in ECON 101.

ECON-373
Industrial Organization
3 Credits  Weekly (3-0-0)
This course presents a survey of the theories of behaviour and performance of firms under different market structures, game-theoretical concepts applied to the study of strategic behaviour in the market, case studies, and Canadian antitrust policy and practice.
Prerequisites: Minimum grade of C- in ECON 281 and MATH 113.

ECON-384
Microeconomic Theory
3 Credits  Weekly (3-0-0)
This course examines extensions and applications of microeconomic topics such as inter-temporal choice, uncertainty, game theory, externalities, public goods, asymmetric information, and general equilibrium. Recommended to students who wish to deepen their understanding in microeconomic theory and analytical skills in using microeconomic models.
Prerequisites: Minimum grade of C- in ECON 281 and MATH 114.

ECON-385
Macroeconomic Theory
3 Credits  Weekly (3-0-0)
Building on Intermediate Macroeconomics, students examine government budget constraint and public debt; neoclassical growth theories; theories of aggregate consumption; investment, money demand and money supply.
Prerequisites: Minimum grade of C- in ECON 281 and ECON 282.

ECON-389
Mathematical Economics
3 Credits  Weekly (3-0-0)
This course focuses on mathematical techniques used to set and solve economic problems. Topics include principles and applications of total and partial differentiation, comparative static analysis, constrained and unconstrained optimization, linear inequalities, convexity, programming, other mathematical theories of interest in modern economics. Note: This course can be used to fulfill the arts credit requirements of the Bachelor of Arts and the science credit requirement of the Bachelor of Science.
Prerequisites: A minimum grade of C- in ECON 281, ECON 282, and in either ECON 289 or MATH 114 and MATH 120.
ECON-398
Individual Study
3 Credits
Total (0-0-45)
This course permits a senior-level student to work with an instructor to explore specific economic topics in a certain field of economics through directed reading and research using primary and secondary sources. 
Prerequisites: Consent of the department.

ECON-399
Introductory Econometrics
3 Credits
Weekly (1.5-1.5-0)
This course provides an elementary treatment of major topics in econometrics with emphasis on applied regression methods, econometric model building and applications, introduction to, and practice of empirical research methods; identifying topics, collecting data, and writing a research report. 
Note: This course can be used to fulfill the arts credit requirements of the Bachelor of Arts and the science credit requirement of the Bachelor of Science. 
Prerequisites: A minimum grade of C- in ECON 299.

ECON-401
Field Placement
3 Credits
Weekly (6-0-0)
In this course, the students are assigned to a public, private, or nonprofit organization where they apply their knowledge and skills in research, evaluation, management or analytical aspects of a project. 
Note: This course does not fulfill the 400-level requirement for the major and minor. 
Prerequisites: Minimum grade of C- in ECON 299 and consent of the department.

ECON-414
Development Economics
3 Credits
Weekly (3-0-0)
This course focuses on economic models of growth and development in developing countries. Topics include poverty and inequality, population dynamics, the role of agriculture, industry, saving and investment, fiscal and macro policies, international trade and globalization in structural transformation of developing countries as well as the various approaches to development planning. 
Prerequisites: Minimum grade of C- in ECON 281 and ECON 282.

ECON-421
International Trade
3 Credits
Weekly (3-0-0)
The course focuses on: nature and relevance of international trade; early trade doctrines; the theory of comparative advantage; classical and modern approaches and empirical evidence of them; new approaches to the pure theory of international trade; economic growth and international trade; market imperfections and trade; commercial policy; economic integration and the gains from trade. 
Prerequisites: Minimum grade of C- in ECON 281 and MATH 114.

ECON-422
International Payments
3 Credits
Weekly (3-0-0)
This course examines these macroeconomic topics: the types of international transactions, macromarkets in an open economy, exchange rates, balance of payments adjustments, and issues within the international monetary system. 
Prerequisites: Minimum grade of C- in ECON 281, ECON 282 and MATH 114.

ECON-441
Monetary Theory and Policy
3 Credits
Weekly (3-0-0)
In this course, students examine formal modeling of money and recent developments in monetary economics, including inflation tax and the optimum quantity of money. Key topics include term structure of interest rates, money and economic activity, rules versus discretion in monetary policy, and the role of financial deregulation. 
Prerequisites: Minimum grade of C- in ECON 281, ECON 282 and MATH 113.

ECON-442
Economics of Financial Markets
3 Credits
Weekly (3-0-0)
The central topics covered in this course include the measurements of risk, hedging and speculation, market microstructure, asset pricing and market equilibrium. 
Prerequisites: Minimum grade of C- in ECON 281, STAT 141, and MATH 113.

ECON-447
Environmental and Natural Resource Policy
3 Credits
Weekly (3-0-0)
The course focuses on the relationships between economic activities, environment and ecosystem; designing, implementing, managing and evaluating domestic, regional and global policy issues related to environmental, renewable and non-renewable resources. The course also discusses Canadian environmental problems and critically analyzes the policies used to address those problems. 
Prerequisites: Minimum grade of C- in MATH 114, ECON 281 and ECON 365 or ECON 366 or ECON 369.

ECON-481
Advanced Microeconomic Theory
3 Credits
Weekly (3-0-0)
This honors level course is an advanced microeconomics study of producer and consumer theory, general equilibrium and welfare economics, and selected topics. 
Prerequisites: Minimum grade of C- in ECON 384 and ECON 389 or consent of the department.

ECON-482
Advanced Macroeconomic Theory
3 Credits
Weekly (3-0-0)
This course explores modern macroeconomic theory including theories of business cycles and growth, microfoundations of macro models, government budget constraints, expectations formation, the open economy and representative agent optimizing models. 
Prerequisites: Minimum grade of C- in ECON 384 and ECON 385.

ECON-495
Applied Econometrics
3 Credits
Weekly (1.5-1.5-0)
This course covers topics that are beyond the scope of ECON 399, such as panel data models, instrumental variables, limited dependent variables, and simultaneous equations. The learning method is substantially based on computer lab work. The theory behind each econometric method studied in this course is provided only as much as necessary for the sound understanding of the respective method. 
Prerequisites: Minimum grade of C- in ECON 399.
ECON-497
Economic Analysis: A Capstone Seminar
3 Credits Weekly (0-0-3)
Students use their understanding of economic theory and quantitative knowledge to investigate in depth an economic issue. In a structured environment, they learn how to analyze economic problems, find solutions and write reports. They also practice how to formally discuss critique and evaluate other economic reports and publications.
Prerequisites: A minimum grade of C- in ECON 281, ECON 282, and ECON 399. ECON 399 may be taken as a co-requisite (or concurrently) with the consent of the department.

ECON-498
Advanced Independent Study
3 Credits Total (0-0-45)
This course permits a senior-level student to work with an instructor to explore a specific economic topic in depth through directed reading and research using primary and secondary sources.
Prerequisites: A minimum grade of C- in ECON 281 and ECON 282 and ECON 299 and consent of the department.

ECON-499
Honours Thesis
3 Credits Total (0-0-45)
Under the direction of a faculty supervisor registered students conduct a research project culminating in a written Honours Thesis with oral defense. This course is restricted to students in the Honours Economics Program and may only be taken in their final year of the program.

ECRP-131
Call Processing/Radio Communications
3 Credits Weekly (3-2-0)
Students examine the basics of call processing and radio communications. The course includes theory, technical language, and the application of equipment used in emergency and non-emergency communication centres. Students practice call-taking, radio communications, and dispatching skills.
Co-requisites: ECRP 141.

ECRP-141
Emergency Communications I
3 Credits Weekly (3-2-0)
The theory and techniques of call taking and dispatching as applied to police, fire, and medical communications are examined. The role of the emergency communicator in a mission critical environment is discussed. A focus on managing resources and callers is included. Skills in call taking and dispatching are practiced through role playing and simulated laboratory experiences.
Prerequisites: ECRP 131. May also be taken as a Co-requisite.

ECRP-151
Emergency Communications II
3 Credits Weekly (3-2-0)
Theory and techniques of call taking and dispatching as applied to police, fire, and medical emergency communications are examined in detail. An overview of the history and organizational structure of police, fire and medical services as well as the interrelationship of these services in responding to a critical incident is examined. An emphasis on deployment principles and protocols is included. Skills are developed in call taking and dispatching of multiple incidents through role playing and simulated laboratory experiences.
Prerequisites: ECRP 141.

ECRP-161
Emergency Planning
2 Credits Weekly (2-0-0)
This course focuses on the stages involved in planning, preparation, and management of a response to an emergency, disaster, or crisis situation with emphasis on the role of the emergency communicator. Natural and man-made disasters, risk analysis, and emergency management plans are examined.

ECRP-171
Field Placement
2 Credits Total (0-0-100)
This course provides the student with related practical field experiences. The placement offers the unique opportunity to observe and participate in a variety of learning activities related to the field.
Co-requisites: ECRP 172.

ECRP-172
Integration Seminar
1 Credit Total (15-0-0)
This course integrates theory and practice by linking the knowledge, skills, and values gained in the classroom through discussions of issues experienced in the field placement. The focus is on professional practice, ethical decision making and work expectations in a team environment. Integration seminar is taken concurrently with ECRP 171 - Field Placement.
Co-requisites: ECRP 171.

ECRP-181
Document Processing in Emergency Communications
1 Credit Weekly (1-2-0)
Students explore the variety of tools, documents and reports commonly used within an emergency communications centre. Students create, format and use various documents and reports such as call logs and protocols. Quality improvement and quality assurance tools utilized within a communications centre are examined.

EDFX-200
Introduction to the Profession of Teaching
3 Credits Weekly (3-0-0)
This course explores the complex roles of teachers as professionals in contemporary schools. Through classroom experiences, students become familiar with the scope and expectations of the role of the teacher and the framework within which teachers work.

EDPY-200
Educational Psychology for Teaching
3 Credits Weekly (3-0-0)
This course deals with the teaching-learning process and student behaviour. It includes theory, research, and illustrations, all dealing with the classroom application of psychological principles. Topics typically covered are student development, student learning and instruction, individual and group differences in student abilities, and student motivation. The course presents the basic principles of effective teaching and learning using a balanced theoretical orientation.
EDUC-100  
Contexts of Education  
3 Credits  
Weekly (3-0-0)  
This course explores the complex nature of teachers and the teaching profession. Students become familiar with the scope and expectations of the role of the teacher and the framework within which teachers work by examining teachers' interactions with systems and school policies. This course accentuates topics such as: diversity and inclusive practice, shaping learning environments, school and societal cultures, assessment, and professional conduct.

EDUC-210  
Introduction to Educational Technology  
3 Credits  
Weekly (3-3-0)  
This course examines frameworks, trends, issues and scenarios on the role of technology in education. Students gain hands-on experience of using technology, with a special emphasis on strategies for integrating technology into the school curriculum. Students may not receive credit for both EDUC 210 and EDIT 202.

ENCP-100  
Computer Programming for Engineers  
3.8 Credits  
Weekly (3-3-0)  
This course covers the fundamentals of computer programming with emphasis on solving engineering problems. Topics include: programming language syntax data types, statements, arrays, control structures, loops, functions, data structures, and files. Note: This course is restricted to Engineering students.

ENGG-101  
Orientation to the Engineering Profession I  
1 Credit  
Weekly (1-0-0)  
This course provides an introduction to the engineering profession and its challenges. Career fields, professional responsibilities of the engineer, ethics, and concepts of sustainable development and environmental stewardship are explored. Note: Restricted to Engineering students.

ENGG-130  
Engineering Mechanics - Statics  
4 Credits  
Weekly (3-2-0)  
Equilibrium of planar systems is presented in this course. The course also provides an introduction to the analysis of statically determinate trusses and frames, explores the concept of friction, and introduces the concept of centroids and centres of gravity. Topics also include forces and moments in beams and second moments of area. Note: Restricted to Engineering students.  
Prerequisites: Pure Mathematics 30, Mathematics 31, Physics 30.

ENGL-010-1  
English 10-1  
5 Credits  
Weekly (7.5-0-0)  
The goals of English 10-1 are to provide an advanced study in the academic stream of literature. This study includes the following genres: the short story, the essay, the novel, modern drama, Shakespearean drama, poetry, language skills including reading, writing, representation, speaking, listening and viewing. Critical and interpretative skills are emphasized through the understanding and appreciation of literature. This course is equivalent to Alberta Learning's English 10-1.  
Prerequisites: Grade 9 Language Arts or equivalent.

ENGL-010-2  
English 10-2  
5 Credits  
Weekly (7.5-0-0)  
English 10-2 is an introductory academic stream course. It focuses on the study of literature and emphasizes the development of language skills including reading, writing, speaking, listening, viewing and representing. This course emphasizes development of oral and written communication skills, reading for enjoyment and personal growth, and language skills for the everyday world. Basic grammar and sentence building are reviewed. This course is equivalent to Alberta Learning's English 10-2.  
Prerequisites: Grade 9 Language Arts or equivalent.

ENGL-020-1  
English 20-1  
5 Credits  
Weekly (7.5-0-0)  
The course builds upon the skills and concepts developed in English 10-1. Emphasis is placed on analytical skills through the detailed study of literature, including: the short story, the essay, the novel, modern drama, Shakespearean drama, and poetry. This course is equivalent to Alberta Learning's English 20-1.  
Prerequisites: ENGL 010-1 or equivalent.

ENGL-020-2  
English 20-2  
5 Credits  
Weekly (7.5-0-0)  
English 20-2 is an intermediate non-academic stream study of literature emphasizing the development of language skills including reading, speaking, writing, listening, viewing, and representing. This course is equivalent to Alberta Learning's English 20-2.  
Prerequisites: ENGL 010-2 or equivalent.

ENGL-030-1  
Senior Academic English  
5 Credits  
Weekly (7.5-0-0)  
The goals of English 30-1 are to provide an advanced study in the academic stream of literature. This study includes the following genres: the short story, the essay, the novel, Shakespearean drama, poetry and either a modern drama or a film study. Language arts skills, including reading, writing, speaking, viewing, listening and representing, are covered with the literature in thematic units. Intensive analytical and interpretative skills are emphasized along with the refinement of formal writing skills.  
Prerequisites: ENGL 020-1 or equivalent.

ENGL-030-2  
Senior Non-Academic English  
5 Credits  
Weekly (7.5-0-0)  
The goals of English 30-2 are to provide an advanced study in the non-academic stream of literature. This study includes the following genres: the short story, the essay, drama, film, poetry and the novel. Language art skills, including reading, writing, speaking, viewing, listening and representing, are emphasized. A variety of literature is studied in thematic units. As well, a unit focuses on employment skills. Primary focus in this course is placed on comprehensive and clear communication.  
Prerequisites: ENGL 020-2 or equivalent.
ENGL-086
ELP for University - Reading and Writing
5 Credits Weekly (7.5-0-0)
This course is intended to provide intensive English reading and writing preparation for post secondary studies. The course challenges the advanced student to complete authentic assignments and master advanced level material in English. An integrated approach is used in which students practice reading and writing skills. Independent thinking is encouraged through questions for analysis following readings. The focus of the course is on a wide range of academic content and extensive practice in English. Test taking strategies and study skills are also included. Information is presented to students in forms that challenge their language abilities. As in university courses, readings present problems and competing points of view. Students are asked to work with and analyze ideas and to use communication of these ideas as a means of improving their English. Prerequisites: EAL Placement Test (Reading/Writing 86) or IELTS 5.5 or TOEFL IBT 70 or CAEL 60 or Minimum B- in ERDW 084 and minimum B- ESPL 083.

ENGL-087
ELP for University - Listening and Speaking
5 Credits Weekly (7.5-0-0)
ELP for University - Listening and Speaking is intended to provide intensive English listening and speaking preparation for post secondary studies. The course challenges the advanced student to listen to authentic lectures, documentaries and other high level material in English. Independent thinking is encouraged through questions for analysis following lectures. The focus of the course is on a wide range of academic content and extensive practice in English. Information is presented to students in forms that challenge their language abilities. The information is often intentionally controversial in order to stimulate discussion. As in university courses, lectures present problems and competing points of view. Students are asked to work with and analyze ideas and to use communication of these ideas as a means of improving their oral English skills. Prerequisites: EAL Placement Test (Speaking/Listening 85) or IELTS 5.5 or TOEFL IBT 70 or CAEL 60 or Minimum B- in ESPL 084 and minimum B- in ERDW 083.

ENGL-102
Analysis and Argument
3 Credits Weekly (3-0-0)
This course helps students to develop the academic writing skills they use throughout their university studies. The essay is the most important genre in this course, but students may also study works from other genres. By analyzing, summarizing, synthesizing, and critiquing a variety of texts, students learn how to develop their own analyses and arguments with appropriate and correctly documented primary and secondary sources. A thorough review of grammar and sentence structure is a key component of this course. Note: Students should not register in more than one first-year English course per term.

ENGL-103
Introduction to Literature
3 Credits Weekly (3-0-0)
Building on the writing skills students developed in ENGL 102: Analysis and Argument, ENGL 103 continues to develop critical thinking and writing skills applicable across the university curriculum through intensive reading and analysis of literary texts. In addition to a minimum of one play, novel, or novella, students analyze works from other literary genres. By the end of this course, students will be able to: (1) read and write about a variety of literary genres; (2) analyze and critique a variety of literary texts; (3) learn how to develop their own analyses and arguments based on evidence from these texts; and (4) learn how to organize and synthesize information in writing. Prerequisites: Minimum grade of C- in ENGL 102.

ENGL-104
Introduction to Indigenous Literature
3 Credits Weekly (3-0-0)
ENGL 104 seeks to develop critical thinking and writing skills applicable across the university curriculum through intensive reading and analysis of specifically Indigenous literature. Students analyze works by Indigenous writers from various literary genres, with additional cultural opportunities built into the course, such as opportunities to meet with elders, participate in ceremonies, and so on. These opportunities expand the contextualization of the literature and give students a unique sense of the connection between literature and a distinct community. ENGL 104 covers the basics of literary analysis, research and reading skills imperative to all university disciplines. Note: Students should not register in more than one first-year English course per term.

ENGL-108
Introduction to Language and Literature
3 Credits Weekly (3-0-0)
This course combines instruction in writing with the study of the essay and the short story. Students may also study other forms of literature such as articles, poems, and drama. This course aims to increase students’ appreciation of literature and to give them practice in academic writing. This course is not to be taken by students in Arts, Science, or Education. Note: Students should not register in more than one first-year English course per term.
ENGL-111 Communications

3 Credits Weekly (3-0-0)
This course aims to help students improve all their communication skills: writing, reading, speaking, and listening. The main emphasis, however, is on writing skills. Students write an expository and a persuasive essay, summarize written text, and apply principles of clear and correct writing to their own compositions. Students learn research and documentation strategies and strengthen and expand their writing skills so that they can write more effectively for a variety of audiences and purposes. Students may choose from a number of delivery options that include classroom and online sections. Notes: 1) This course is for students in Certificate and Diploma programs; 2) Students should not register in more than one first-year English course per term. 3) This course cannot be used to meet the requirements of the BA or BSc degrees.

ENGL-132 Discovering Tradition: English Literature from its Beginnings to 1660

3 Credits Weekly (3-0-0)
This course demonstrates the development and flourishing of British literature from its very beginnings in the Old English period to the Restoration, introducing students to representative works and authors of the major periods of British literature up to the mid-seventeenth century. Because ENGL 132 and ENGL 133 provide students with a solid foundation in the history and development of English literature and lay the foundation for the further academic study of literature, they are strongly recommended for students intending to major or minor in English. English 132 and 133 satisfy 6 literacy credits for the Bachelor of Arts Degree. Note: Students should not register in more than one first-year English course per term.

ENGL-133 Discovering Modernity: English Literature from 1660 to the Present

3 Credits Weekly (3-0-0)
This course is a continuation of ENGL 132, covering the major works and authors in British literature from the seventeenth century to the present, illustrating the variety and complexity of this literature during centuries of rapid growth and change. Because ENGL 132 and ENGL 133 provide students with a solid foundation in the history and development of English literature and lay the foundation for the further academic study of literature, they are strongly recommended for students intending to major or minor in English. English 132/133 satisfies 6 literacy credits for the Bachelor of Arts Degree. Notes: Students cannot receive credit for both English 133 and English 103. Students should not register in more than one first-year English course per term.

Prerequisites: Minimum grade of C- in ENGL 132.

ENGL-199 Writing for Engineers

3 Credits Weekly (3-0-0)
This course is designed to develop the student’s ability to write expository, analytical, technical, and persuasive prose. Instruction and practice are integrated with the study of prose models drawn from modern essayists. A review of basic grammar is included. Note: This course is restricted to students in University Transfer Engineering. Prerequisites: Acceptance into the Engineering Transfer Program.

ENGL-205 Rhetoric and Textual Analysis

3 Credits Weekly (3-0-0)
English 205 is an introduction to the rhetorical tradition and to the fundamental ways in which rhetoric has informed English literature and literary criticism. The devices and schemes of rhetoric—from the level of the sentence to that of overall argument—give shape to both writing and thinking about writing. Students learn to write analytically about the rhetoric of texts and cultural artifacts in various modern settings. The course stresses the development of analytic skills that are central to the study of literature. Prerequisites: Minimum grade of C- in ENGL 103, ENGL 133 or 6 credits of 100 level University English.

ENGL-207 Sentence Style and Textual Analysis

3 Credits Weekly (3-0-0)
English 207 is an introduction to the fundamental elements of Modern English in relation to the art of sentence writing. Students explore the relation between style and grammar in a variety of contexts and learn to write analytically about the elements of sentence style in modern texts as well as to parse and edit their own sentences. The course stresses the development of analytic skills that are central to the study of literature. Prerequisites: Minimum grade of C- in ENGL 103, ENGL 133 or 6 credits of 100 level University English.

ENGL-211 Business Communication

3 Credits Weekly (3-0-0)
This course focuses on effective problem-solving approaches in business writing. Letters, memos, emails, and reports, often presented in case study formats, aid in developing expertise in gathering and analyzing data, writing with a clear sense of purpose, and writing with a reader’s needs clearly in mind. Although the principles of clear, concise business communication are covered, the main emphasis is on practical applications of these concepts. Note: This course is for students in Certificate and Diploma programs. Prerequisites: ENGL 111.

ENGL-214 Creative Writing

3 Credits Weekly (3-0-0)
This is a workshop course, designed to encourage students to experiment with a variety of forms and styles of short fiction and poetry. The focus is on helping each student to produce a polished portfolio of creative work. This enterprise is accomplished within a context of learning about the nature of creativity and the craft of writing. Students will study the work of established writers and participate in giving and receiving constructive feedback in a collegial workshop setting. Note: This course is for students in career programs.
ENGL-215
Sports in Literature
3 Credits Weekly (3-0-0)
This course explores the intersection of literature, sports, and culture. Students read a selection of sports-themed literature across a variety of genres, including novels, graphic novels, short stories, poetry, literary journalism, biography, autobiography, and film. Selected texts represent a diverse range of sports and approaches.
Prerequisites: Minimum grade of C- in English 103 or six credits of university English.

ENGL-219
Readings-Speculative Fiction
3 Credits Weekly (3-0-0)
This course introduces students to a representative sampling of science fiction and fantasy. Students will examine the way these two genres emerge from the broader category of speculative fiction in the late nineteenth century and then develop into a host of subgenres during the twentieth and twenty-first. From classics in early science fiction and fantasy to contemporary cyberpunk and steampunk, the course explores the style and function of fiction that speculates on worlds both possible and impossible.
Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-240
The Bible as Literature
3 Credits Weekly (3-0-0)
From the Middle Ages to the present, writers have incorporated allusions to both the Hebrew Bible and the New Testament to enrich their texts. A grasp of the significance of these allusions deepens a reader’s understanding and appreciation of many of the major works in English literature. This course focuses on prominent texts in the Bible such as Genesis, the Book of Job, Ecclesiastes, the Gospels, Revelation, and selected psalms and proverbs.
Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-243
Genesis of English Literary Forms: Old English to late Renaissance
3 Credits Weekly (3-0-0)
This course is an introduction to genres and literary forms that emerged during the early development of English Literature. Students read a selection of texts from the Old English through late Renaissance periods and are introduced to literary analysis at a level beyond the first-year level. Potential texts include Beowulf, Piers Plowman, and the Towneley plays, as well as the writings of people like Gower, Marlowe, Donne, and Spenser. Students also learn how to write analytically about literature.
Prerequisites: Minimum grade of C- in English 103 or six credits of university English.

ENGL-282
Introduction to the Short Story
3 Credits Weekly (3-0-0)
This course is an introduction to the main generic elements of the short story. Students read a selection of stories from the mid-nineteenth through early twenty-first centuries and are introduced to the basics of narrative theory. Students also learn how to write analytically about fiction.
Note: Not to be taken by students with credit in the former English 206.
Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-283
Introduction to the Novel
3 Credits Weekly (3-0-0)
In this course, students study the main generic elements of the novel in English. Students read landmark novels from the eighteenth through twenty-first centuries and are introduced to the basics of narrative theory. Students also learn how to write analytically about novels.
Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-284
Introduction to Drama
3 Credits Weekly (3-0-0)
In this course, students read a selection of plays from the last two and a half thousand years. This is a genre course in drama, introducing students to the diverse forms of dramatic literature (mostly from the Western canon) and to a number of major playwrights. The course focuses on elements of dramatic structure, aesthetics, and genre, within the context of theatre history and cultural history more broadly. Students will learn how to write analytically about plays and playwrights.
Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-285
Introduction to Poetry
3 Credits Weekly (3-0-0)
In this course, students read a selection of mostly short English poems from the last thousand years. This is a genre course in poetry; it approaches the very broad and historically malleable genre of poetry through the basic elements of poetic language and form. Students also learn how to write analytically about poems. Note: Not to be taken by students with credit in the former English 293.
Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-286
Introduction to Literary Non-Fiction
3 Credits Weekly (3-0-0)
In this course students study various forms of literary non-fiction, such as the memoir, the personal/familiar essay, biography, travel literature, and literary journalism. Selected works are drawn from across a range of national literatures and time periods, with an emphasis on modern texts. Students are introduced to the basics of narrative theory and key theoretical issues related to literary non-fiction. Students also learn how to write analytically about literary non-fiction.
Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.
ENGL-299
Academic Essay Writing for Education Students
3 Credits  Weekly (3-0-0)
ENGL 299 is designed to increase Education-bound students’ ability to write and analyze non-fiction expository prose, including academic writing. Readings and topics are chosen with the interests and needs of Education-bound students in mind. The course focuses on the study of style and rhetoric and their application to students’ writing and on the relationship between content and form in non-fiction writing. This is not a remedial course in grammar or writing, though there may be some review of these matters; rather the class focuses on honing students’ expository writing and critical reading, writing, and analytical skills. Both in and out of class, students write a total of at least 6,000 words. Students write at least one in-class essay. There is no final exam.

Note: Not to be taken by students with credit in ENGL 297.
Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-320
Later Middle English Literature
3 Credits  Weekly (3-0-0)
This course focuses on the literature of fourteenth and fifteenth-century England by examining a selection of poetry, prose and drama from one of the richest periods of English literature. From the world of Beowulf to the Anglo-Norman court, from Old English epic and elegy to early medieval lyric and romance, the themes and forms from this period have reverberated throughout English literature and inspired countless writers down to our own time, including Tolkien and Lewis. Students read most works in translation, although some early Middle English works may be read in the original.

Prerequisites: A minimum grade of C- in six credits of university English, not including English 108, English 111, or English 199.

ENGL-307
The History of the English Language
3 Credits  Weekly (3-0-0)
This course traces the history of English from its ancient Indo-European and Germanic roots to the Early Modern Period. By examining representative texts from Old, Middle, and Early Modern English, students learn how English spelling, pronunciation, grammar, vocabulary, and syntax have evolved. English 307 stresses the development of analytic skills that are central to the study of literature.

Prerequisites: Minimum grade of C- in ENGL 103, ENGL 133 or 6 credits of 100 level University English.
ENGL-324 Chaucer 3 Credits Weekly (3-0-0) This course focuses on the works of Geoffrey Chaucer, one of the greatest poets in English literature. Chaucer’s place in English literature is central; his poetry in its rich diversity has influenced writers in English from Shakespeare to Tolkien. The Canterbury Tales are justly considered his masterpiece, but just as accomplished and equally influential are the early dream visions and the great love poem Troilus and Criseyde. Despite the passage of time, Chaucer’s works in their humour, compassion, and beauty remain fresh, accessible, and, in many ways, surprisingly contemporary. Prerequisites: A minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111, and ENGL 199.

ENGL-336 Studies in Shakespeare 3 Credits Weekly (3-0-0) This course introduces students to the range and depth of Shakespeare’s drama through the attentive reading of a variety of plays. Comedies, histories, tragedies, and romances allow students to understand Shakespeare’s thought and the dramatic genres in which he wrote. Note: Not to be taken by students with credit in the former English 239 or 338. Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-337 Topics in English Renaissance Literature 3 Credits Weekly (3-0-0) This course is a senior-level course that examines Renaissance literature through a more detailed study of a particular topic. The topic in any given year is determined by the instructor. Examples of topics include, but are not limited to, genre-based approaches (such as Renaissance Drama excluding Shakespeare or the Engilshing of the Sonnet), thematic approaches (such as the status of women or the portrayal of mental illness) or specialized topics (such as the portrayal of political conflict in 16th-century political pamphlets, religious themes in metaphysical poetry, or sexuality in Cavalier literature). For specific information on the current offering, contact the English Department. Prerequisites: A minimum grade of C- in six credits of university English, not including English 108, English 111, or English 199.

ENGL-340 Studies in 17th Century English Literature 3 Credits Weekly (3-0-0) The seventeenth century was a period of revolution and remarkable literary experimentation. The decades between 1600 and the restoration of the monarchy experienced dramatic social change, religious upheaval, a regicide, scientific discovery, and expanding colonization of the “New World.” This period also produced some of the most influential works of English literature. The course examines a representative range of poetry and prose by writers as diverse as Donne, Jonson, Marvell, Herbert, Wroth, Bacon, Bunyan, Behn, Hobbes, Burton, Cavendish, Walton, and Winstanley. Prerequisites: A minimum grade of C- in six credits of university English, not including English 108, English 111, or English 199.

ENGL-341 Augustan Literature 3 Credits Weekly (3-0-0) Students study the authors, works, and genres that were predominant in the Augustan Age and broader Neoclassical Period, between 1660 and 1785. This course includes a selection of drama, fiction, essays, and poetry by eighteenth-century writers such as John Dryden, Alexander Pope, Jonathan Swift, Lady Mary Wortley Montagu, and Samuel Johnson. Prerequisites: A minimum grade of C- in six credits of university English, not including English 108, English 111, or English 199.

ENGL-342 Topics in the Long 18th Century Literature 3 Credits Weekly (3-0-0) Students focus on a single topic in eighteenth-century literature, such as a particular genre (drama, poetry, the novel, prose), author, group of authors, region, or theme. For detailed information about the current course offering, please consult the English Department. Prerequisites: A minimum grade of C- in six credits of university English, not including English 108, English 111, or English 199.

ENGL-348 Milton 3 Credits Weekly (3-0-0) This course examines the achievements of John Milton, in both prose and in verse. The course primarily focuses on the major works of Milton: Paradise Lost, Paradise Regained, and Samson Agonistes, but it also examines a select number of Milton’s minor poems and prose works. Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.
ENGL-350
Topics in Romantic Literature
3 Credits  Weekly (3-0-0)
Conventionally book-ended by the French Revolution in 1789 and the beginnings of modern democratic reform in 1832, the Romantic period in Britain was a time of intense social and political upheaval. This course acquaints students with the diverse literature of the period in relation to its complex and volatile literary, intellectual, and historical contexts. Each iteration of this course focuses on a single topic within Romantic literature, such as a single genre, theme, or generation of authors. The specific topic and approach depends on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.
Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-352
Early Victorian Literature
3 Credits  Weekly (3-0-0)
In the literature of this earlier Victorian period marked by energetic and momentous change, writers conveyed a multitude of doubts about religious faith and changing gender roles, while also voicing moral quandaries about class privilege and imperial rule. This course explores selected fiction, poetry, and non-fiction (from 1832 to 1870) in the context of the dominant ideological concerns which show Victorians as self-consciously modern and engaged in vigorous self-scrutiny.
Prerequisites: A minimum grade of C- in six credits of university English, not including English 108, English 111, or English 199.

ENGL-353
Later Victorian Literature
3 Credits  Weekly (3-0-0)
This course focuses on the late nineteenth-century reaction to the aesthetic, religious, and sexual mores of the preceding “high” Victorian period. The closing century’s apocalyptic tenor finds expression in metaphors and themes of the period’s literature, concerns embodied discursively in response to the New Imperialism, the New Woman, and the Aesthete or Decadent. The course looks at selected fiction, poetry, and non-fiction (from about 1860-1900) in the context of contemporary cultural anxieties about social upheaval, gender crisis, and moral turmoil, the dialectic of change enacted in Pre-Raphaelitism and the Aesthetic and Decadent movements of the 1890s.
Prerequisites: A minimum grade of C- in six credits of university English, not including English 108, English 111, or English 199.

ENGL-355
19th Century American Literature
3 Credits  Weekly (3-0-0)
This course is a study of representative literary texts from the period by a variety of major authors. Novels, poetry, and essays are all represented. Authors include some of the following: Philip Freneau, J. F. Cooper, J. R. Lowell, E.A. Poe, R.W. Emerson, Margaret Fuller, Henry Thoreau, Frederick Douglass, Nathaniel Hawthorne, Herman Melville, Harriet Beecher Stowe, Walt Whitman, Fanny Fern, Emily Dickinson, Henry James, William Dean Howells, Mark Twain, Henry Adams, Kate Chopin, Stephen Crane, Frank Norris, and Paul Laurence Dunbar.
Prerequisites: A minimum grade of C- in six credits of university English, not including English 108, English 111, or English 199.

ENGL-356
19th Century American Literature
3 Credits  Weekly (3-0-0)
This course is a study of representative literary texts from the period by a variety of major authors. Novels, poetry, and essays are all represented. Authors include some of the following: Philip Freneau, J. F. Cooper, J. R. Lowell, E.A. Poe, R.W. Emerson, Margaret Fuller, Henry Thoreau, Frederick Douglass, Nathaniel Hawthorne, Herman Melville, Harriet Beecher Stowe, Walt Whitman, Fanny Fern, Emily Dickinson, Henry James, William Dean Howells, Mark Twain, Henry Adams, Kate Chopin, Stephen Crane, Frank Norris, and Paul Laurence Dunbar.
Prerequisites: A minimum grade of C- in six credits of university English, not including English 108, English 111, or English 199.

ENGL-357
19th Century American Literature
3 Credits  Weekly (3-0-0)
In this course, students study representative American texts spanning from the early twentieth century to the Cold War. A broad range of early to mid-twentieth century genres is considered – e.g., novels, short stories, poems, plays, and films. The works are analyzed closely and placed within their historical and cultural context – especially the wars and development of “the American Century.” Students are exposed to authors as varied as Chesnutt, Lowell, Larsen, Dreiser, Eliot, Faulkner, Moore, Hemingway, Hurston, Stein, Wharton, Ellison, and O’Connor.
Prerequisites: A minimum grade of C- in six credits of university English, not including English 108, English 111, or English 199.

ENGL-358
Contemporary American Literature
3 Credits  Weekly (3-0-0)
In this course, students study representative American texts spanning from the Cold War to the present moment. A broad range of late-twentieth and twenty-first century genres is considered – e.g., novels, short stories, poems, plays, comics, and films. The course focuses on narrative innovations as well as the persistence of traditional American styles in a rapidly changing social, cultural, and ideological environment. Students are exposed to authors as varied as Ginsberg, Barth, Plath, Reed, Brooks, Pynchon, Barthelme, Kingston, Erdrich, Morrison, Acker, Mamet, Franzen, Miller, Tarantino, Eggers, and Danielewski.
Prerequisites: A minimum grade of C- in six credits of university English, not including English 108, English 111, or English 199.
ENGL-364
Topics in 20th and 21st Century Literature
3 Credits  Weekly (3-0-0)
By maintaining a focus on a single topic related to literary and narrative production in the twentieth and twenty-first centuries, this course allows students to supplement ENGL 361, ENGL 362, ENGL 365, ENGL 366, ENGL 376, & ENGL 381. Each iteration of the course is organized around a single author, group of authors, genre, region, or theme. The specific topic and approach, in any given year, depends on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.
Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-365
Early 20th Century British & Anglophone Literature
3 Credits  Weekly (3-0-0)
This course involves a close study of representative British and Anglophone texts from the first half of the twentieth century, the modernist period. A broad range of genres is considered, such as novels, short stories, poems, plays, and films. Works are situated in terms of their engagements with the cultural, social, political, scientific, and technological changes of the period. Writers studied may include but are not limited to Martin Amis, Julian Barnes, A. S. Byatt, Anthony Burgess, Angela Carter, Ian Fleming, Seamus Heaney, Tony Harrison, Kazuo Ishiguro, Hanif Kureishi, Doris Lessing, David Lodge, Hilary Mantel, Ian McEwan, Iris Murdoch, V. S. Naipaul, Harold Pinter, Salman Rushdie, Zadie Smith, Muriel Spark, and Tom Stoppard.
Prerequisites: A minimum grade of C- in six credits of university English, not including English 108, English 111, or English 199.

ENGL-366
Contemporary British and Anglophone Literature
3 Credits  Weekly (3-0-0)
This course surveys representative British and Anglophone texts from the second half of the twentieth century and beyond. A broad range of genres may be considered, such as novels, short stories, poems, plays, and films. These works are situated in terms of their engagements with the cultural, social, political, scientific, and technological changes of the period. Writers studied may include but are not limited to Mulk Raj Anand, W. Somerset Maugham, Ford Madox Ford, E. M. Forster, Christopher Isherwood, Henry James, James Joyce, Hugh MacDiarmid, D. H. Lawrence, Dorothy Richardson, Jean Rhys, George Bernard Shaw, Evelyn Waugh, and Virginia Woolf.
Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-368
Topics in Race and Gender
3 Credits  Weekly (3-0-0)
By focusing on a broad theme or topic, this course allows students to look closely at the way in which issues of race and/or gender inform and are informed by narrative representations. While students may consider theoretical debates associated with problems of race or gender, the course concerns itself primarily with literary works that engage in, run alongside, or frustrate those debates. Each iteration of the course is organized around a single, author, group of authors, genre, period, locale, and/or theme. The specific topic and approach is, in any given year, dependent on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.
Prerequisites: A minimum grade of C- in six credits of university English, not including English 108, English 111, or English 199.

ENGL-374
Early Canadian Literature
3 Credits  Weekly (3-0-0)
This course involves a close study of representative Canadian texts from the beginnings of Canadian literature through first half of the twentieth century. A broad range of genres may be considered, such as novels, short stories, poems, plays, and films. Works are situated in terms of their engagements with the cultural, social, political, scientific, and technological changes of the period. Students study Canadian authors from a variety of backgrounds.
Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL-376
Contemporary Canadian Literature
3 Credits  Weekly (3-0-0)
This course covers key developments in Canadian culture and literary works during this period when our literature came of age. Major authors achieved international acclaim, a rich diversity emerged in literary themes and forms, and marginalized narratives of class, race, gender, and the environment moved to the literary centre. These developments occurred against the backdrop of the maturing of Canada into one of the globe’s most peaceful and economically stable multicultural nations.
Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.
ENGL 377
Studies in Indigenous Literature
3 Credits Weekly (3-0-0)
This course covers a number of works of indigenous literature, ranging from collected oral folk tales and myths of the pre-contact period to print literature and films of the post-contact period. The course covers how indigenous works of the pre-contact period convey indigenous cultural world-views that contrast sharply with that of settler or colonial culture. The course examines indigenous texts and films of the post-contact period as resisting colonial culture and promoting the survival of tribal cultures and languages. The course clarifies indigenous perspectives on historical issues such as residential schools, missing and murdered indigenous women, and the treatment of indigenous peoples in the non-indigenous justice system. The course also considers the approaches advocated in indigenous texts on the way forward, for indigenous and non-indigenous peoples, toward restitution and reconciliation.
Prerequisites: A minimum grade of C- in 6 credits of university English, except ENGL 108, ENGL 199.

ENGL 381
Post-Colonial Literature
3 Credits Weekly (3-0-0)
This course involves close, critical study of literature stemming from geographical areas that have experienced colonization. While its main focus is on national literatures of the ex-colonies of the British Empire and the empires of continental Europe, the course also studies the key texts of the authors, descending from the imperial core, who are responding to the colonial ambitions of their time. The analysis of these works is comparative, cross-cultural, and involves the perspective of Post-Colonial literary theory. The themes examined include the power relationship between the centre and the periphery, the marginalization and othering of colonial subjects, the question of belonging, the commemoration of colonial past and the move beyond it, as well as the historical linkages between colonialism and neo-colonialism, expressed in new forms of imperialism and persistence of colonial mindsets today.
Prerequisites: A minimum grade of C- in English 102 and 103 or in 6 credits of university English except ENGL 108, ENGL 111 and ENGL 199.

ENGL 389
Topics in Children’s Literature
3 Credits Weekly (3-0-0)
This course offers various studies in the realm of Children’s literature. Individual iterations of the course can focus on classics of children’s literature, folktale and children’s literature, or the child in literature. For detailed information about the current course offering, please consult the English Department.
Prerequisites: Minimum grade of C- in 6 credits of 100 level University English except ENGL 108, ENGL 111 and ENGL 199.

ENGL 391
Topics in Literary Theory
3 Credits Weekly (3-0-0)
By focusing on a broad theme or topic associated with literary and cultural theory, this course encourages students to consider the way in which theoretical debates inform the practice of narrative production and study. In any given iteration of the course, students are exposed to a broad range of primary texts by influential theorists—e.g., Plato, Aristotle, Marx, Freud, Kristeva, Mulvey, Said, Butler, Hayles, and Žižek. Each iteration also functions as both an historical survey of influential theoretical texts and an introduction to theory as a tool for literary interpretation. The specific topic and approach is, in any given year, dependant on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.
Prerequisites: A minimum grade of C- in 6 credits of 200 or 300 level English courses.

ENGL 394
Theories of Writing and Poetics
3 Credits Weekly (3-0-0)
This course focuses on theories developed by creative writers about the process and function of literary practice. Beginning with some of the earliest rationalizations and definitions of the literary arts, the course exposes students to a wide range of manifestos, defenses, apologies, and treatises by influential writers – e.g. Horace, Dryden, Coleridge, Poe, Stein, Woolf, Eliot, Achebe, and Barth. This course is both an historical survey of influential theoretical texts and an introduction to theory as a tool for literary interpretation. Students encounter and examine the various recurrent themes, or problems, that underlie the literary artist’s conception of his or her own artistic practice: from the social function and/or justification of literature to the rules and restrictions of prosody.
Prerequisites: Minimum grade of C- in 3 credits of 200 or 300 level English courses.

ENGL 398
Independent Study
3 Credits Total (0-0-45)
This course permits an advanced student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
Prerequisites: Permission of instructor.
ENGL-401
Studies in Genres
3 Credits
Weekly (0-0-3)
This course gives students the opportunity to focus on a single genre or to compare two or more genres. Because genre is such a fluid term, the works studied and approach to genre will depend in any given year on the interests and expertise of the instructor. The course could, for example, focus on a specific type of poem, such as the sonnet or the dramatic monologue, on a specific type of novel such as the gothic novel or the bildungsroman, on a specific type of drama, such as Restoration Comedy, or on a specific type of non-fiction, such as the essay or biography. Alternatively, students could focus on a genre such as satire and study a variety of types of satiric literature that could include poems, essays, stories, novels, and drama.
Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level English courses.

ENGL-402
Studies in Authors
3 Credits
Weekly (0-0-3)
This course focuses on the works of a single author. In any given year, the author studied and the approach to the works depends on the interests and expertise of the instructor. Through a close examination of the works of a single author, students get a better sense of the social and cultural context in which the author lived and worked. Students also strengthen their knowledge of how the central ideas and techniques of the author developed and changed.
Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level English courses.

ENGL-405
Topics in Canadian Literature
3 Credits
Weekly (0-0-3)
This course gives students the opportunity to study in more depth and detail one or more authors and/or genres of Canadian literature. Students have the opportunity to design and undertake independent research, write a major paper, lead seminar discussions, and strengthen their grasp of theoretical concepts relevant to literature written during this period. In any given year, the author(s) studied and the approach to the works depends on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.
Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level English courses.

ENGL-481
Post-Colonial Theory and Practice
3 Credits
Weekly (0-0-3)
This course surveys the key works in post-colonial theory, validating the status of post-colonial literature as a vibrant segment of contemporary writing in English. Seminal thinkers and significant scholars such as Frantz Fanon, Edward Said, Aimé Césaire, Gayatri Chakravorty Spivak, and Robert Young are covered. Postcolonial theory is meaningfully used as a tool for in-depth analysis of major primary texts, representing various regions, political perspectives, and cultural affiliations. While most of the works studied are written in English, postcolonial texts translated into English may be included. Authors such as Chinua Achebe, Salman Rushdie, Nadine Gordimer, Arundhati Roy, V.S. Naipaul, and Ahdaf Soueif are studied.
Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level English courses.

ENGL-489
Literary Themes, Traditions, and Phenomena
3 Credits
Weekly (0-0-3)
This course gives students the opportunity to study works that deal with a single theme, such as the outsider or decadence; or works that exemplify a single tradition, such as naturalism or the Arthurian tradition; or works that exemplify a particular phenomenon, such as imagism or literary forgeries.
Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level English courses.

ENGL-491
Early and Later Middle English
3 Credits
Weekly (0-0-3)
This course gives students the opportunity to study in more detail one or more authors and/or genres of Early and Later Middle English. Students have the opportunity to design and undertake independent research, write a major paper, lead seminar discussions, and strengthen their grasp of theoretical concepts relevant to literature written during this period. In any given year, the author(s) studied and the approach to the works depends on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.
Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level English courses.
ENGL-493
Restoration/Eighteenth Century Literature
3 Credits Weekly (0-0-3)
This course gives students the opportunity to study in more depth and detail one or more authors and/or genres of Restoration andEighteenth Century literature. Students have the opportunity to design and undertake independent research, write a major paper, lead seminar discussions, and strengthen their grasp of theoretical concepts relevant to literature written during this period. In any given year, the author(s) studied and the approach to the works depend on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.
Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level English courses.

ENGL-494
Nineteenth Century Literature
3 Credits Weekly (0-0-3)
This course gives students the opportunity to study in more depth and detail one or more authors and/or genres of nineteenth century literature. Students have the opportunity to design and undertake independent research, write a major paper, lead seminar discussions, and strengthen their grasp of theoretical concepts relevant to literature written during this period. In any given year, the author(s) studied and the approach to the works depend on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.
Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level English courses.

ENGL-495
Twentieth Century Literature
3 Credits Weekly (0-0-3)
This course gives students the opportunity to study in more depth and detail one or more authors and/or genres of twentieth-century literature. Students have the opportunity to design and undertake independent research, write a major paper, lead seminar discussions, and strengthen their grasp of theoretical concepts relevant to literature written during this period. In any given year, the author(s) studied and the approach to the works depend on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.
Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level English courses.

ENGL-496
Intersections - Theory and Culture
3 Credits Weekly (0-0-3)
Focused on the ways in which critical theory exposes, critiques, and/or participates in literary and cultural movements, this course provides students with the opportunity to study critical theory within the context of the cultural trends it defines and exemplifies. Sections could be organized around any number of topics, including (but not limited to) the rise and fall of deconstruction, the death of the author, communal individuality, hypertext and post humanity, race and performativity, literary Marxism, the text and the unconscious, discourse and power, postmodern subjectivities, and the ethical turn.
Prerequisites: A minimum grade of C- in ENGL 267, 391, 392, 393, or 394 and in 9 credits of 200- or 300-level English courses.

ENGL-497
Twenty-First Century Literature
3 Credits Weekly (0-0-3)
This course gives students the opportunity to study in more depth and detail one or more authors and/or genres of twenty-first century literature. Students have the opportunity to design and undertake independent research, write a major paper, lead seminar discussions, and strengthen their grasp of theoretical concepts relevant to literature written during this period. In any given year, the author(s) studied and the approach to the works depend on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.
Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level English courses.

ENGL-498
Advanced Independent Study
3 Credits Total (0-0-45)
This course permits an advanced student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
Prerequisites: Consent of the Department.

ENGL-499
Honours Thesis Project
3 Credits Total (0-0-45)
This course gives fourth-year English Honours students the opportunity to write a substantial research paper of 5000-7500 words and to deliver a conference-length version of that paper before an audience in a formal setting. Students have regular consultations with their supervisor during this project, usually once per week during the term or twelve hours total.
Note: English 499 is a degree requirement for Honours English students. Students must be in the final year of an Honours English program or obtain consent from the Chair of the Department of English.
ENPH-131
Engineering Mechanics - Dynamics
4.3 Credits  Total (45-18-15)
This is a calculus based course intended for engineering students. It is an introduction to the kinematics and dynamics of particles. Topics include kinematics, dynamics, systems of particles, work and energy, linear momentum, rotational motion, angular momentum, gravitation and an introduction to the dynamics of rigid bodies.
Note: Restricted to engineering students. Credit can be obtained in only one of PHYS 108, PHYS 124, PHYS 144 or ENPH 131.
Prerequisites: Minimum grade of C- in MATH 100 and ENGG 130.

EOPT-060
Pronunciation I
5 Credits  Weekly (7.5-0-0)
Pronunciation I is intended for students at the high beginning to low intermediate level. The course covers segments, word stress, intonation in statements and questions, contractions and linking, as well as strategies for comprehensibility and checking for comprehension. A variety of speaking tasks ranging from informal to formal presentations give students an opportunity to develop confidence and fluency.
Prerequisites: EAL Placement Test (Speaking/Listening 81 or 82).

EOPT-061
Pronunciation II
5 Credits  Weekly (7.5-0-0)
Pronunciation II is intended for students at the high intermediate to advanced level. The course covers the concept of timed stress, specific types of stress, pausing, and intonation rules in various acts of speech, as well as strategies for comprehensibility and checking for comprehension. A variety of speaking tasks ranging from informal to formal presentations give students an opportunity to refine their oral English.
Prerequisites: EAL Placement Test (Speaking/Listening 83) or Minimum B- in ESPL 082.

EOPT-063
Computer Skills For ESL II
5 Credits  Weekly (7.5-0-0)
Computer Skills for ESL II covers intermediate computer skills for language learning. Word, Excel, PowerPoint and databases are covered as well as more advanced Internet searches, deep net searches and evaluating web sites. Students complete language learning activities that require the use of computer applications and software.
Prerequisites: Minimum grade of B- in ERDW 082 and ESPL 082 or equivalent on the placement test.

EOPT-064
Academic Vocabulary I
5 Credits  Weekly (7.5-0-0)
Academic Vocabulary I is intended for students at the intermediate level who need to expand their academic vocabulary for further studies. It introduces the 400 most frequently used word families from the Academic Word List (not all of which will be new to the students). A variety of activities and strategies are used to help students integrate new vocabulary into their daily language use.
Prerequisites: EAL Placement Test (Reading/Writing 81).

EOPT-065
Academic Vocabulary II
5 Credits  Weekly (7.5-0-0)
Academic Vocabulary II is intended for students at the advanced level who need to expand their academic vocabulary in preparation for further study. It introduces 400 word families from the Academic Word List. A variety of strategies and activities are used to help students integrate new vocabulary into their daily language use.
Prerequisites: EAL Placement Test (Reading/Writing 83) or Minimum B- in ERDW 082 and minimum B- in ESPL 082.

EOPT-066
Grammar I
5 Credits  Weekly (7.5-0-0)
Grammar I is intended for students at the low intermediate to intermediate level. It covers simple and progressive tenses, declarative, negative and interrogative sentences, word forms/word families and word order in simple, compound and some complex sentences. Students learn to use correct grammatical forms in both spoken and written English.
Prerequisites: EAL Placement Test (Reading/Writing 81).

EOPT-067
Grammar II
5 Credits  Weekly (7.5-0-0)
Grammar II is intended for the high intermediate to advanced student. It covers complex sentences, clauses and phrases, passives and perfect tenses. Word order and correct word forms in complex structures will be emphasized.
Prerequisites: EAL Test (Reading/Writing 84) or Minimum B- in ERDW 083.

EOPT-068
Research Writing
5 Credits  Weekly (7.5-0-0)
This course prepares advanced level ESL students for post-secondary studies by taking them through all the stages of writing a research essay from topic development through writing, referencing and presenting the paper. The research component focuses on the university’s library databases and other resources.
Prerequisites: EAL Test (Reading/Writing 83) or Minimum B- in ERDW 082 and minimum B- in ESPL 082.

EOPT-069
Basic Vocabulary and Grammar
5 Credits  Weekly (7.5-0-0)
Basic Vocabulary and Grammar prepares incoming ESL students for further study in ESL by focusing on vocabulary development and correct grammar for basic writing. Students develop their vocabulary through individual and group projects exploring strategies for academic success and develop their ability to express their ideas in simple grammatically correct sentences.
Prerequisites: Placement Testing.

ERDW-081
Intermediate Reading and Writing I
5 Credits  Weekly (7.5-0-0)
Intermediate Reading and Writing I allows the students to develop reading skills through reading adapted text at the low intermediate level. They write with improved fluency and grammatical accuracy and prepare for further study. High frequency vocabulary from the Academic Word List is introduced.
Prerequisites: EAL Placement Test (Reading/Writing 81).
ERDW-082 Intermediate Reading and Writing II
5 Credits  Weekly (7.5-0-0)
Intermediate Academic Reading and Writing II introduces short narratives on common topics of interest. Students learn to scan for details and interpret maps and tables. Students also learn to take notes, organize information and use reference sources such as dictionaries. More vocabulary from the Academic Word List is introduced. Students write paragraphs and summaries. Prerequisites: EAL Placement Test (Reading/Writing 82) or Minimum B- in ERDW 081.

ERDW-083 Advanced Reading and Writing I
5 Credits  Weekly (7.5-0-0)
Advanced Reading and Writing I is intended to help students develop the reading and writing skills required to succeed in post-secondary education. The following reading skills are covered: skimming, scanning, predicting and summarizing. Paragraph and essay writing is covered in conjunction with a review of grammar. Most of the Academic Word List is introduced. Prerequisites: EAL Placement Test (Reading/Writing 83) or Minimum B- in ERDW 082 and B- in ESPL 081.

ERDW-084 Advanced Reading and Writing II
5 Credits  Weekly (7.5-0-0)
In Advanced Reading and Writing II, students develop reading and writing skills to a level which ensures their comprehension and interpretation of complex English texts and vocabulary. Grammatical accuracy is emphasized. Students are expected to practice note-taking and write summaries, essays and reports in a logical, well-organized manner. News items are analyzed for content, opinion, bias and writing style. Prerequisites: EAL Placement Test (Reading/Writing 84) or Minimum B- in ERDW 083 and minimum B- in ESPL 082.

ERDW-085 Reading and Writing for Academic Purposes
5 Credits  Weekly (7.5-0-0)
Reading and Writing for Academic Purposes is intended for students who require an academic level of English reading and writing for re-entry into a profession, entry into a high school upgrading program or entry into post-secondary education. Students access material and topics at a post-secondary and professional level. The course includes discussion and analysis of literary works in conjunction with the development of critical thinking skills and clarity of expression. Charts, graphs and non-fiction are studied and interpreted for content, opinion, bias and writing style. Prerequisites: EAL Placement Test (Reading/Writing 85) or Minimum B- in ERDW 084 and B- in ESPL 083.

ESPL-081 Intermediate Listening and Speaking I
5 Credits  Weekly (7.5-0-0)
Intermediate Listening and Speaking I develops a level of oral fluency in English that allows students to be successful if they choose to pursue further academic studies. New vocabulary and sentence structures are practiced to encourage incorporation into the students' daily language use. New and interesting topics are introduced which provide a medium for learning to make requests, to give and understand directions and instructions, to ask for clarification and to talk about what they have learned. Prerequisites: EAL Placement Test (Speaking/Language 81).

ESPL-082 Intermediate Listening and Speaking II
5 Credits  Weekly (7.5-0-0)
Intermediate Listening and Speaking II places emphasis on greater clarity of oral expression, the ability to comprehend oral instructions and messages, and the ability to paraphrase. Expansion of vocabulary and continuing development of accuracy in speaking tasks is essential at this level. Prerequisites: EAL Placement Test (Speaking/Language 82) or Minimum B- in ESPL 081.

ESPL-083 Advanced Listening and Speaking I
5 Credits  Weekly (7.5-0-0)
In Advanced Listening and Speaking I, students develop a variety of oral skills required to complete post-secondary coursework successfully. Students participate in discussions based on reading or listening assignments and give short oral presentations. Grammatical accuracy in speaking is emphasized. Pronunciation/intelligibility strategies are addressed as required. Prerequisites: EAL Placement Test (Speaking/Language 83) or Minimum B- in ESPL 082 and Minimum B- in ERDW 081.

ESPL-084 Advanced Listening and Speaking II
5 Credits  Weekly (7.5-0-0)
In Advanced Speaking and Listening II, students develop their listening skills to be able to comprehend complex academic material such as university level lectures. Students are expected to participate in group discussions on highly complex topics, prepare and deliver well-researched oral presentations supported by PowerPoint presentations or other visual support. Grammatical accuracy and breadth of vocabulary are emphasized. Prerequisites: EAL Placement Test (Speaking/Language 84) or Minimum B- in ESPL 083 and minimum B- in ERDW 082.

ESPL-085 Listening and Speaking for Academic Purposes
5 Credits  Weekly (7.5-0-0)
Listening and Speaking for Academic Purposes is intended for students who require academic level oral comprehension and fluency for post-secondary studies or high school upgrading. The course includes discussion and analysis of lecture and other high level listening material. A high degree of oral fluency with clear expression of complex ideas is expected in the course. Formal presentation skills are also developed. Prerequisites: EAL Placement Test (Speaking/Language 85) or Minimum B- in ESPL 084 and Minimum B- in ERDW 083.
FNCE-113 Introduction to Quantitative Decision-Making
3 Credits Weekly (3-0-0)
Students are introduced to quantitative techniques commonly used in managerial decision-making. Students focus on the applications of these techniques to major decision-making areas of business including accounting, economics, finance, insurance, marketing, management, supply chain, and human resources. Topics include: the use of ratios, proportions, percents, and equations to solve business problems, simple and compound interest, analysis and interpretation of the time value of money, progressions and their applications in finance, linear programming and optimization, and break-even analysis.

FNCE-301 Introductory Finance
3 Credits Weekly (3-0-0)
Students are introduced to corporate financial decision-making concepts, tools and models for financial analysis. Financial policies are examined with a view to maximizing the value of the firm. Topics include financial markets, debt and equity financing, market efficiency, models for valuing stocks, bonds, risk measures, risk reduction, dividend policy, capital budgeting, and the valuation and selection of assets. 
Prerequisites: ACCT 311 or ACCT 161 AND one of the following: FNCE 113 or MGTs 103 or STAT 151 or ACCT 215

FNCE-303 Personal Finance and Money Management
3 Credits Weekly (3-0-0)
This course develops your skills as a financial manager for your own resources and assets for now and in the future. Through simulations and research projects, students will learn to balance risks and returns in personal investing, and learn about debt management. Topics include: time value of money, savings plans, consumer credit and debt management, mortgage financing, tax planning, risk management and insurance, investment fundamentals and alternatives, retirement and estate planning.
Prerequisites: FNCE 113 or ECON 101

FNCE-404 International Finance
3 Credits Weekly (3-0-0)
This course covers the concepts of international financial management in global business. Students learn how the foreign exchange and global financial markets operate, how currency risks and international financial investments can be managed, and how international trade may be financed. The key topics covered in this course include workings of the foreign exchange market, determination of foreign exchange rates, the forward exchange market, currency options, covered interest investment, the Eurocurrency market, methods of global debt financing, currency and interest rate swaps, and various methods of trade finance.
Prerequisites: FNCE 301.

FNCE-406 Valuation and Investment Decision Making
3 Credits Weekly (3-0-0)
This course provides students applied knowledge on project and enterprise valuation. Students learn how to conduct a complete project evaluation and enterprise valuation. The course has an integrated approach to valuation as it considers the relevant risks of the project and the mechanisms to hedge these risks; the financing decisions associated with the investment and its impact on firm value; and, the use of different valuation techniques (DCF, real options, comparables). The course is aimed at showing students the latest valuation practices used in the industry by illustrating the valuation principles in the context of realistic situations.
Prerequisites: FNCE 301 AND ACCT 322.

FNCE-498 Independent Studies in Finance
3 Credits Weekly (0-0-3)
In consultation with, and supervised by, a member of the department or an approved professional in the community, a senior student undertakes advanced scholarly work related to the field of finance. The faculty member guides the student in designing and undertaking this work, using appropriate assumptions and methods to arrive at warranted conclusions and outcomes that will advance finance knowledge or practice or create meaningful results.
Note: This course may be taken twice for credit.
Prerequisites: Consent of the course instructor and the department chair.

FREN-111 Introductory French I
3 Credits Weekly (5-0-0)
This is a course for students with little or no previous study of French. Students learn basic French grammatical structures and a wide variety of vocabulary. Oral comprehension, speaking, reading and writing are all emphasized, and students are introduced to the language of the French-speaking world.
Note: Students with native or near-native proficiency cannot take this course. The language of instruction is French. Students cannot take this course if they have already completed FREN 111.

FREN-112 Introductory French II
3 Credits Weekly (5-0-0)
In this sequel to FREN 111, students continue to develop their skills in oral comprehension, speaking, reading and writing, as well as their understanding of the French-speaking world.
Note: Students with native or near-native proficiency cannot take this course. The language of instruction is French. Students cannot take this course if they have already completed FREN 111.

FREN-211 Intermediate French I
3 Credits Weekly (5-0-0)
This course aims to strengthen the students’ speaking, listening, reading and writing skills. It includes an extensive grammar review, and a cultural overview of the French-speaking world.
Note: Students with native or near-native proficiency cannot take this course. The language of instruction is French. Students cannot take this course if they have already completed FREN 211.

FREN-311 Advanced French I
3 Credits Weekly (5-0-0)
This course continues to develop the students' skills in oral comprehension, speaking, reading and writing in French. It includes an extensive grammar review, and a cultural overview of the French-speaking world.
Note: Students with native or near-native proficiency cannot take this course. The language of instruction is French. Students cannot take this course if they have already completed FREN 311.

FREN-312 Advanced French II
3 Credits Weekly (5-0-0)
This course continues to develop the students' skills in oral comprehension, speaking, reading and writing in French. It includes an extensive grammar review, and a cultural overview of the French-speaking world.
Note: Students with native or near-native proficiency cannot take this course. The language of instruction is French. Students cannot take this course if they have already completed FREN 312.
FREN 297
Intermediate French II
3 Credits Weekly (5-0-0)
In this sequel to FREN 211, students continue to develop their speaking, listening, reading and writing skills and to expand their knowledge of grammar and culture of the French-speaking world. Note: Students with native or near-native proficiency cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. Prerequisites: Minimum grade of C- in FREN 211.

FREN 298
Advanced French II
3 Credits Weekly (4-1-0)
This course aims to improve the students’ oral communication and writing skills. Through practice in discussions and compositions based on themes from readings and films, students also expand their knowledge of vocabulary and grammar. Note: Students with native or near-native proficiency cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. Prerequisites: Minimum grade of C- in FREN 212, successful completion of French Language Arts 30, or advanced placement.

FREN 297
Advanced French I
3 Credits Weekly (4-1-0)
This course aims to improve the students’ oral communication and writing skills. Through practice in discussions and compositions based on themes from readings and films, students also expand their knowledge of vocabulary and grammar. Note: Students with native or near-native proficiency cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. Prerequisites: Minimum grade of C- in FREN 212, successful completion of French Language Arts 30, or advanced placement.

FREN 321
French Culture and Civilization
3 Credits Weekly (3-0-0)
This course, taught in French, examines the main cultural characteristics of France through reading and discussion about French civilization. Emphasis is placed on historical events, philosophy, literature, and arts in France from late antiquity to modern times. Prerequisites: Minimum grade of C- in FREN 298.

FREN 331
Advanced French Composition
3 Credits Weekly (3-0-0)
Taught in French, this course examines the practices of informal, formal and scholarly writing used in contemporary written French. The course objective is to refine students’ writing skills by teaching them techniques and strategies for different types of writing while emphasizing how grammatical content and lexicon affect the expression of ideas. Prerequisites: Minimum grade of C- in FREN 298 or advanced placement.

FREN 341
Introduction to Translation
3 Credits Weekly (3-0-0)
This course is an introduction to the theory and practice of translation. It offers an overview of the theoretical concepts and strategies involved in translating from English to French, and provides translation practice with a variety of texts. Prerequisites: Minimum grade of C- in FREN 298 or advanced placement.

FREN 351
French Foundational Fiction
3 Credits Weekly (3-0-0)
A survey of French literature from its inception to the 20th century, this course examines selected works (prose, poetry and theatre) of France’s major writers, periods and principle literary movements. Authors and their works are studied within their historical and cultural context to better understand their impact on and contribution to the development and evolution of French literature and the history of ideas. This course is conducted in French. Prerequisites: Minimum grade of C- in FREN 298 or advanced placement.

FREN 352
Enlightenment Literature
3 Credits Weekly (3-0-0)
This course is taught in French. Students examine French Literature produced during the age of Enlightenment up to the French Revolution. The readings cover the innovations of the Enlightenment and the political and social crises which ended the Ancien Régime. Students question the prejudices, superstitions, corruption and hierarchies of the period in exemplary literary texts. Prerequisites: Minimum grade of C- in FREN 298.

FREN 353
French Theatre
3 Credits Weekly (3-0-0)
This course is taught in French. In this course students read and discuss French plays from dramatists of the seventeenth century to modern era. Students study social, political, historical and cultural contexts of the plays. Representations of class, gender, and the role of language are also considered. This course approaches theatre as text, dramaturgy, spectacle, and role-playing. Prerequisites: Minimum grade of C- in FREN 298.

FREN 365
Topics in Francophone Literature
3 Credits Weekly (3-0-0)
In this course, students study a topic in francophone literature. The specific topic focuses on a significant period, tradition, theme, genre or school within francophone literature. The author(s) and work(s) chosen are analyzed and placed within their historical and cultural context. Topics vary and are announced prior to registration. Consult with faculty members in French for details regarding current offerings. This course is conducted in French. Prerequisites: Minimum grade of C- in FREN 298 or advanced placement.
FREN-370  
Topics in Francophone Culture  
3 Credits  
Weekly (3-0-0)  
In this course, students study in depth a topic related to francophone cultures. The specific topic focuses on a theme, tradition, movement, time-frame, or identity within the francophone world. Examples include, but are not limited to, francophone culture through film, la bande dessinée, la chanson française, la culture québécoise, les cultures francophones mondiales. Topics vary and are announced prior to registration. Consult with faculty members in French for details regarding current offerings. This course is conducted in French.  
**Prerequisites:** A minimum grade of C- in FREN 298 or advanced placement.

FREN-398  
Independent Study  
3 Credits  
Total (0-0-45)  
This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

FREN-498  
Advanced Independent Study  
3 Credits  
Total (0-0-45)  
This course permits senior-level students to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

GENE-317  
Genetics and Society  
3 Credits  
Weekly (3-0-1)  
This course examines select advances in genetics and molecular biology and their impact on society. Social, legal, political and ethical aspects are discussed, emphasizing a Canadian perspective. Contemporary issues related to these fields are examined in a historical context including reflection on potential implications for the future.  
**Prerequisites:** Minimum grade of C- in BIOL 207.

GENE-369  
Genetic Analysis of Bacteria  
3 Credits  
Weekly (3-0-1)  
This course provides an extensive survey of the principles of bacterial genetics, and the role bacteria and bacteriophages have played in the development of molecular genetics. Major topics include mechanisms of genetic exchange and genome plasticity in bacteria, and the properties of lytic and lysogenic bacteriophages. Key concepts are applied to experimental strategies for genetic mapping and mutational analysis.  
**Note:** Credit can only be obtained in one of GENE 270 or GENE 369.  
**Prerequisites:** Minimum grade of C- in BIOL 205 and in BIOL 207.

GENE-370  
Genetic Analysis of Eukaryotes  
3 Credits  
Weekly (3-0-1)  
This course provides a survey of genetic analysis in select model eukaryotes. Strategies involving both classical genetic approaches and molecular methods for genetic screens, mutational analysis, and probing gene function in eukaryotes are presented.  
**Prerequisites:** Minimum grade of C- in BIOL 205 and in BIOL 207.

GENE-400  
Genome Organization  
3 Credits  
Weekly (3-3-0)  
This course is an introduction to the field of genomics. The organization and expression of the genetic material in both simple and complex model systems are examined. Genomic techniques including sequencing, microarray analysis, proteomics and bioinformatics are discussed. Attention is paid to the application of genomics to understanding biological phenomena.  
**Prerequisites:** Minimum grade of C- in GENE 369 and in GENE 370.

GENE-404  
Investigations into Gene Regulation  
3 Credits  
Weekly (3-0-1)  
This course investigates and compares mechanisms of gene expression and regulation in prokaryotes and eukaryotes. Current scientific understanding of gene regulation is explored through a critical analysis of primary literature. Transcriptional, post-transcriptional, translational, post-translational and epigenetic regulatory mechanisms are discussed.  
**Prerequisites:** Minimum grade of C- in GENE 369 and in GENE 370.

GERM-111  
Introductory German I  
3 Credits  
Weekly (5-0-0)  
German 111 is an introductory course for students with limited or no previous knowledge of German. It introduces the sounds of the language, an introductory suite of grammatical structures, tenses and concepts, an essential vocabulary set, as well as a basic linguistic comparison between English and German. Students develop an introductory level of oral/aural comprehension, expression, reading and writing skills. General aspects of geography, history and culture in German-speaking countries are also introduced.  
**Note:** Students with native or near-native proficiency in German cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course.  
Students with credit in German 30, 35 or GERM 100 or equivalent cannot receive credit for this course.
GERM 211
Introductory German II
3 Credits Weekly (5-0-0)
This course is a continuation of GERM 111 in which students improve the four language skills of listening, speaking, reading and writing, and broaden their cultural awareness of the German-speaking world. An additional and more challenging section of introductory grammatical structures builds upon the structures and forms acquired in German 111, and vocabulary is expanded to include a wider range of situations.
Prerequisites: Minimum grade of C- in GERM 111.

GERM 211
Intermediate German I
3 Credits Weekly (5-0-0)
This course is designed to develop and strengthen oral comprehension, expression, reading and writing skills acquired in beginner-level courses through the use of authentic written, oral and visual materials. Note: Students with native proficiency in German cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. Students with credit in German 30, 35 or GERM 100 or equivalent cannot receive credit for this course.
Prerequisites: Minimum grade of C- in GERM 111.

GREK-101
Introductory Greek I
3 Credits Weekly (5-0-0)
This course introduces students to Classical Greek. Students learn the Greek alphabet, a core vocabulary and elements of Greek grammar. Students also read and translate simple Greek texts. Note: Students with a proficiency level beyond this course may be directed to a higher-level course. Students with credit in Greek 30 or 35 cannot receive credit for this course.

GREK-102
Introductory Greek II
3 Credits Weekly (5-0-0)
This course is a continuation of GREK 101. Students continue to study the elements of Classical Greek grammar, to acquire additional vocabulary and to read and translate simple texts. Note: Students with a proficiency level beyond this course may be directed to a higher-level course. Students with credit in Greek 30 or 35 cannot receive credit for this course.
Prerequisites: Minimum grade of C- in GREK 101.

GREK-101
Introductory Greek I
3 Credits Weekly (5-0-0)
This course introduces students to Classical Greek. Students learn the Greek alphabet, a core vocabulary and elements of Greek grammar. Students also read and translate simple Greek texts. Note: Students with a proficiency level beyond this course may be directed to a higher-level course. Students with credit in Greek 30 or 35 cannot receive credit for this course.

HAPR-102
Hearing Testing I
2 Credits Weekly (2-1-0)
Students experience simulated hearing loss and learn about the need for hearing testing. Students are provided with an overview of the hearing testing process, learn to use basic hearing testing equipment, and learn to use the standard forms that are used for reporting hearing test results. Students also learn about appropriate test environments and infection control measures, and how to maintain and troubleshoot hearing testing equipment. Through hands-on learning and reflective practice, students evaluate testing environments, explore audiometers, apply appropriate infection control measures, and complete calibration and troubleshooting activities. Part-time HAPR students must take HAPR 101 prior to HAPR 102, if HAPR 101 and HAPR 102 are not taken in the same term.

HAPR-103
Hearing Instrument Technology I
4 Credits Weekly (3-2-0)
Students learn about the basic components and characteristics of hearing aids, earmolds, and assistive devices, how to formally and informally evaluate hearing aid function, and how to care for and maintain hearing aids.

HAPR-104
The Aging Client
3 Credits Weekly (3-0-0)
Students explore the psychological, social and physical aspects of normal aging, and how the demographics of an aging population influence and impact society. Personal values and attitudes as well as those evident in government policies, community planning, and the health care delivery system are also examined.
HAPR-105
Customer Relations and Communications
3 Credits Weekly (3-0-0)
This course introduces students to the interpersonal skills required for providing high quality service to adult clients who have hearing loss. Students learn about the communication skills necessary for initiating and maintaining positive relationships, the impact of personality types on interpersonal communication, and management of interpersonal relationships. Students also examine their own communication skills, learn communication concepts, and develop and practice the specific interpersonal communication and customer relations skills required for success as a hearing aid practitioner.

HAPR-108
Business Management
3 Credits Weekly (3-0-0)
Students are introduced to the various management functions required to establish and manage a hearing aid dispensing practice. Students learn how and why small businesses are successful in Canada. Students also conduct market research and develop marketing plans, learn about business operations and costs, and develop business and financial plans.

HAPR-110
Hearing Disorders
2 Credits Weekly (2-0-0)
Students learn to interpret and classify the results of hearing testing. Students also learn about hearing disorders and medical conditions, and their associated hearing test results. Note: This course is taken concurrently with HAPR 111 (Hearing Testing II).
Prerequisites: HAPR 102 and a minimum grade of C- in HAPR 101.
Co-requisites: HAPR 111.

HAPR-111
Hearing Testing II
4 Credits Weekly (3-2-0)
Students learn about case history interviews, otoscopic examinations, air and bone conduction pure-tone tests, speech tests, and masking procedures. Students also learn to interpret test results and make recommendations to clients. Through hands-on learning and reflective practice, students complete and record the results of case history interviews, otoscopic examinations, and the basic battery of hearing tests, while using industry-standard infection control measures. Note: This course is taken concurrently with HAPR 110 (Hearing Disorders).
Prerequisites: HAPR 102 and a minimum grade of C- in HAPR 101.
Co-requisites: HAPR 110.

HAPR-112
Professional Responsibilities
3 Credits Weekly (3-0-0)
This course introduces students to the scope of practice for hearing aid practitioners. Students discuss the psychosocial effects of hearing loss and identify appropriate support services in an interdisciplinary context. Students explore the personal and business professionalism and ethics required for success as a hearing aid practitioner.

HAPR-114
Professional Practice
4 Credits Weekly (0-6-1)
In this intensive hands-on course, students integrate knowledge and skills learned in first-year program courses. Students demonstrate an understanding of the various components of hearing testing and the ear mold impression process and apply that understanding through practice, demonstration of skills and reflection.
Prerequisites: Minimum grade of C- in HAPR 103, HAPR 105, HAPR 110 and HAPR 111.

HAPR-201
Interviewing and Counselling
3 Credits Weekly (3-0-0)
Students are introduced to interviewing and counseling practices and procedures required for supporting clients in accepting and coping with hearing loss, and adjusting to and using hearing aids successfully.

HAPR-202
Aural Rehabilitation I
3 Credits Weekly (3-0-0)
In this introductory course, students learn about health promotion and the use of a team approach to providing hearing health care services and support to adults with hearing loss.

HAPR-203
Hearing Instrument Technology II
4 Credits Weekly (3-2-0)
This course focuses on the first stages of hearing aid programming and the verification of hearing aid fittings. In the theory portion of the course, students learn about the basic first stages of hearing aid programming, the verification of hearing aid fittings, including probe microphone measures, current important hearing aid features and hearing aid troubleshooting. Through hands-on learning and reflective practice, students learn to program hearing aids, to first fit, and verify hearing aid fittings using probe microphone measures, while using industry-standard infection control measures.
Prerequisites: Minimum grade of C- in HAPR 114.

HAPR-204
Hearing Testing III
2 Credits Weekly (1-2-0)
In the theory portion of this final hearing testing course, students learn about immittance testing, special tests, test modifications, referral letters to physicians, and review the entire hearing testing process. In the mandatory lab at MacEwan University in Edmonton, students complete immittance testing, practice completing the standard test battery, complete a practical exam consisting of a full hearing test with a client, write referral letters to physicians, and discuss special tests that are not considered part of the standard test battery. Note: This course is taken concurrently with HAPR 211 (Hearing Instrument Technology III).
Prerequisites: Minimum grade of C- in HAPR 114.
Co-requisites: HAPR 211.

HAPR-210
Aural Rehabilitation II
3 Credits Weekly (3-0-0)
In this final aural rehabilitation course, students learn to incorporate aural rehabilitation and communication strategies into practice with individuals and groups, with a specific focus on the older population.
Prerequisites: HAPR 202.
HEED-220
Introduction to Personal Health and Well-Being
3 Credits  Weekly (3-0-0)
An individual-based analysis of physical fitness and personal health and wellness. Emphasis is on planning and managing one’s own lifestyle for health and well-being within the context of the current health care system.

HEED-211
Hearing Instrument Technology III
4 Credits  Weekly (3-2-0)
In the theory portion of this final hearing instrument technology course, students learn to select and order appropriate hearing aids for adult clients, to support clients when they first receive their hearing aids and on an ongoing basis, and to evaluate the success of hearing aid fittings. In the mandatory lab at MacEwan University in Edmonton, students review the characteristics of current hearing aids and fitting software, learn about specific hearing aids and fitting software used by professionals in hearing aid dispensing clinics, and review procedures that clients and hearing aid practitioners complete in order for clients to obtain and use hearing aids. Note: This course is taken concurrently with HAPR 204 (Hearing Testing III).
Prerequisites: HAPR 203.
Co-requisites: HAPR 204.

HAPR-212
Field Placement
4 Credits  Total (0-0-210)
Students integrate knowledge and skills from all previous program courses as they complete seminar activities and work with clients in hearing aid dispensing clinics, under the direct supervision of experienced hearing aid dispensing professionals.
Prerequisites: Minimum grade of C- in HAPR 104, HAPR 108, HAPR 112, HAPR 201, HAPR 204, HAPR 210, and HAPR 211.

HIST-100
Introduction to History
3 Credits  Weekly (3-0-0)
This course introduces students to the practice of history and the methods by which historians research and think about the past using selected topics in world history as a foundation for study. In learning about each topic, students are encouraged, through practical exercises and assessment strategies, to think historically and to acquire the essential research skills which underpin history as a discipline. As well, questions are asked about the quality and authenticity of sources, the nature of historical causation, and the role of the historian in the evaluation and interpretation of evidence. Overall, this course is designed to hone students' critical abilities, interpretive skills, writing abilities and to stimulate intellectual curiosity through analysis of selected world history topics.

HIST-101
Foundations of the Modern World before c.1500 C.E.
3 Credits  Weekly (3-0-0)
This course introduces students to what historians call the 'modern' world in the period between c.500 and 1500 C.E. The underlying theme of the course is that this period has seen an increasing interconnectedness between human societies, leading to the globalised world in which we live. Students study topics such as trade patterns, colonialism, imperial expansion and contraction, religious, artistic and intellectual change, the immense socio-economic transformation springing from industrialisation, and modern ideologies like liberalism, socialism, nationalism and racism. They learn to understand the processes that increased global interaction, both voluntary and forced, and spawned conflicts, both economic and political.

HIST-102
Foundations of the Modern World from 1500 C.E. to the Present
3 Credits  Weekly (3-0-0)
This course introduces students to what historians call the 'modern' world in the period from the sixteenth century to the present. The underlying theme of the course is that this period has seen an increasing interconnectedness between human societies, leading to the globalised world in which we live. Students study topics such as trade patterns, colonialism, imperial expansion and contraction, religious, artistic and intellectual change, the immense socio-economic transformation springing from industrialisation, and modern ideologies like liberalism, socialism, nationalism and racism. They learn to understand the processes that increased global interaction, both voluntary and forced, and spawned conflicts, both economic and political.

HIST-201
Medieval Europe
3 Credits  Weekly (3-0-0)
This course introduces the student to the important events, developments and themes in medieval European history from Charlemagne to the Black Death. Discussion of social and political topics such as feudalism and manorialism, growth of legal systems, political theory and the rise of medieval states, the Crusades, medieval warfare, and the Holy Roman Empire are connected to cultural and intellectual themes related to Muslims in Iberia, urbanization, reform of the Catholic Church, and the rise of universities.

HIST-202
Britain before the Black Death
3 Credits  Weekly (3-0-0)
This course introduces the student to the important events, developments and themes in medieval British history from the end of the Roman period in the fifth century to the crises of the fourteenth century. Focusing on a period rich in mythology surrounding larger than life characters such as King Arthur, Alfred the Great, Strongbow, Saint Margaret, William Wallace and Robert the Bruce, this course explores the historical context behind these figures by examining the political development of the British Isles and the foundation of the relationships forged between the four nations of England, Scotland, Ireland and Wales.
HIST-209
Early Modern European History
3 Credits Weekly (3-0-0)
This course is a survey of European history from the Renaissance to Napoleon. Often seen as one of the most dynamic periods in European history, early modern Europe experienced rapid social, cultural, political and economic change that created new opportunities and challenges for every level of European society. In this course, students consider the evolving economy and society, the basic facts of life for the majority of Europe’s peoples. They learn how the religious and intellectual unity of western culture fragmented and dissolved under the impact of new ideas and examine the nature of politics, the rise and fall of empires and the emergence of nation states.

HIST-210
Modern European History: 1789 - Present
3 Credits Weekly (3-0-0)
This course is a survey of European history from the French Revolution to the present. As such it is also, however, a history of the wider world affected by the "European ascendancy" of the nineteenth century, and whose cataclysmic destruction has shaped much of the twentieth. The course starts with the twin upheavals of the French and Industrial Revolutions, charts the political and socio-economic fallout from these in the shape of new ideologies, new nation-states and new social classes, and shows how European imperialism transformed the globe down to 1914. The course then analyses the self-destruction of the old European order in two world wars, the emergence of a continent physically but also psychologically divided by the Cold War, and the revolutionary developments which, since 1989, have permitted these two halves of Europe to re-converge, a process complicated to this day by the bitter legacies of the past.

HIST-211
England: From Tudor to Glorious Revolution
3 Credits Weekly (3-0-0)
This course introduces the student to a period in English history characterized by dynamic political, social, economic and cultural change. Between 1485 and 1688 England became a protestant nation, witnessed the birth of the nation state, expanded its economic capacity, and engaged in colonial imperial activities. Using two significant political ‘revolutions’ as a temporal framework, this course explores the birth of modern English society.

HIST-212
Britain 1689-1914
3 Credits Weekly (3-0-0)
Between 1689 and 1914, Britain achieved political stability, created a constitutional monarchy and widened the franchise to include the common people. Britain successfully faced the external challenges of the Seven Years War, the American Revolution and the Napoleonic wars and entered into a new phase of imperialist activity in Africa and Asia. It struggled with the challenges posed by urbanization, the industrial revolution, and the social problems these engendered. The middle class came to prominence and family and gender roles were transformed. This survey course examines the major events and developments in the history of Britain in this exciting period with the specific topics in any year selected by the instructor.

HIST-214
The Celtic Crescent before 1801
3 Credits Weekly (3-0-0)
This course examines the development of the Celtic regions of the British Isles and Ireland prior to the creation of the United Kingdom of Great Britain and Ireland in 1801. Some historians have argued that it is in this period that the modern sense of Celtic identity has its roots. Important to this development is the fact that Ireland, Wales, and Scotland are often subsumed under the title “Celtic” and shared a common experience through their interactions with the English. Yet, most scholarship and popular culture portray the Celtic regions of Britain in an undifferentiated manner. This course explores the unique histories of the Celtic regions of the British Isles as well as their shared cultural links and experiences within the region. Topics may include: Roman Britain, King Arthur, the Celtic Church, Picts and Dalriada, the Vikings, Strong Bow in Ireland, Manx Kingship, Owain Glyndwr, Kin Networks, Celtic Identity, Art and Language, Plantation and Colonialism, Resistance, and Incorporation.

HIST-215
American History to 1865
3 Credits Weekly (3-0-0)
This course is a survey of American history to the Civil War. Beginning with the early colonial ventures in Virginia and New England, the course traces the development and expansion of the American federation through the War of Independence, the Mexican-American war, and the Civil War. The American political experiment with constitutional democracy and the development of the party system are examined. The course also identifies and examines important social issues including the treatment of Aboriginal people, slavery and the rights of women.

HIST-251
American History Since 1865
3 Credits Weekly (3-0-0)
This course is a survey of American history since the Civil War. Beginning with Reconstruction, this course traces the social, political, and economic transformation of America as it developed into a global superpower. The industrial and consumer-based society forms the backdrop for the political, social, and geo-political changes: from populism and progressivism to the Reagan revolution, xenophobia to civil rights, isolationism to the Iraq War.
HIST-260  History of Canada to 1867  3 Credits  Weekly (3-0-0)
This course surveys Canadian history before 1867. Attention is given to both the French and English empires, the conflicts that occurred, and the social and political development of the colonies. Special consideration is given to the interactions between these imperial and colonial societies and Aboriginal people. The expansion of the European empires to the Pacific coast is also covered. The course concludes with the Confederation process in British North America.

HIST-261  History of Canada Since 1867  3 Credits  Weekly (3-0-0)
This course surveys Canadian history since 1867. It examines the people, forces and events that have shaped the history of this country, its society, its institutions and its identity. This course provides not only a foundation for further study in Canadian history but also the knowledge necessary for effective citizenship.

HIST-281  Asia Since A.D. 1500  3 Credits  Weekly (3-0-0)
This course is a survey of Asian history since 1500. The focus is on East Asia, including China and Japan, with complementary sections on Southeastern and Southern Asia. The emphasis is on the socio-cultural, economic, and political history of the region as well as relations with other countries and empires in the global community.

HIST-282  History of Modern Japan  3 Credits  Weekly (3-0-0)
This course presents a survey of modern Japanese history beginning with the Meiji Restoration in 1868. Focusing on the major political, social, economic, military, and diplomatic themes, Japan's evolution as a modern state will be examined. Major topics may include the birth of liberal democracy, imperialism and empire, militarism, the Pacific War, and Japan's postwar rise as an economic superpower.

HIST-291  Topics in Political and International History  3 Credits  Weekly (3-0-0)
This intermediate-level course surveys political and international world history with a focus on a particular conceptual topic. The topics are broad-based themes which have political or international consequences; the time period of study may vary from the late middle ages to the present. Examples of topics that might be covered are warfare, state formation and nation-building, the exercise of imperialism both formal and informal, global trade, or the development of political ideologies like liberalism, nationalism and socialism.

HIST-292  History of Women in Europe and North America  3 Credits  Weekly (3-0-0)
Women's history focuses on the experiences of women in the past but it is more than that. It addresses questions of roles and expectations, issues and challenges, ambitions and contributions. Starting from an evaluation of how scholars have conceptualized women and gender, this course examines the history of women in a particular period and geographic area selected by the instructor. Using contemporary feminist theories that construct gender, this course seeks to enhance the student's understanding of how prescriptions and customs of womanhood, socially bounded and culturally constructed, shaped the day to day lives of both elite and labouring women in historical periods since the middle ages.

HIST-294  History of Science and Technology  3 Credits  Weekly (3-0-0)
This course surveys important themes, traditions, people and institutions of Western science, technology and medicine. It familiarizes students with an important aspect of European/Western culture and serves as an introduction to the history of science and technology. This course emphasizes how individuals and societies have understood and explained the natural world and their place in it, and how they have approached and justified the investigation of that world.

HIST-300  Making History: Theory and Methods in History  3 Credits  Weekly (2-0-1)
History is an academic discipline whose practitioners make a systematic study of the complexity, variety, and change of human ideas, behaviours, and actions across time. Historians gather, assess, analyze, and organize information to create knowledge about the past. This course examines the process of making history. It includes discussions about both the nature of historical evidence and the methods historians use. It also introduces students to basic questions and issues concerning the nature of our knowledge of the past.

Prerequisites: Minimum grade of C- in HIST 100 or 6 credits of senior history.

HIST-301  Topics in World History  3 Credits  Weekly (3-0-0)
This course is an intermediate level course that examines world history through detailed study of a particular topic. The topic in any given year is determined by the instructor. Examples of topics include, but are not limited to, broad-based themes such as environmental issues or the status of women, or specialized topics such as the impact of conflict, disease or slavery.

Prerequisites: Minimum grade of C- in any 100-level history course.

HIST-306  Urban Europe: City and Society, 1450-1850  3 Credits  Weekly (3-0-0)
This intermediate-level course explores the European “City” as a major site for social, cultural, economic and political exchange and a site wherein urban actors identified with the multiple communities that formed within city limits. Central to the discussion of the European City is the impact that the national and international flow of ideas, culture, people, goods and capital had on urban centres across Europe over time. Topics include urban sights, sounds, and smells; street-corners and squares; community; built environments; gender and agency; occupation and social status; marginalization; demographic change; and urbanization.

Prerequisites: Minimum grade of C- in any 100- or 200-level history course.
HIST-308
Europe in the Age of Renaissance and Reformation
3 Credits Weekly (3-0-0)
This intermediate-level course explores some of the major themes in the history of Europe from the late fourteenth to the early seventeenth century. Its focus is on cultural, intellectual, and religious history, including the rise of humanism, developments in education, arts and literature, the Protestant and Catholic Reformation, and philosophical and scientific innovations. This exploration of key moments in European history is set within the appropriate political and social contexts of these developments, including the emergence of the nation state, the rise of printing, significant demographic change, and the beginnings of European overseas empires.
Prerequisites: Minimum grade of C- in one of HIST 100, 101, 205, or 209.

HIST-309
Crime and Society in Early Modern Europe
3 Credits Weekly (3-0-0)
This intermediate-level course investigates some of the major themes in the social history of Early Modern Europe from the onset of the Black Death to the Enlightenment. Students focus on the changes in social, political, economic, and cultural attitudes that ushered in new ideas on crime and regulation, poverty and social discipline. Lecture topics and assigned reading materials describe how these ideas affected the peoples of Western Europe and contributed to a variety of ways individuals and groups experienced inclusion and exclusion in their communities.
Prerequisites: Minimum grade of C- in one of HIST 102, HIST 111, HIST 209, HIST 307 or HIST 308.

HIST-311
British Society, Politics, and Culture, 1450-1750
3 Credits Weekly (3-0-0)
This intermediate level course examines the social history of Britain: the lives of its people, both grand and humble. We explore families, courtship and marriage, work and play, gender roles, religion and superstition, crime and punishment, class relations, local and regional identities, poverty and poor relief. Specific topics vary depending on the individual instructor.
Prerequisites: Minimum grade of C- in any 100-level or 200-level history course.

HIST-338
Britain as a World Power
3 Credits Weekly (3-0-0)
Britain held a position of world dominance from the eighteenth century until the world wars of the twentieth century. It acquired a worldwide empire, sometimes deliberately, but often haphazardly. Britain administered its empire in a variety of ways, sometimes indirectly through local rulers, sometimes quite directly. In this course, students examine Britain’s rise as an imperial nation and its relations with other European nations, as well as the process of its decline both as an imperial and a European power.
Prerequisites: Minimum grade of C- in any 100-level or 200-level history course.

HIST-340
Diplomacy, War, and Conflict in the 20th Century
3 Credits Weekly (3-0-0)
This intermediate-level course investigates the origins and consequences of the major military conflicts of the twentieth century. It covers the Great War, the Second World War and the Cold War, as well as the national wars of independence in Asia and Africa, the war for Jammu and Kashmir, the Arab-Israeli conflicts of the Middle East, the Vietnam War and the Gulf War.
Prerequisites: Minimum grade of C- in any 100-level or 200-level History course.

HIST-341
Fascism in Europe 1918-1945
3 Credits Weekly (3-0-0)
This intermediate level course investigates the phenomenon of fascism in inter-war Europe. The course starts from the premise that a generic fascism did exist, and can be defined, and that its origins and ideological components are traceable, not only to the general crisis following the First World War, but to social and political trends going back into the nineteenth century. The course also explicitly compares fascist movements, and the two fascist dictatorships of Italy and Germany, with the authoritarian regimes which become so prevalent in this period, highlighting both the essential differences between the two phenomena, and also the way in which authoritarianism occasionally borrowed fascist language and imagery.
Specific attention is paid to Italian Fascism and German National Socialism, and to the native fascist movements of Eastern Europe.
Prerequisites: Minimum grade of C- in HIST 102 or HIST 112 or HIST 210 or HIST 340.

HIST-342
The Atlantic World
3 Credits Weekly (3-0-0)
Contact among Africans, Europeans and the indigenous peoples of the Americas created an Atlantic World. The Atlantic Ocean linked the nations and peoples living around its edges, beginning in the 15th century and continuing until the wars of independence and the end of the slave trade in the late 18th and early 19th centuries. Slaves and slave-traders, soldiers, merchants, sailors, pirates, indentured servants, convicts, settlers, governors and administrators crossed the ocean to encounter a diverse array of New World peoples. This course examines the lives of these people and the encounters, relationships, exchanges and clashes among these people in their Atlantic context.
Prerequisites: Minimum grade of C- in any 100-level or 200-level history course.
HIST-345
Nationalism
3 Credits  Weekly (3-0-0)
This intermediate-level course examines nationalism as a theme in world history. It starts with an exploration of nationalism as a concept: its history, its terminology and some of the theories cited for its emergence. This course examines the scholarly debate as to how far back we can go in identifying nations, the connection between nationalism and literacy, and that between nationalism and socio-economic development. Relying largely on a consideration of nationalism in a European context, the course nevertheless considers extra-European manifestations, including Canadian, American, Indian and Japanese nationalism; it also considers the peculiar phenomenon of "state nationalism", as attempted in the Russian and Ottoman Empires, and what might be called "confessional nationalism", as typified by modern Islamism.
Prerequisites: Minimum grade of C- in any 100-level HIST course.

HIST-352
The U.S. in World Affairs
3 Credits  Weekly (3-0-0)
This course examines the history of American foreign policy during the 20th century providing insight into the process of foreign policy decision making, as well as the ramifications U.S. foreign policy has on nations around the world. Major topics include expansionism, "Big Stick" diplomacy, Wilsonianism, entry into wars, relations with Latin America and the Middle East, as well as the origins, culture, and effect of the events of the Cold War.
Prerequisites: Minimum grade of C- in any 100- or 200-level history course.

HIST-361
Canadian Political History
3 Credits  Weekly (3-0-0)
This course examines the political history of Canada since Confederation. Although the federal political system is the central focus of the course, provincial political developments of national importance are not ignored. Among the topics discussed in this course are the Pacific scandal, the Manitoba school question, women's suffrage, the Progressive party and Maritime Rights movement, the politics of unemployment, the rise of Social Credit in Alberta, the formation of the CCF and NDP, Medicare, the Quiet Revolution, the Constitution Debates, and the Meech Lake accord.
Prerequisites: Minimum grade of C- in any 100-level or 200-level history course.

HIST-362
History of Alberta
3 Credits  Weekly (3-0-0)
Alberta occupies a distinct space in the Canadian federation. Created by an act of the federal government in 1905, the province was originally settled by immigrants from Europe who sought opportunities in agriculture and mining. The rural province was transformed by the depression and the discovery of oil and gas. Today it is an urban province that attracts immigrants from around the globe. It also has a distinct political culture. The province has been governed by a series of political dynasties from the Liberals to UFA to Social Credit to the Conservatives. Each of these political dynasties had a tendentious relationship with the federal government and the province’s electors have consistently supported political parties that emphasized a decentralized federal regime. This course examines these changes in economic, social, and political conditions to help us better understand Alberta today.
Prerequisites: A minimum grade of C- in any 100- or 200-level history course.

HIST-366
The Canadian West
3 Credits  Weekly (3-0-0)
This course examines the history of the Canadian West. Social, political and economic developments in this region continue to play a central role in Canada's development. Topics include the experiences of Aboriginal people, the region's leadership in social policy related to immigration, women's suffrage and Medicare; the resource-based economy of furs, wheat, timber, mining and oil; and the distinctive political culture and alternative political parties that have emerged in the Canadian West including the Progressives, CCF, Social Credit, and Reform.
Prerequisites: Minimum grade of C- in any 100- or 200-level history course

HIST-367
Canada in World Affairs
3 Credits  Weekly (3-0-0)
This course examines Canada's diplomatic, military, economic and political role in world affairs. Canada's relationship with the British Empire and the United States receives special emphasis. Attention is also given to the affect of international affairs on domestic social and political issues.
Prerequisites: Minimum grade of C- in any 100- or 200-level history course.

HIST-369
First Nations and Canada
3 Credits  Weekly (3-0-0)
This intermediate level course examines Canada's relationship with First Nations from the 1830s to the present. The focus is on the interplay between the aspirations of First Nations, Aboriginal rights, constitutional law, economic and social changes, and the development of government policy. Special attention is paid to the consequences of the policy development for Aboriginal societies and culture.
Prerequisites: Minimum grade of C- in HIST 260 or HIST 261.
COURSE DESCRIPTIONS

HIST-397
Public History
3 Credits Weekly (3-0-0)
Public history is a branch of historical work that involves presenting history to the public or working with the public to conduct research and interpret the past. This course introduces students to some of the theories about public history and some of the issues in the field, including ideas about memory and representation, heritage and history, and preservation and interpretation. It examines common sources for public history, including material culture, archives, and oral interviews. It also explores some of the opportunities available in the field of public history.
Prerequisites: Minimum grade of C- in any 100 or 200 level history course.

HIST-398
Independent Study
3 Credits Total (0-0-45)
This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

HIST-400
Senior Thesis
3 Credits Weekly (0-0-3)
In this individual study course, students write a major essay and make a conference-style presentation on a specific topic of their choice. This course is open only to History Majors. Note: Students may receive credit for only one of HIST 400 and HIST 401. Prerequisites: Consent of the department.

HIST-401
Senior Research Project
3 Credits Weekly (0-0-3)
In this seminar course, students conduct research, write a major essay, and make a conference-style presentation on a topic chosen by the instructor. This course is open only to History Majors. Note: Students may receive credit for only one of HIST 400 and HIST 401. Prerequisites: A minimum grade of C- in 30 credits of senior history courses including HIST 300.

HIST-410
Topics in European History
3 Credits Weekly (0-0-3)
In this seminar-based course, students discuss, criticise and analyse readings on a selected topic in European history. They also prepare a major research paper on an issue related to one or more of the seminar topics. The topic in any given year is selected by the instructor. Prerequisites: Minimum grade of C- in 9 credits of 200 or 300-level HIST including one of HIST 205, HIST 209 or HIST 210.

HIST-411
Topics in British History
3 Credits Weekly (0-0-3)
In this seminar-based course, students discuss, criticise and analyse readings on a selected topic in British history. They also prepare a major research paper on a subject related to the course topic. The topic in any given year is selected by the instructor. Prerequisites: Minimum grade of C- in 9 credits of 200- or 300-level HIST courses.

HIST-414
Topics in Canadian History
6 Credits Weekly (0-0-3)
In this seminar, students discuss, critique, and analyse readings on a selected topic in Canadian history. They also prepare a major research paper on an issue related to the seminar topic. The topic in any given year is selected by the instructor. Prerequisites: Minimum grade of C- in 6 credits of 200- or 300-level HIST courses, and a minimum grade of C- in ancient or medieval history courses (CLAS 310, CLAS 314, CLAS 315) or courses as determined by the department.

HIST-460
Topics in Canadian History
3 Credits Weekly (0-0-3)
In this seminar, students discuss, critique, and analyse readings on a selected topic in Canadian history. They also prepare a major research paper related to the seminar topic. The topic in any given year is selected by the instructor. Prerequisites: Minimum grade of C- in 9 credits of 200 or 300-level history courses including either HIST 260 or HIST 261.

HIST-476
Topics in Ancient and Medieval History
3 Credits Weekly (0-0-3)
In this seminar, students discuss, critique, and analyse readings on a selected topic in ancient or medieval history. They also prepare a major research paper on an issue related to the seminar topic. The topic in any given year is selected by the instructor. Prerequisites: Minimum grade of C- in 6 credits of 200- or 300-level history courses, and a minimum grade of C- in ancient history courses (CLAS 210, CLAS 314, CLAS 315) or courses as determined by the department.

HIST-490
Topics in Social History
3 Credits Weekly (0-0-3)
In this seminar, students discuss, critique, and analyse readings on a selected topic in Social History. They also prepare a major research paper related to the seminar topic. The topic in any given year is selected by the instructor. Prerequisites: Minimum grade of C- in 9 credits of 200- or 300-level history courses.

HIST-497
Independent Study
3 Credits Total (0-0-45)
This course will permit a senior-level student to work with an instructor to explore a specific historical topic in depth through directed reading and research in primary and secondary sources. Note: Enrolment is by consent of the department. Prerequisites: Minimum grade of C- in HIST 300 and in 15 credits in 200- or 300-level history courses.
HIST-498
Advanced Independent Study
3 Credits  Total (0-0-45)
This course permits senior-level students to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

HIST-499
Field Placement
3 Credits  Weekly (0-0-9)
In this course, students are assigned to public history, community, and/or heritage organizations where they apply their knowledge and skills in supervised projects. Note: This course does not fulfill the 400-level course requirement for the history major. Prerequisites: Minimum grade of C- in either HIST 300 or HIST 397 and consent of the department.

HLSC-104
Applied Human Anatomy
3 Credits  Weekly (3-0-0)
Students examine the anatomical structures of the human body. The anatomical terms of reference and basic histology are referred to as each of the body systems are studied. This course does not transfer to the Nursing Programs.

HLSC-105
Applied Human Physiology
6 Credits  Weekly (6-0-0)
Students examine the function and regulation of the human body including neural and hormonal homeostatic control mechanisms. The musculoskeletal, circulatory, respiratory, digestive, urinary, immune, reproductive, and endocrine organ systems are discussed. The course does not transfer to the Nursing Programs.

HLSC-120
Human Anatomy
3 Credits  Weekly (3-0-0)
The structure and functions of the human body are introduced within a health science perspective. The tissues, organs and major body systems are explored at macro and micro levels, with consideration of regional anatomy and functional integration. Terminology particular to descriptions and organization of human anatomy is introduced. Note: Students cannot obtain credit in both HLSC 120 and NURS 105. Prerequisites: Biology 30.

HLSC-124
Microbiology for Health Professionals
3 Credits  Weekly (3-0-0)
Principles of microbiology and classification of microbes are introduced. The focus is on the nature, reproduction and distribution of common microorganisms, and the epidemiology and role of pathogenic organisms in infectious diseases. Human immunology, antimicrobial strategies and health systems are integrated into discussion of the prevention and control of infectious diseases in humans. Note: Only one of HLSC 124 or MMID 133 may be taken for credit. Prerequisites: Minimum grade of C- in Biology 30.

HLSC-126
Human Physiology I
3 Credits  Weekly (3-0-0)
Normal function and maintenance of homeostasis in the human body are addressed. Emphasis is placed on integrative function of the major systems; cardiovascular, respiratory, hematological, immune/inflammatory, digestive, reproductive, endocrine and urinary systems. Normal physiological changes associated with pregnancy, growth, development, and aging are discussed. Note: Only one of HLSC 128, HLSC 122, NURS 108 or PHSL 162 may be taken for credit. Prerequisites: Minimum grade of C- in HLSC 120 and HLSC 126.

HLSC-128
Human Physiology II
3 Credits  Weekly (3-0-0)
Normal function and maintenance of homeostasis in the human body are addressed. Emphasis is placed on integrative function of the major systems; cardiovascular, respiratory, hematological, immune/inflammatory, digestive, reproductive, endocrine and urinary systems. Normal physiological changes associated with pregnancy, growth, development, and aging are discussed. Note: Only one of HLSC 128, HLSC 122, NURS 108 or PHSL 162 may be taken for credit. Prerequisites: Minimum grade of C- in HLSC 120 and HLSC 126.

HLSC-220
Pharmacotherapeutics for Health Professionals
3 Credits  Weekly (3-0-0)
Concepts of pharmacology are explored, with an emphasis on pharmacotherapeutics within health and illness experiences. Aspects of human physiology, growth, development and aging are integrated. Indications for use, mechanisms of action, therapeutic and adverse effects, assessment and patient/client education are explored in relation to major medication classifications and common medications. Professional responsibilities for provision of safe and optimal pharmacotherapy are examined. Political, legal, ethical, social and economic factors are discussed with regard to medications and health. Recognition of professional responsibilities and limitations are emphasized with regard to medication administration and evaluation. Note: it is strongly recommended that HLSC 222 - Alterations in Health Across the Lifespan - be completed before or taken concurrently with this course. Prerequisites: Minimum grade of C- in HLSC 124 and HLSC 128.
HLSC-222
Alterations in Health Across the Lifespan
3 Credits Weekly (3-0-0)
This course builds on previous knowledge of microbiology, human anatomy and physiology by exploring etiological processes of disease and how these processes cause alterations in the structure and function of human cells, tissues, organs, and/or systems. Manifestations and experiences of select acute and chronic alterations in health across the lifespan are related to these pathophysiologial changes. Mind-body-spirit interactions are addressed and the difference between disease and the illness experience are explored. Major concepts associated with disease are examined including risk factors, health determinants, growth and development, epidemiology, and levels of prevention. Prerequisites: Minimum grade of C- in HLSC 124 and HLSC 128.

HLST-101
Interpersonal Skills Development
3 Credits Weekly (3-0-0)
Students develop skills to communicate effectively with individuals and groups from diverse backgrounds and cultures. Students identify the impact of communication styles on individuals and groups. Conflict management and team building strategies are included. Personal and professional development concepts are introduced.

HLST-150
Pathophysiology
3 Credits Weekly (3-0-0)
Students explore the concepts of health and disease throughout the human lifespan. The etiology, pathophysiology and clinical manifestations are covered in relation to commonly-occurring conditions of major body and organ systems. Pathologies are discussed in a clinical context and provide the learner with knowledge of how to assess and treat patients who present with these conditions. Aspects of disease prevention are also emphasized.
Prerequisites: MTST 126.

HLST-152
Foundations in Health
3 Credits Weekly (3-0-0)
Perspectives and definitions of health are explored. Factors that influence the health of individuals and families within the Canadian context are examined. Models and theories of change that influence individual health behaviour are introduced. The influence of selected reports, legislation, and funding on the Canadian health care system are explored. Students are introduced to the concepts of health promotion, primary health care, primary care, and access to health care services, as they relate to the achievement of health by individuals within the context of family.

HLST-154
Professional Communication
3 Credits Weekly (3-0-0)
Perspectives and definitions of communication are examined including factors which influence communication within the Canadian multi-cultural context. Models and theories of communication that influence both individual and professional behaviours are introduced. The influence of legislation, social media, and therapeutic interactions in the health care system are explored. Students are introduced to the principles of relational practice for individuals, families, health care teams and communities of practice.

HLST-159
Health Foundations
3 Credits Weekly (3-0-0)
Students explore foundations in health from multiple perspectives, including definitions of health, health determinants, factors that influence mental and physical health, professional roles and responsibilities, and points of access to health care services. Primary health care and primary care are introduced. Students examine how indicators of health and illness/injury influence program and policy development, as well as the influence of selected reports, legislation, and funding on the evolution of the Canadian health care system. Students receive an introduction to models and theories of change related to health promotion and injury prevention. Note: Credit can be obtained in only one of HLST 152 or HLST 159.

HLST-210
Human Sexuality
3 Credits Weekly (3-0-0)
This course provides an overview of human sexuality. Biological, psychosocial and cultural components of sexual health are integrated throughout the course. Instructor presentations, group discussions and expert guest speakers provide students with the opportunity to explore a wide range of topics in this complex subject.

HLST-230
Culture Competence in a Multicultural Society
3 Credits Weekly (3-0-0)
Students develop theoretical and experiential knowledge and practical skills needed to function competently in intercultural situations. Students explore their cultural identities in order to understand the nature and influence of culture and develop sensitivity to cultural nuances. They learn the meaning and importance of culture competency from global, professional and personal perspectives and examine the dynamics of power and oppression as they relate to cultural minorities, particularly immigrant and refugee populations. Principles for community development in cultural communities and culturally diverse communities are addressed. Students evaluate culture competence in a work environment.

HLST-290
Nutrition/Pharmacological Concepts
3 Credits Weekly (3-0-0)
This course presents the basic principles of nutrition which promote a healthy lifestyle and the basic principles of pharmacology. Nutrition content emphasizes awareness of healthy nutrition and choice. Pharmacology content emphasizes the use of health promotion and disease prevention medications with a focus on classifications, indications, and adverse effects. Implications for safe massage therapy practice are discussed.
Prerequisites: HLST 150.
HLST-320
Health and Society
3 Credits
Weekly (3-0-0)
In this course learners are exposed to a broad range of views and perspectives overarching the elements of health and society. Theoretical frameworks are used to explore health and mental health as socially constructed concepts within selected populations. Selected key issues and challenges for marginalized populations are examined from the perspective of health promotion, social justice and the global perspective. Focus is also placed on political, economic and social forces that contribute to the evolution of mental health service delivery within a national and global context. The concepts of social justice and health promotion are discussed in terms of their influence on the role of the psychiatric/mental health nurse in contemporary society.

HLST-321
Advanced Skills in Therapeutic Modalities
4 Credits
Weekly (3-2-0)
This course is designed to expand the repertoire of therapeutic modalities that can be employed by psychiatric/mental health nurses within therapeutic nurse-client relationships. Learners expand theoretical knowledge and skills with selected current psychotherapies within the context of a cross-generational population. The role of the psychiatric/mental health nurse in individual and group therapy is expanded from an experiential perspective. Knowledge and skills in crisis intervention, conflict management, and counseling are further developed and applied.

HLST-350
Principles of Wound Assessment and Management
3 Credits
Total (45-12-0)
Students explore the rapidly expanding domain of wound management. The student acquires the knowledge related to the physiology of wound healing and develops the skills necessary to appropriately assess and diagnose a client with a chronic or problem acute wound. Students appreciate a holistic approach to wound assessment and management and gain skill in determining a care plan that provides optimal management of the wound environment.

HLST-351
Management of Chronic and Problem Acute Wounds
3 Credits
Total (45-12-0)
Students examine the management and advanced assessment of chronic and acute problem wounds. Pathophysiology of specific problem wounds such as venous stasis ulcers, diabetic foot wounds and complicated surgical wounds are explored in detail, enabling the student to expand previously attained knowledge and skills. Students practice differentiating and documenting wound etiologies and appreciate adjunctive modalities that are useful in treating chronic or acute problem wounds. Using case studies and interactive communication, students develop critical thinking skills necessary to establish, implement, and evaluate a holistic and client focused care plan that provides optimal wound management and prevention. Impact on the patients quality of life is explored.
Prerequisites: HLST 350.

HLST-352
Wound Management Clinical
3 Credits
Total (0-0-76)
Students apply principles of ethical, evidence-based wound management in a range of clinical settings across the health care continuum. The knowledge base and critical thinking skills developed during previous wound courses is synthesized and conveyed in an assortment of clinical environments. The clinical experience provides the students an opportunity to work with an interdisciplinary collection of wound care practitioners. Students compare and contrast various wound practices through interactive communication and reflective journals.
Prerequisites: HLST 350.

HLST-353
Drains, Fistulas, Peristomal
3 Credits
Total (45-12-0)
In this course the focus is on the assessment and management of skin conditions associated with drain sites, fistulas, and peristomal complications. Students acquire the knowledge and skills necessary to assess a client with skin breakdown associated with a drain site, a fistula, and peristomal complications. Students expand on previously attained knowledge and skills in wound management to establish, implement, and evaluate a plan of care that provides optimal wound management.

HLST-354
Healthy Populations
3 Credits
Weekly (3-0-0)
Principles and concepts of population health are examined with an emphasis on the influence of the determinants of health. Health promotion processes are examined including strengthening community action, building healthy public policy, creating supportive environments, developing personal skills and re-orienting health services. Primary health care concepts, empowerment, and capacity building are integrated. Intersectoral and interprofessional collaboration within local, national and international programs are explored. Societal and economic implications of primary health care and public health policy are analyzed within the Canadian context.
Prerequisites: Minimum grade of C- in HLST 152, 100-level statistics course.

HLST-355
Vascular Assessment
3 Credits
Total (30-30-0)
The focus of this course is on vascular assessment of the lower extremities. With case based content, the course focuses on the application and synthesis of both clinical and technical vascular assessments to apply to patient care and treatments. Topic highlights include Ankle Brachial and Toe Brachial Indices related to arterial and venous health, diabetes, wound healing and diagnosis. This course utilizes a paced, blended delivery model including class, lab and online components.

HLST-400
Global Health Perspectives
3 Credits
Total (15-40-0)
This course offers the opportunity for analysis of perspectives that affect the global health community including social justice, health equity, gender, human rights, political agendas and ethical issues. Principles and concepts of global health are examined with an emphasis on key health issues, priorities and emerging challenges. Global partnerships/initiatives and innovations that focus on improving health outcomes and reducing global health inequities are evaluated. A two-week study tour includes a range of activities designed to connect students with policy makers, health care workers and health agencies in the host country.
Prerequisites: Minimum grade of C- in HLST 354 or consent of the department.
HRMT-131
Compensation
3 Credits Weekly (3-0-0)
Students are introduced to current compensation theories and concepts, including linkages to an organization's strategy and to other human resources functions. Students apply their knowledge of compensation by designing, costing and evaluating a variety of compensation elements, including job evaluation systems, choices of direct or indirect pay, performance rewards and variable compensation. 
Prerequisites: HRMT 180 or HRMT 200.

HRMT-145
Staffing
3 Credits Weekly (3-0-0)
Students examine the dynamics of the recruitment and selection processes, as well as the legal issues associated with the staffing function. The strategic role of staffing and its integration with other human resources management activities is also addressed. Other topics include the use of non-traditional employment relationships and deployment.
Prerequisites: HRMT 180 or HRMT 200.

HRMT-151
Employee and Labour Relations
3 Credits Weekly (3-0-0)
Students examine the context of the labour-management relationship in Canada and the role of unions in the workplace. Students identify the legislative framework and key processes associated with union formation, the collective bargaining process, contract administration and dispute resolution. The effects of the on-going union relationship on other human resources management functions are also explored.
Note: Credit can be obtained in only one of HRMT 151 or HRMT 150.
Prerequisites: HRMT 180 or HRMT 200 and LEGL 212.

HRMT-160
Training and Development
3 Credits Weekly (3-0-0)
Students explore the principles, concepts, and processes leading to quality learning experiences and examine the role of training and development in relation to other human resources processes. Students apply their understanding of learning theories and design processes to the development, costing, presentation and evaluation of a short training and development experience.
Prerequisites: HRMT 180 or HRMT 200.

HRMT-200
Management of Human Resources
3 Credits Weekly (3-0-0)
Students explore the role of human resources management in contemporary organizations and identify effective practices to hire, retain and develop employees. Students identify the interrelationships between the functional areas of human resources management including planning, recruitment, selection, training and development, performance management, total compensation, workplace health and safety, and employee and labour relations. Students examine key legislation relevant to human resources management and apply their knowledge to current and emerging workplace challenges.

HRMT-231
Employee Benefits
3 Credits Weekly (3-0-0)
Students examine the function and appropriate uses of employee benefits as part of a total compensation. Students explore the relationship between employee benefits and an organization's human resources strategy and identify the effects of the legal environment and current trends on the design and administration of benefit plans. Students apply their knowledge of employee benefits and organizational needs to the planning design, costing, implementation, administration and communication of a comprehensive benefits program.
Prerequisites: HRMT 131.

HRMT-275
Workplace Health and Safety
3 Credits Weekly (3-0-0)
Students explore the legal and organizational requirements for health and safety policies and practices in the workplace and the personal and organizational effects of workplace accidents, injuries and disabilities. Students assess and develop health, safety and wellness initiatives that will enhance organizational performance and that are consistent with applicable regulatory standards.
Note: Credit can be obtained in only one of HRMT 275 or DMWP 104.
Prerequisites: HRMT 160.

HRMT-280
Human Resources Field Placement
3 Credits Total (0-0-120)
Students gain experience in work search and the field of human resources management through a work integrated learning project. Each student meets with an assigned Faculty member and a participating sponsor organization. An appropriate human resources management project is designed and carried out by the student. Student achievement is jointly evaluated by Faculty and members of the participating organization.
Prerequisites: HRMT 131, HRMT 145, HRMT 151, HRMT 160.

HRMT-295
Strategic Human Resources Management
3 Credits Weekly (3-0-0)
Through case study analysis, students apply an integrated knowledge of human resources management practices to the formulation and achievement of organizational goals. Students research, analyze, evaluate and develop strategic responses to a variety of current and emerging staffing, employee retention and performance management issues. Students also develop their professional practice skills. This course is intended to be taken in the final term of the Human Resources Management Diploma program. Note: Credit can be obtained in only one HRMT 295 or HRMT 270.
Prerequisites: HRMT 131, HRMT 145 and ORGA 233.
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HSAD-305
Interpersonal Communication Skills for Human Service Administrators
3 Credits    Weekly (3-0-0)
Students explore the interpersonal dimension of the role of leaders, managers, and supervisors in human service agencies. Students gain an understanding of leadership roles in human service agencies and develop skills for creating effective interpersonal environments in their workplaces. Students have the opportunity to review and extend their communication skills, to learn strategies for time and stress management, and to explore and practise skills required for team building, setting directions, action-planning, managing meetings, problem-solving, and resolving conflict.

HSAD-310
Managing Human Resources
3 Credits    Weekly (3-0-0)
Students are introduced to the theory and practice of personnel management in human service organizations and develop skills in managing a diverse workforce. Utilizing a humanistic approach to human service management, students begin to acquire the skills to recruit, select, orient, train and retain staff. Students learn to develop job descriptions, appraise staff with the goal to improve performance, and conduct environmental scans to improve human resource practices. Additional topics studied include leadership styles, labour relations, occupational health and safety, and the unique considerations related to part-time and contracted employees.

HSAD-315
Managing Financial Resources in Human Service Agencies
3 Credits    Weekly (3-0-0)
Students are introduced to financial accounting and bookkeeping in human service organizations. Students develop the skills required to manage an organization’s financial resources, including budget analysis, payroll, preparing for audits, and managing endowment funds and charitable donations.

HSAD-325
Research Practices in Human Service
3 Credits    Weekly (3-0-0)
Students gain knowledge of the research process and research methods commonly employed in the social sciences. Students examine how research is conducted and discuss a number of research methods including qualitative, quantitative, action, and narrative. Students develop the knowledge and skills required to read research reports critically and participate in research in an ethical and thorough manner.

HSAD-330
Managing Physical Resources in Human Service Agencies
3 Credits    Weekly (3-0-0)
Students become familiar with important aspects of managing physical resources in human service organizations. Students learn to develop business plans, to assess and address facility needs, and to plan for improvements, including finding space in the community, renovation, new construction, and financing. Strategies for risk management and facility and equipment management, including maintenance procedures, leasing, and the security of information technology resources, are introduced as important tools for the human service administrator.

Prerequisites: HSAD 300, HSAD 305.

HSAD-335
Managing Change in Human Service Agencies
3 Credits    Weekly (3-0-0)
Students cultivate the knowledge and skills necessary to respond to organizational change in a strategic and proactive manner. Students develop strong strategic planning skills and are able to develop and implement strategic and proactive responses to manage uncertainty and change.

Prerequisites: HSAD 300, HSAD 305, HSAD 310.

HSAD-345
Community-Based Practice in Human Service Agencies
3 Credits    Weekly (3-0-0)
This course is designed to introduce students to the theory and practice of community work. The key role healthy, sustainable communities play in enhancing the health, education, and social programs delivered by formally organized institutions is explored. Students learn that community practice is a process of collaboration within a network of individuals and other service providers and will develop the skills and knowledge to be an effective part of this process.

Prerequisites: HSAD 300, HSAD 305, HSAD 310.

HSAD-350
Trends and Issues in Human Service Administration
3 Credits    Weekly (3-0-0)
Students explore the management implications of current trends and issues on the organization and delivery of human services. Demographic, economic, social, and political trends in Canada are identified and the associated issues and implications discussed and analyzed. Students are introduced to human service delivery in a selection of countries to understand how the evolution of social policy impacts human service delivery.

Prerequisites: HSAD 310, HSAD 315, HSAD 325.

HSAD-459
Directed Field Study in Human Service Administration I
15 Credits    Total (0-0-537)
Students build on the skills and knowledge attained in previous program courses as they explore leadership development and managerial practice within the directed work situation. In consultation with the instructor, supervisor and/or a mentor, students set learning and development goals and use reflection to evaluate and guide their progress as human service managers and leaders. Project management theory is introduced. Students identify and do initial research on the project they will complete in their final directed field study. Team roles and functioning are explored in the context of seminar activities.

Prerequisites: HSAD 300, HSAD 305, HSAD 310, HSAD 315, HSAD 325, HSAD 330, HSAD 335, HSAD 345 and HSAD 350.

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HUMN-202

Humans, Nature, and the Divine
3 Credits
Weekly (3-o-0)
This course emphasizes an empathetic understanding of human beings in their relationships with nature and the divine. In analyzing historical, literary, and philosophical works from more than one historical period and geographical area, students study and analyze the ways in which human beings construct relationships which are not focussed specifically on other human beings. Readings from the following authors may be included: Euripides, St. Teresa de Avila, Galileo Galilei, and Kierkegaard.
Prerequisites: Minimum grade of C- in one course in any Humanities discipline.

HUMN-354

Cultural Capitals of Britain
6 Credits
This upper level travel course focuses on the history and literature of British cities. Using an interdisciplinary approach students examine the dynamic and complex relationships of geography and built environments by exploring historical documents and literary texts before being accompanied to select British sites of interest, including museums, historical monuments and other cultural artifacts. As urban spectators, students investigate the historical and cultural amenities of Britain's Cultural Capitals, and consequently get a breadth of context to understand how urban spaces shaped the lives of the people who have lived and who live in these dynamic cities. Students are required to cover the costs of travel to Britain and associated living expenses.
Prerequisites: A minimum grade of C- in two of HIST 211, HIST 212, HIST 311, HIST 312, or HIST 338 (or equivalent), or a minimum grade of C- in 6 credits of 200- or 300-level ENGL.

INDG-100

Introduction to Indigenous Studies
3 Credits
Weekly (3-o-0)
Indigenous Studies 100 seeks to introduce students to various aspects of Indigenous Studies: historical, sociological, oral, and literary. Students develop critical thinking and writing skills applicable across the university curriculum through intensive reading and analysis of specifically Indigenous writers and various texts/documents related to Indigenous Studies. Students analyze works by Indigenous writers from various literary genres, genres which may include literary, historical, anthropological, and sociological texts. Additional cultural opportunities are built into the course, such as opportunities to meet with elders, participate in ceremonies, and so on. These opportunities expand the contextualization of the texts studied and give students a unique sense of the connection between community, its texts and traditions, its history, and its current context. This course is offered as a dual-credit course with Amiskwaci Academy.

INFM-101

Libraries in the Information Age
3 Credits
Weekly (3-o-0)
This course introduces students to the role of libraries in a modern information society. Major topics include: the information cycle; the organization, services, and evolving issues of libraries and information centers in the digital age; and an overview of the role of information professions.

INFM-103

Reference Fundamentals
3 Credits
Weekly (3-o-0)
Students are introduced to and examine basic information sources and services. Standard reference sources, both print and electronic, are studied and students acquire an understanding and practical knowledge of the common reference sources used in public services. The philosophy of customer service including issues and procedures are introduced.
INFM-104
Acquisition and Management of Collections
3 Credits Weekly (3-0-0)
This course covers the principles, policies and procedures for developing and managing collections. Students develop skills in the review, evaluation, selection, verification, acquisition, and receiving procedures for print and non-print material. The management of acquisitions budgets, and examination of the organization and function of the technical services department is covered. Students learn to find, verify and use systems for document delivery and interlibrary loan management.

INFM-152
Information Services I
3 Credits Weekly (3-0-0)
Students learn how to conduct and analyze an effective reference interview for both in-person and electronic environments. Electronic database search techniques are developed. Services, activities, and issues relating specifically to public and school libraries are considered. Trends and factors influencing the future of libraries and information technology will be discussed. Prerequisites: INFM 103.

INFM-155
Organization of Information I
3 Credits Weekly (2-2-0)
This course introduces students to the theory and principles of information organization. It examines in detail the Anglo-American Cataloguing Rules for describing information materials in a variety of formats, and Library of Congress Subject Headings lists for organizing information for retrieval by subject. Also included are MARC and other information exchange formats and procedures for deriving cataloguing and subject access information from external sources.

INFM-202
Information Services II
3 Credits Weekly (3-0-0)
This advanced level reference course introduces students to the principles and practices of database searching, reference materials in specialized collections, instructional techniques, and social media trends in libraries. Students will examine the structure and philosophy of academic and special libraries, focusing on resources for specific subjects and special clientele. Prerequisites: INFM 152.

INFM-205
Organization of Information II
3 Credits Weekly (2-2-0)
This course covers the principles and practice of classification of materials using the Dewey Decimal and Library of Congress classification schemes. Further examination of MARC coding, and methods of organizing specialized information materials is also included. Students are introduced to the Resource Description Access (RDA) rules for cataloging. Prerequisites: INFM 155.

INFM-208
Library Services for Children and Young Adults
3 Credits Weekly (3-0-0)
This course introduces the learner to children’s and young adults’ literature; its history, the various forms, and evaluative techniques employed in selecting literature for these age groups. Students learn to design and deliver library programs for children and young adults including storytelling, booktalks, and puppetry. Prerequisites: INFM 101 and INFM 152.

INFM-209
Records, Information, and Privacy Management
3 Credits Weekly (3-0-0)
Students are introduced to the Resource Description Access (RDA) rules for describing information materials is also included. Forms and content and management, policy development and review, access and privacy legislation. Additional areas that are covered are national and international standards and professional certifications. Students will also be introduced to archival management of records. Prerequisites: INFM 101.

INFM-210
Information and Society
3 Credits Weekly (3-0-0)
This course examines the larger context of the library within the community and in society, and the role of library staff within that environment. Prerequisites: INFM 101, INFM 104.

INFM-219
Archives and Electronic Records Management
3 Credits Weekly (3-0-0)
Students study the archival management of records including fundamental concepts of archival science, contemporary issues, digital archives and the role of the archival technician. Students also study best practices in records management and issues regarding the impact of technology on the management of electronic records. The implications of legislation, standards, and regulations, as well as the establishment of a records preservation plan is discussed. Prerequisites: INFM 209.

INFM-258
Information Systems Design
3 Credits Weekly (3-0-0)
Students are introduced to systems analysis and design in the information environment. Topics include identifying and defining problems, the role of the human element in systems analysis and design, system selection, testing, implementation, user interface design, the current state of the systems marketplace, open source alternatives to proprietary system solutions, and evaluating system performance and vendor support. Prerequisites: INFM 202 and INFM 205.

INFM-259
Information Services Management
3 Credits Weekly (3-0-0)
Students study and examine the governance of libraries, including core values of the library profession, the mission and vision statements, the strategic planning process, and policy development. Change management and project management techniques and principles are used to illuminate key trends affecting libraries and library service. Leadership styles, supervision, budgets, and customer service are covered. Several human resource components are practiced including job posting and job description writing, interviewing skills, and performance management cycle. Other types of information organizations and entrepreneurship are also discussed. Prerequisites: INFM 202 and INFM 205.
INFM-260
Field Placement
3 Credits Total (0-0-140)
Students gain first-hand on-the-job experience through supervised workplace learning in a library setting. Prior to field placement, students update their professional portfolio and write a resume and a cover letter for a job application. Practice in conducting a job search and a job interview is provided. Employers and recent graduates offer an insider’s view of expectations in the workplace and how to have a successful workplace learning experience.
Prerequisites: INFM 255, INFM 258 and INFM 259.

INSE-098
Integration Seminar
0 Credits Weekly (0-0-2)
Students in the Physical Education transfer program acquire the skills to aid in the transition from high school to university level work. Sessions include: database searches, writing term papers, exam writing skills, time management, avoiding plagiarism and others. This is a required course for all students enrolled in the first year of the Physical Education transfer program. (This course carries no credit towards a degree).

INSE-099
Integration Seminar
1 Credit Total (0-0-7)
This course is designed to provide students in University Studies an opportunity for general academic development and planning. Students are updated on current happenings at the University of Alberta, in order to facilitate a smooth transfer between institutions. This is a required course for all first-year science students. (This course carries no credit toward a degree.)

INSR-203
Automobile Insurance
3 Credits Weekly (3-0-0)
Students are introduced to automobile insurance practices including application forms, policy wordings and endorsements. Students examine insurance programs for insurance availability, provincially governed indemnity funds, as well as automobile insurance rating and marketing. This course focuses primarily on automobile insurance provision in Alberta, but students are also introduced to the various plans in all other Canadian jurisdictions.

INSR-101
Insurance Principles and Practices
3 Credits Weekly (3-0-0)
Students develop an understanding of basic insurance principles and the primary benefits insurance contributes to society. Students are introduced to legal concepts and the legal environment in which insurance operates. They examine an insurance contract and are introduced to the legal elements required of all legally binding contracts. They explore the concepts of risk and its relationship to insurance. The role of risk management and the risk management process are introduced. Students examine insurance application forms, policies, binders, claims forms, and other documents common to the industry. Students differentiate between the various organizational forms of insurance companies and brokerages and are introduced to the reinsurance companies and the role they perform in the marketplace. They also develop an understanding of the types and methods of reinsurance.

INSR-202
Property Insurance
3 Credits Weekly (3-0-0)
This course is an introduction to property insurance. Students examine the basic fire insurance policy and the evolution and broadening of it. Students are introduced to mortgage clauses, limitation clauses, including co-insurance, and statutory conditions relating to property insurance. Using basic form insurance policies, students examine how policy wordings are adapted and expanded to cover the various needs of the consumers. This includes both personal and commercial lines consumers. The examination introduces students to habitational insurance, such as homeowner’s forms as well as commercial building equipment and stock policy forms. Students also evaluate the influence of legislation in the development of standardized property insurance wordings and practices.

INSR-204
Liability Insurance
3 Credits Weekly (3-0-0)
Students examine important legal principles affecting liability insurance, including the basis for legal liability (common law, statutory and contractual). The Commercial General Liability Policy forms the basis for student learning in insurance contract analysis. Cases are used to apply hypothetical liability claims to determine coverages. Other coverages include products liability, workers’ compensation, employers’ liability and environmental liability. The course includes a brief discussion of underwriting and rating of liability insurance.

INSR-205
Risk Management and Insurance
3 Credits Weekly (3-0-0)
Students are introduced to the risk management process. They examine objectives, identify and analyze exposures, and formulate alternatives for dealing with identified exposures. Students describe in detail the methods for managing risk: loss control, loss financing, retention and transfer of risks. Commercial property, liability, business interruption and business package policies are also examined.
Prerequisites: INSR 101.
INSR-210
Essential Skills for the Insurance Broker and Agent
3 Credits  Weekly (3-0-0)
Students develop an understanding of insurance business practices from the broker’s perspective. This skills-based course concentrates on the needs of personal lines clients and small commercial risks. Students examine the role of an agent or of a broker as an insurance intermediary. The progress of a risk from initial contact with the client through the evaluation and application process, to binding and policy documents is traced. Major product lines and common policy transactions that a broker or agent handles on a daily basis are examined.

INSR-211
Essentials of Loss Adjusting
3 Credits  Weekly (3-0-0)
Students develop an understanding of insurance and professional conduct within the claims domain. Students examine soft skills and technical skills required to handle insurance claims. Through a step-by-step process, students move from understanding to application, analysis, synthesis and evaluation of hypothetical claims scenarios in order to determine: a) if coverage exists, and b) how much of the claim is payable. The types of claims include automobile, property and liability.

INSR-212
Underwriting Essentials
3 Credits  Weekly (3-0-0)
The underwriter’s role as an investor of shareholder capital on behalf of the insurer is explored. Students examine the role of the underwriter in accepting or rejecting risk for the insurer within parameters both set by the insurer and imposed by the external environment. Consideration is given to the many types of detailed knowledge, the “hard” and “soft” skills, and the temperament of an underwriter needed to perform effectively and efficiently. These characteristics are applied in the analysis of individual property, liability, and automobile risks.

INSR-300
Insurance and Risk Management
3 Credits  Weekly (3-0-0)
This course provides the theory and application of risk management and insurance a manager needs to ensure that an organization minimizes its exposure to loss while meeting its objectives. Key topics include risk identification and evaluation, and selection and implementation of risk management techniques. Other topics include insurance as a risk financing tool to pay for losses that do occur, insurance policy provisions, loss exposures and insurance for property, liability, life, health and income, and government regulations concerning risk management and insurance.

INTB-200
Asia Pacific Practicum
3 Credits  Total (10-0-255)
Students work in the Asia-Pacific region or in Canada with an organization that is active in the Asia-Pacific region. This practicum provides students with first hand exposure to international business practices and lifestyles. Under special circumstances, students may undertake to complete a business project in consultation with the Program. Note: Students are assessed tuition for the practicum. Students can obtain credit in only one of INTB 200 or INTB 250. Prerequisites: Completion of Asia-Pacific Program including INTB 213 Orientation to Asia.

INTB-204
Trade Logistics
1 Credit  Weekly (1-0-0)
Students are introduced to the basics of logistics management in international trade. Students learn the import/export processes and the basics of transportation management. Topics to be covered in this course include the export/import processes, elements of logistics, formation of a logistics plan, transportation management, trade documentation, and product standards and related issues.

INTB-205
Independent Project
1 Credit  Weekly (1-0-0)
Students complete an independent project in a specific area of interest related to their program of study. Suitable topics could include the study of social, cultural or business life in an Asian country but students may propose other topics. Students may also link their study to an appropriate workplace issue. A contract between the student and the instructor outlines the learning outcomes, process and criteria for evaluation.

INTB-206
Managerial Accounting
1 Credit  Weekly (1-0-0)
This course introduces students to the basic concepts of managerial accounting for pricing and business decisions. Students learn the role of cost accounting in the functioning of various forms of businesses, the different classifications of cost concepts and terms, cost/volume/profit relationships, profit planning and techniques of pricing and marketing analysis. Prerequisites: Minimum grade of C- in ACCT 311.

INTB-213
Orientation to Asia
1 Credit  Weekly (1-0-0)
As part of the preparation for their practicum in Asia, students receive pre-departure orientation. Topics covered include: review of destination countries and host organizations, how to deal with local culture, awareness of culture shock and other necessary pre-departure preparations. Prerequisites: Successful completion of the Asia Pacific Management program or consent of the program.

INTB-215
e-Commerce Fundamentals
1 Credit  Weekly (1-0-0)
This course provides students with the fundamental knowledge necessary to operate in the world of electronic commerce. Topics include: The New e-Business Real-time Global Enterprise, Tools of Business to Business e-Commerce, Technology Integration and Business Solutions including e-Business and the International Supply Chain. This course is only open to students registered in the Asia Pacific Management program.
INTB-220 Doing Business in India
1 Credit  Weekly (1-0-0)
Students acquire basic knowledge of the business environment and the management of a business in India and focus on developing a strategy for entering into Indian markets. Students explore various topics including the business environment in India, regulatory requirements, differences and similarities in doing business in India and in Canada and opportunities and challenges in Indian markets.

INTB-250 Doing Business Internationally - Study Tour to Asia-Pacific
3 Credits  Total (20-25-40)
Students examine doing business in Asia Pacific from a cultural context. While abroad, students attend business lectures at universities, tour local businesses, and meet with business leaders and students. Students develop intercultural competencies through attending a mandatory pre-departure orientation and participating in various cultural activities abroad.
Prerequisites: 24 MacEwan University credits or consent of the department chair.

INTB-251 Doing Business Internationally - Study Tour to China
3 Credits  Total (20-25-40)
Students examine doing business in China from a cultural context. While abroad, students attend business lectures at universities, tour local businesses, and meet with business leaders and students. Students develop intercultural competencies through attending a mandatory pre-departure orientation and participating in various cultural activities abroad.
Prerequisites: 24 MacEwan University credits or consent of the department chair.

INTB-252 Doing Business Internationally - Study Tour to India
3 Credits  Total (20-25-40)
Students examine doing business in India from a cultural context. While abroad, students attend business lectures at universities, tour local businesses, and meet with business leaders and students. Students develop intercultural competencies through attending a mandatory pre-departure orientation and participating in various cultural activities abroad.
Prerequisites: 24 MacEwan University credits or consent of the department chair.

INTB-253 Doing Business Internationally - Study Tour to Brazil
3 Credits  Total (20-25-40)
Students examine doing business in Brazil from a cultural context. While abroad, students attend business lectures at universities, tour local businesses, and meet with business leaders and students. Students develop intercultural competencies through attending a mandatory pre-departure orientation and participating in various cultural activities abroad.
Prerequisites: 24 MacEwan University credits or consent of the department chair.

INTB-254 Doing Business Internationally - Study Tour to Europe
3 Credits  Total (20-25-40)
Students examine doing business in Europe from a cultural context. While abroad, students attend business lectures at universities, tour local businesses, and meet with business leaders and students. Students develop intercultural competencies through attending a mandatory pre-departure orientation and participating in various cultural activities abroad.
Prerequisites: 24 MacEwan University credits or consent of the department chair.

INTB-255 Doing Business Internationally – Study Tour
3 Credits  Total (100-0-0)
Students examine doing business abroad from a cultural context. While abroad, students attend business lectures at universities, tour local companies, meet with business leaders and students, and generally envelop themselves within the culture of the host countries. Students develop intercultural competencies through these experiences, and by attending a mandatory pre-departure orientation at MacEwan University before traveling abroad.
Prerequisites: 24 MacEwan University or Transfer Credits

INTB-300 Introduction to International Business
3 Credits  Weekly (3-0-0)
Students are provided an overview of theory, concepts and issues, related to the field of international business based on the premise that decision making in every company is influenced by a variety of global factors. Topics to be surveyed in this course include: globalization and the globalization debate, political and legal systems around the world, economic systems around the world and emerging markets, components of culture and cross cultural business, ethics in international business, theories of international trade and investment, theories of regionalization, foreign direct investment, international financial markets and foreign exchange, and international strategy, marketing and human resource management.
Prerequisites: ECON 102 and BUSN 201.

INTB-310 Global Business and Sustainability
3 Credits  Weekly (3-0-0)
Students examine the increasingly important issue of sustainability of global business operations. Students discuss complex and controversial issues from both a broad macro national/international viewpoint, as well as from the perspective of the management of an individual firm. Students analyze international business decision making with consideration of environmental, ethical, and social factors.
Prerequisites: ECON 102 and INTB 300.
INTB-311 Diversity and Intercultural Communication
3 Credits Weekly (3-0-0)
Students study the theoretical and conceptual applications of diversity and cross-cultural communications from an interdisciplinary perspective. The dynamics of diversity in the workplace, cross-cultural communications and the different models used to look at these issues are analyzed. Students assess and analyze situations, case studies, and research and develop tools to lead, navigate and work in diverse and cross-cultural business settings both locally and internationally.
Prerequisites: ORGA 201.

INTB-312 Conducting Business in Asia
3 Credits Weekly (3-0-0)
Students study the profiles of the Asia Pacific countries (China, Japan, Korea, Taiwan, Hong Kong and SE Asian countries) and their political, economic and cultural relations with Canada. The business dynamics and trends of Asia Pacific are discussed in detail. Through case studies and group projects, students analyze business practice and acquire the skills to conduct business in Asia.
Prerequisites: INTB 300 or consent of the program.

INTB-313 Business in Regional World Markets
3 Credits Weekly (3-0-0)
This course takes a "geographic economy" approach to the study of international business theory and practice. Participants analyze blocks of countries that are clustered along diverse dimensions such as geography, economy, politics, and culture. While comparing and contrasting trends across regions, students mobilize the theories learnt previously, learn new ones, and develop critical thinking skills.
Prerequisites: INTB 300 or consent of the program.

INTB-410 Intercultural Field Studies
3 Credits Total (0-0-220)
Students gain first hand exposure to international business practices and lifestyles by living and working in an international region. Students integrate their knowledge and reflect on their development of international business, culture and language. Students research cultural and business practice differences and report their analysis. Prior to departure or work placement, students participate in a preparation and orientation seminar. Enrollment in this course is restricted to students in the School of Business, and students are required to research and develop their international work placement in a proposal and complete an application.
Prerequisites: INTB 311.

INTB-412 Managing in an International Environment
3 Credits Weekly (3-0-0)
In this course, students integrate and apply a range of multifunctional business concepts from marketing, finance, and general management fields to evaluate strategic decisions undertaken by organizations operating in international settings. Students analyze the current situation of international firms and develop potential strategic alternatives for the organization. A combination of theory and case analysis provide students with the theoretical and applied understanding of how global businesses develop and attain their objectives.
Prerequisites: INTB 300 and INTB 311.

INTB-413 International Entrepreneurship
3 Credits Weekly (3-0-0)
This course addresses issues specific to international venturing and including search and identification of opportunities in foreign markets, logistics of international business expansion, cross-cultural business communication, international sourcing, international deal making and networking.
Prerequisites: INTB 300 and MARK 301.

INTB-414 International Trade Simulation
3 Credits Total (22-23-0)
Students participate in an online interactive simulation course of international trade. Students in Mainland China, Taiwan, Canada and USA simultaneously participate in the simulated trade transactions with one another. Using a web-based software platform students play the role of simulated trading companies in their respective areas who are seeking to trade goods between Greater China (China including Hong Kong, Taiwan and Macau) region and Canada. For the purposes of this course, Canadian companies will be trading only with China and Taiwan, not with US.
Prerequisites: INTB 300 and ACCT 311.

INTB-497 Special Topics in International Business
3 Credits Weekly (0-0-3)
This course involves reading, discussing and critically evaluating current research on specialized topics of interest to senior students in the Bachelor of Commerce. Topics covered vary with the interests of students and faculty and may include an applied field research component in business, government or community. Students should consult with faculty members in the Department of International Business, Marketing, and Strategy for details regarding current offerings. This course can be taken twice for credit.
Prerequisites: Minimum of C- in one 300 level INTB course and consent of the department chair or designate.

INTB-498 Independent Studies in International Business
3 Credits Weekly (0-0-3)
In consultation with, and supervised by, a member of the department or an approved professional in the community, a senior student undertakes advanced scholarly work related to the field of international business. The faculty member guides the student in designing and undertaking this work, using appropriate assumptions and methods, to arrive at warranted conclusions and outcomes that will advance international business knowledge or practice or create meaningful results. Note: This course can be taken twice for credit.
Prerequisites: Consent of the course instructor and the department chair.
INTB-499
Honours Thesis - International Business
3 Credits  Weekly (3-0-0)
Under the direction of a faculty member, students conduct a research project on an approved topic related to their major culminating in an honours thesis. Students then present and defend their thesis in a public forum. Restricted to Bachelor of Commerce Honours students.
Prerequisites: BUSN 496.

INTD-105
Interpersonal Skills Development
3 Credits  Weekly (3-0-0)
This course provides students with the awareness, knowledge and skills to communicate effectively with individuals and groups from diverse backgrounds and cultures. As a basis for forming healthy and satisfying relationships, students engage in activities to increase their self-awareness and their understanding of non-verbal communication. They practice listening and sending skills, then apply these skills in helping relationships, and to resolve conflict. To equip students to live and work in a diverse environment, particular attention is given to the impact of culture in communication and relationships.

INTD-130
Cross Media Studies
3 Credits  Weekly (3-0-0)
This course examines how literary themes and techniques are adapted into various genres and media. The works studied depend in any given year upon the interests and expertise of the instructor. The course may focus on a specific genre and then examine cross media works from within that genre, for example, film and prose in science fiction, or cinematic adaptations of the theatrical works of Shakespeare. Alternatively, the course could focus on a single medium that incorporates aesthetic elements from other media, such as graphic novels or hypertext fiction.

JAPN-101
Introductory Japanese I
3 Credits  Weekly (5-0-0)
This is an introductory course for students with little or no background in Japanese or whose native language is not Japanese. The four language skills of oral/aural comprehension, speaking, as well as basic reading and writing are emphasized. In addition, students are acquainted with some aspects of Japanese culture. Note: Students with native or near-native proficiency in Japanese cannot take this course. Heritage speakers must consult the department prior to registration. Prerequisites: Minimum grade of C- in JAPN 102.

JAPN-102
Introductory Japanese II
3 Credits  Weekly (5-0-0)
This course is a continuation of JAPN 101. Students continue to acquire further oral/aural comprehension skills in introductory Japanese, and continue to develop reading and writing skills of approximately 70 Kanji. In addition, students develop their understanding of various aspects of Japanese culture. Note: Students with native or near-native proficiency in Japanese cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. Students with credit in Japanese 30, 35 or equivalent cannot receive credit for this course.

JAPN-201
Introductory Japanese III
3 Credits  Weekly (5-0-0)
This course is designed for students who wish to develop further their oral/aural comprehension skills at the intermediate level of Japanese, as well as continue to develop reading and writing skills of approximately 90 Kanji. In addition, students continue to improve their understanding of various aspects of Japanese culture. Note: Students with native proficiency in Japanese cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. Students with credit in Japanese 30 should consult the department.
Prerequisites: Minimum grade of C- in JAPN 102.

JAPN-202
Introductory Japanese IV
3 Credits  Weekly (5-0-0)
This course is a continuation of JAPN 201. Students continue to gain fluency in oral/aural comprehension at the intermediate level of Japanese, and continue to develop reading and writing skills of approximately 90 new Kanji. In addition, students continue to improve their understanding of various aspects of Japanese culture.
Note: Students with native proficiency in Japanese cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. Students with credit in Japanese 30 should consult the department.
Prerequisites: Minimum grade of C- in JAPN 201.

LATN-101
Introductory Latin I
3 Credits  Weekly (3-1-0)
This is an introductory course for students with little or no background in Latin. It includes the study of the fundamental grammatical structures, vocabulary, and morphology of Classical Latin so that students may read and understand simple Latin texts. In-class instruction is supplemented by a laboratory component in which students complete additional written practice and exercises.
Note: This course is not open to students with credit in Latin 30, 35, or any other matriculation level Latin course.
COURSE DESCRIPTIONS

LATN-102 Introductory Latin II
3 Credits Weekly (3-1-0)
This course is a continuation of Introductory Latin I. Students continue their study of the elements of Classical Latin grammar and syntax, vocabulary, and morphology as they read increasingly difficult Classical Latin texts. In-class instruction is supplemented by a laboratory component in which students complete additional written practice and exercises.
Prerequisites: Minimum grade of C- in LATN 101.

LATN-201 Latin Prose Composition
3 Credits Weekly (3-1-0)
In this course students continue their study of Classical Latin. Students complete their acquisition of Latin grammar and syntax, acquire additional vocabulary through detailed instruction in composition and translation into Latin. Students also continue to develop their skills in reading passages of introductory to intermediate level Latin. In-class instruction is supplemented by a laboratory component in which students complete additional written practice and exercises.
Prerequisites: A minimum grade of C- in LATN 102

LATN-301 Intermediate Latin I
3 Credits Weekly (3-0-0)
This course strengthens students’ reading and writing skills in Latin. The course focuses on the reading of adapted Latin passages, with some reading of original intermediate Latin texts. Students apply their knowledge of complex syntactical, grammatical, and morphological structures to read, understand, and translate adapted and original intermediate Latin.
Prerequisites: Minimum grade of C- in LATN 102.

LATN-302 Intermediate Latin II
3 Credits Weekly (3-0-0)
In this sequel to LATN 301, students continue to strengthen their reading skills at the intermediate level in Latin. The course focuses on a specific genre of Latin literature (e.g., letter writing), or on one or two Latin authors (e.g., Tacitus, Virgil) whose works are read, translated and interpreted. The genre or author are determined by the instructor. Students learn additional vocabulary and continue their study of complex syntactical and grammatical structures through their reading of complex original Latin texts, but they also analyze the readings as literary or historical texts.
Prerequisites: Minimum grade of C- in LATN 301.

LATN-398 Independent Study
3 Credits Total (0-0-45)
This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

LATN-401 Directed Readings in Advanced Latin
3 Credits Total (0-0-45)
This individual study course permits a senior-level Latin student to read and analyze an author or theme in Latin literature under the guidance of an instructor through directed reading of selected texts, as well as relevant secondary scholarship.
Prerequisites: Minimum grade of C- in LATN 302 and consent of the department.

LATN-498 Advanced Independent Study
3 Credits Total (0-0-45)
This course permits a senior-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

LEGL-100 Introduction to Law I
3 Credits Weekly (3-0-0)
Students are given an overview of the areas of substantive law that are of special interest to the office assistant student. Topics included are the judicial system and the constitution, contracts, tort law, criminal law, and civil law procedures.

LEGL-104 Introduction to Law II
3 Credits Weekly (4-0-0)
Students continue the overview of substantive law provided in Introduction to Law I. The student is introduced to the law governing wills and inheritance, family law, personal property and real property. Students are introduced to the civil litigation process from the opening of a file through to drafting documents and procedure to trial. Students are introduced to the rules and procedures governing this area of law and learn how to draft pleadings and documents typically used in a litigation practice.

LEGL-110 Introduction to Legal Research
3 Credits Weekly (3-0-0)
Students are introduced to the fundamental elements of legal research including a study of primary and secondary research materials. This course focuses on the legal research tasks commonly undertaken in a legal working environment, including researching and citing case law, statutes and regulations.
LEGL-130 Corporate Procedures  
3 Credits  
Weekly (3-0-0)  
Students learn the procedural and substantive law governing Alberta proprietorships, partnerships and corporations, and federal corporations, as well as the processes to create and maintain the registrations of such organizations.

LEGL-140 Introduction to the Law Office  
3 Credits  
Weekly (3-0-0)  
Students examine the organization and operation of the law office. Topics covered include law office systems and billing, avoidance of unauthorized practice of law, ethics, dealing with the client, and time management. The Legal Profession Act and Rules of the Law Society of Alberta are reviewed.

LEGL-150 Residential Real Estate Transactions  
3 Credits  
Weekly (4-0-0)  
Students learn how to assist a lawyer on a residential real estate transaction from opening to closing of the file. They master the basic principles of Alberta real estate law and the Alberta Land Titles system as these relate to the buying, financing and selling of residential properties. Students examine the Alberta Real Estate Association’s approved Real Estate Purchase Contract and learn what searches are required, how to apply the results, prepare a Statement of Adjustments and other necessary documents on a mock file. Finally, they distinguish between and complete both traditional closings and Western Law Societies’ Protocol closings.

LEGL-160 Civil Litigation Procedures I  
3 Credits  
Weekly (2-2-0)  
Students are introduced to the steps taken on a civil litigation file. From opening the file, to preparing for trial and obtaining judgment, students work on mock files, drafting legal documents and tracking deadlines.

LEGL-170 Technology in the Law Office I  
3 Credits  
Weekly (3-0-0)  
Students continue to work with word processing software used in legal offices in preparing documents relating to a law firm using advanced functions. Students achieve an intermediate level of competence which includes the ability to manage desktop and electronic files, incorporate tables and columns in documents, and produce brochures. Students are introduced to other software commonly used in law firms.  
Prerequisites: OADM 103.

LEGL-180 Financial Procedures for the Law Office  
3 Credits  
Weekly (3-0-0)  
Students study law office administration, with a focus on the procedures and concepts used in law office accounting/trust accounting.

LEGL-210 Business Law I  
3 Credits  
Weekly (3-0-0)  
Students are introduced to the Canadian legal system and substantive areas of law that are of special interest to the business student. Topics of study include tort, contract, business ethics, agency, partnership and corporations. The student acquires a general knowledge of some of the basic principles of business law and is able to apply them to everyday business situations.  
Note: Students can obtain credit in only one of LEGL 105 and LEGL 210.

LEGL-211 Legal Research and Analysis  
3 Credits  
Weekly (3-0-0)  
Students are introduced to the fundamental elements of legal research including analysis of primary and secondary research materials. This course focuses on legal research tasks and analysis, including researching and citing case law, statutes, regulations and legal treatises and monographs.

LEGL-212 Employment Law  
3 Credits  
Weekly (3-0-0)  
Students examine the principles of employment law and its effects on human resources policies and procedures. Students apply contract principles to the employment relationship from both employer and employee perspectives to achieve equitable employment relations. Legislation examined includes labour standards, human rights and privacy. This course does not discuss unionized workplaces.

LEGL-215 Commercial Transactions  
3 Credits  
Weekly (3-0-0)  
Students will apply legal principles to documentation for common business transactions such as confidentiality agreements, partnership agreements, unanimous shareholder agreements, various methods of commercial finance agreements, including secured transactions and equity financing. They will also master the principles and rules concerning the purchase and sale of commercial land and personal property, the purchase of a business enterprise through either purchase of shares of a corporation or by the purchase of assets of a business. They also master the rules of Alberta’s Personal Property Registry system and learn how to interpret public registry search results.

LEGL-220 Criminal Law Procedures  
3 Credits  
Weekly (3-0-0)  
Students are introduced to substantive law as well as the procedures for criminal law in Canada. Topics include search and seizure powers, arrest, disclosure of information held by the Crown Prosecutor and trial processes.

LEGL-221 Criminal Law  
3 Credits  
Weekly (3-0-0)  
Students are introduced to substantive law as well as the procedures for criminal law in Canada. Topics include definitions of offences, related defences, effect of the Charter of Rights on the administration of criminal law, search and seizure powers, arrest, disclosure of information held by the Crown Prosecutor and trial processes.
LEGL-230  
Civil Litigation Procedures II  
3 Credits  Weekly (3-0-0)  
Students review selected topics in the litigation process such as personal injury actions, settlement, experts, and civil appeals. Students begin with a discussion of automobile litigation and car insurance. Students explore alternatives to the litigation process. The emphasis is on document production in conformity with the Rules and Practice Directives.  
Prerequisites: LEGL 160.

LEGL-231  
Corporate Procedures  
3 Credits  Weekly (3-0-0)  
Students learn the procedural and substantive law governing Alberta proprietorships, partnerships and corporations, and federal corporations, as well as the processes to create, maintain, amend and terminate the registrations of such organizations.

LEGL-235  
Civil Litigation and Dispute Resolution  
3 Credits  Weekly (3-0-0)  
Students explore contemporary developments in law and the practice of civil litigation and dispute resolution alternatives. Subject matter will include litigation steps and processes such as commencement and pleadings, applications, discovery, trial preparation and judgment procedures under the Rules of Court, Court of Queen’s Bench Act and Provincial Court Act. Students will examine selected topics in the litigation process such as personal injury actions, settlement, experts, and civil appeals and will explore alternatives to litigation including alternative dispute resolution methods such as judicial dispute resolution, mediation and arbitration.

LEGL-240  
Technology in the Law Office II  
3 Credits  Weekly (4-0-0)  
Students increase proficiency with word processing software commonly used in legal settings and with machine transcription. Students develop proficiency in using other commonly used software including database and spreadsheet programs.  
Prerequisites: LEGL 170.

LEGL-250  
Real Estate Transactions  
3 Credits  Weekly (3-0-0)  
Students learn the basics of real property law, and in particular how those principles apply to the purchase and sale of real estate. The Alberta Land Titles system is explored in detail. The standard form Real Estate purchase contract is analyzed. The methodology involved in concluding a Real Estate transaction is also covered.

LEGL-260  
Credit and Collection Procedures  
3 Credits  Weekly (3-0-0)  
Students learn practical aspects of creditors’ rights, including relevant statute law. The emphasis is on provincial legislation and procedural rules relating to the bringing of a simple debt action and the various means of enforcing a judgment. Realizing on various security interests is also reviewed.  
Prerequisites: LEGL 160 and LEGL 215.

LEGL-261  
Creditor and Debtor Law  
3 Credits  Weekly (3-0-0)  
Students learn significant aspects of creditors’ and debtors’ rights, including relevant statute and case law. The emphasis is on provincial legislation and case law relating to the bringing of debt collection processes and the various means of enforcing a judgment. The enforcement of various security interests and other creditor remedies such as landlords’ rights of distress are also reviewed.

LEGL-270  
Estate Procedures  
3 Credits  Weekly (3-0-0)  
Students learn which assets form part of the estate of a deceased and which do not. They explore the intricacies of the law governing people who die without a will. They learn about Alberta’s laws governing substitute decision-making and the relevant documents available. They learn basics of the law of wills and how to take instructions for and prepare a will for signature. Finally, they learn the law and procedures for two key court applications: application for probate and application for a dependent adult order, and they prepare those documents.

LEGL-271  
Estate Law  
3 Credits  Weekly (3-0-0)  
Students learn general legal principles surrounding the disposition of property. They explore the law governing the drafting of wills, estates disposition, and substitute decision making (powers of attorney, personal directives and dependent adults). A brief introduction to the law of trusts is also included.

LEGL-280  
Family Law Procedures  
3 Credits  Weekly (4-0-0)  
Students learn the substantive and procedural law relating to family law matters, including divorce actions, family law chambers applications and desk divorce applications. Students complete a mock file, with emphasis on document production in conformity with the Rules and Practice Directives.

LEGL-281  
Family Law  
3 Credits  Weekly (3-0-0)  
Students learn the substantive and procedural law relating to family law matters, including divorce actions, family law chambers applications and desk divorce applications. Students complete a research project on either a procedural or substantive family law topic. The procedural topic will emphasize document production, in conformity, with the Rules and Practice Directives.

LEGL-290  
Law Office Simulation  
3 Credits  Weekly (4-0-0)  
Students prepare mock files independently in various areas of law in a simulated office setting. Students are expected to prioritize and organize workloads while demonstrating the professionalism required of staff in a legal office.
LEGL-292
Paralegal Studies
3 Credits Total (45-0-120)
Students examine the role of the paralegal professional in Alberta, including the paralegal’s role in law firms and other legal environments. Students will learn how the profession is governed by ethical rules and the Code of Conduct. Students will examine the organization and operation of the law office, learn techniques for practice management and develop skills for managing the client relationship. This course includes a 3 week practicum in which students will observe and work as a student intern.
Prerequisites: Minimum 21 credits of completed LEGL course work.

LEGL-295
Legal Fieldwork
3 Credits Total (0-0-180)
Students gain practical experience over a 5-week period by observing the work and responsibilities of personnel working in a law office. Students participate in the operation of a law office, working as student interns under the supervision of law office personnel.
Prerequisites: LEGL 110, 140, 180, 210, 220, 230, 240 or consent of the program.

LEGL-308
Administrative Law and the Regulatory Environment
3 Credits Weekly (3-0-0)
Students are introduced to the law that determines how the powers of government and regulatory authorities affect citizens, companies and organizations. Students will gain insight into the governance of modern society through statutory regulations, tribunals and agencies created by government and supervised by the courts.

The law is discussed in terms of principles applicable to the boards’ hearings and what principles of review and appeal are possible to the Courts. The relationship between the citizen and government is explored by examining specific commissions and authorities established by government.

LEGL-310
International Business Transactions
3 Credits Weekly (3-0-0)
Students are introduced to the principles of international law with an emphasis on international business transactions such as importing, exporting, (direct and indirect), and export transaction costs and electronic commerce. In addition, students apply principles of ethics to international commerce. Students discuss and evaluate international commodity, capital, and knowledge markets and the global and transnational forces that are shaping the management of enterprises and organizations. The fluidity of international financial and information capital markets and the ease of transfer of both through modern communication media form the background for the study of international business and legal environments.

LEGL-312
Legal Issues in the Workplace
3 Credits Weekly (3-0-0)
Students apply the principles of employment law with an emphasis on analysis of legal risks and liabilities. The course surveys important legal issues that arise between employers and non-unionized employees. The course applies contract principles to the employment relationship from both employer and employee perspectives to achieve equitable employment relations. This course does not discuss unionized workplaces.

LEGL-315
Business Law II
3 Credits Weekly (3-0-0)
Students examine selected business law topics including the Sale of Goods Act and consumer protection legislation, priority of creditors and enforcement of secured and unsecured debt obligations, the law of personal and real property including enforcement of mortgages along with bailment of personal property and landlord and tenant relationships. The course concludes with an introduction to the various forms of intellectual property including copyright, patents, trade-marks, and industrial designs. In addition, the student learns about common law protection of confidential information and trade secrets along with protecting intellectual property in the online environment.
Prerequisites: LEGL 210.

LEGL-320
Law of Business Organizations
3 Credits Weekly (3-0-0)
Students are introduced to the three principal forms of business organization (proprietorships, partnerships, corporations) including variations of these forms such as limited partnerships, limited liability partnerships, professional corporations as well as distributing and non-distributing corporations. Students evaluate the advantages and costs of all three forms pertinent to business persons in Alberta and Canada. Topics include liability and duties of directors and officers of corporations and shareholders’ rights and remedies. Students are introduced to the process of forming a simple non-distributing corporation in Alberta. Students need not have taken any previous Business Law course to benefit from this course.

LENP-312
Intro to Non-Profit Management
3 Credits Weekly (3-0-0)
Students study contemporary management and leadership in non-profit/voluntary sector organizations. Students discuss the local and global impact of non-profit/voluntary sector organizations on the quality of life and economy of communities. Internal and external influences on management and leadership are considered. Topics include the unique purpose of non-profit organizations, legal and ethical considerations, board governance, volunteer involvement, and fund development.
Prerequisites: ORGA 201.

LING-100
Introduction to Human Language
3 Credits Weekly (3-0-0)
This course is an introduction to how human language works: how it is structured, learned, used, studied, and how it changes through time. Examples from English and other languages around the world are discussed. Note: LING 100 makes a nice complement to LING 101, but neither course is a prerequisite or a co-requisite for the other. This course does not fulfill the analytical component of the Arts degree.
LING-101 Introduction to Linguistic Analysis
3 Credits
Weekly (3-0-0)
Linguistics is best known as the "scientific study of language." This course introduces both language as a general phenomenon and the methodology of modern descriptive linguistics. The course of study covers the fundamental topics of phonetics, phonology, morphology, syntax, and semantics. Note: This Arts course can be used to satisfy the general science requirement of the Bachelor of Science.

LING-204 Syntax of English
3 Credits
Weekly (3-0-0)
This course covers linguistic analysis of the syntax of modern English, including discussion of both the regularities and irregularities at the word, phrase, clause, and sentence level of structure. Prerequisites: Minimum grade of C- in LING 101.

MARK-301 Fundamentals of Marketing
3 Credits
Weekly (3-0-0)
Students are introduced to important concepts in marketing theory and their applications to real-life business activities. Students examine various marketing strategies and how they apply within the context of business environments. Students also examine consumer behaviour and the marketer's ethical and social responsibilities. Note: Restricted to Bachelor of Commerce, Asia Pacific Management, and Business Studies Minor students. Prerequisites: BUSN 201 and ECON 101.

MARK-310 Consumer Behaviour
3 Credits
Weekly (3-0-0)
Students apply theory of the consumer decision-making process and develop a marketing plan that is based upon consumer behaviour concepts. Students will explore the facets of consumer behaviour as they relate to corporate social responsibility. Topics include: the consumer decision-making process, individual determinants of consumer behaviour, environmental influences of consumer behaviour and the marketer's influence on consumers. Prerequisites: MARK 301.

MARK-312 Marketing Research
3 Credits
Weekly (3-0-0)
Students examine marketing research concepts and methods in business. Students formulate and structure marketing problems, recommend the marketing research design that should be undertaken, gather and analyze qualitative and quantitative marketing data, and make effective decisions based on those data. Students will be able to design and conduct some important analyses themselves. The skills covered in this course are applicable to marketing problems encountered in both consumer and business-to-business markets, and public and private sectors. Students are expected to have basic familiarity with statistical packages. Prerequisites: BUSN 201, MARK 301 and MGET 103.

MARK-314 Marketing Metrics
3 Credits
Weekly (3-0-0)
Students examine the critical role of analysis in marketing decision-making and learn how to use and interpret marketing metrics in the development, implementation and evaluation of the marketing strategy. Students enhance their analytical capabilities through applying marketing metrics. The course emphasizes practical analysis, using numbers to make better marketing decisions. Prerequisites: MARK 301 and FNCE 301.

MARK-403 International Marketing
3 Credits
Weekly (3-0-0)
Students broaden their marketing knowledge by building upon knowledge and issues associated with the international context of the marketing of products and services. Topics include: differences between domestic and international marketing; cultural, political and legal aspects of marketing internationally; market entry strategy, promotional, pricing and product strategies; international marketing management; and elements of international market research. Students design and prepare an international marketing plan. Prerequisites: MARK 301.

MARK-412 Service Marketing
3 Credits
Weekly (3-0-0)
Students examine the marketing of services in private, public, and non-profit organizations. Students apply service marketing theory to a variety of service-based organizations. Topics include customer relationship management, customer satisfaction, service quality, employees' and customers' role in service delivery, and the services marketing mix factors. Prerequisites: MARK 301.

MARK-414 Electronic Marketing
3 Credits
Weekly (3-0-0)
Students apply the principles of marketing to the electronic marketplace. Through the study of the theory and best practices in electronic marketing, students learn to design, assess and implement e-marketing strategies and solutions for business working in a global environment. Prerequisites: MARK 301.

MARK-416 Business to Business Marketing
3 Credits
Weekly (3-0-0)
Students learn major concepts related to business-to-business (B2B) marketing and purchasing with a special focus on business relationships and networks. Students explore similarities and differences between marketing to consumers and marketing to businesses. The course focuses on contemporary trends in organizational marketing theory and practice and the implications of the electronic and global arena for organizational markets. Prerequisites: MARK 301.

MARK-418 Personal Selling and Sales Management
3 Credits
Weekly (3-0-0)
Students examine the role of sales in contemporary business organizations with a focus on the formulation, implementation, and evaluation of a strategic sales program. Specific topics include the process of personal selling, the strategic nature of sales management, selecting and recruiting a sales force, and designing a sales force organization. Additional topics include developing account management policies of salesperson performance, and ethical and legal issues in sales management. The course includes a mix of conceptual and applied approaches to provide a balanced view of sales management. Prerequisites: MARK 301.
MARK-420
Product Management
3 Credits  Weekly (3-0-0)
Students examine the development and management of new products in contemporary organizations. Students learn to use market research data and marketing models for a new product development and management. Topics include opportunity identification and selection of a product, generation of a product concept, concept evaluation, development of new product market testing and launching of a product.
Prerequisites: MARK 301.

MARK-422
Sustainability and Responsible Marketing
3 Credits  Weekly (3-0-0)
Sustainability issues have become a major issue for businesses both in terms of the engagement with and communication of it. This course will examine how the marketing function engages in sustainability issues. Examples found in the non-profit, for-profit and public sectors will be explored. Guest speakers, class discussions and a real-world group project will help students build knowledge and develop capacity to be a positive social change agent through ethical reasoning in marketing management.

MARK-440
Strategic Marketing - Research to Practice
3 Credits  Weekly (3-0-0)
Students learn how to integrate and manage market information in complex and dynamic environments. Taking advantage of the latest marketing research results, students address marketing challenges and develop marketing strategies for evolving conditions. Students work on specific marketing cases to integrate the marketing strategy with the overall organizational strategy.
Prerequisites: MARK 310, MARK 312 and MARK 314.

MARK-497
Special Topics in Marketing
3 Credits  Weekly (0-0-3)
This course involves reading, discussing and critically evaluating current research on specialized topics of interest to senior students in the Bachelor of Commerce. Topics covered vary with the interests of students and faculty and may include an applied field research component in business, government or community. Students should consult with faculty members in the Department of International Business, Marketing, and Strategy for details regarding current offerings. This course can be taken twice for credit.
Prerequisites: Minimum of C- in one 300 level MARK course and consent of the department chair or designate.

MARK-498
Independent Studies in Marketing
3 Credits  Weekly (0-0-3)
In consultation with, and supervised by, a member of the department or an approved professional in the community, a senior student undertakes advanced scholarly work related to the field of marketing. The faculty member guides the student in designing and undertaking this work, using appropriate assumptions and methods, to arrive at warranted conclusions and outcomes that will advance marketing knowledge or practice or create meaningful results.
Note: This course can be taken twice for credit.
Prerequisites: Consent of the course instructor and the department chair.

MARK-499
Honours Thesis - Marketing
3 Credits  Total (0-0-45)
Under the direction of a faculty member, students conduct a research project on an approved topic related to their major culminating in an honours thesis. Students then present and defend their thesis in a public forum. Restricted to Bachelor of Commerce Honours students.
Prerequisites: BUSN 496

MATH-010C
Math 10 Common
5 Credits  Weekly (7.5-0-0)
Mathematics 10 Common is equivalent to Alberta Education’s Math 10C. This course is intended to prepare students for further studies in high school mathematics. Students who successfully complete Math 10 Common can either continue on to Math 20-1 and then Math 30-1 or Math 20-2 and then Math 30-2. Topics studied in Math 10 Common include measurement, right triangle trigonometry, powers, irrational numbers, polynomials and factoring, functions and relations, coordinate geometry, and linear systems of equations. Emphasis is placed on understanding, application, and effective communication of mathematical concepts.
Prerequisites: Completion of Math 9, Math 10 Prep or equivalent.

MATH-010R
Mathematics Preparation 10
5 Credits  Weekly (7.5-0-0)
Math Prep. 10 is designed to meet the needs of Grade 10 students who wish to enroll in Math 10 Common but do not possess the prerequisite skills. Topics include: fractions and integers, rates, ratios, proportions, percents, exponents, linear equations, polynomials, measurement and geometry.
Prerequisites: Grade 9 math or equivalent.

MATH-020-1
Mathematics 20-1
5 Credits  Weekly (7.5-0-0)
Math 20-1 is equivalent to Alberta Education’s Math 20-1 course. Most students who enroll in Math 20-1 intend to continue onto Math 30-1. Some of the topics studied in Math 20-1 include quadratic functions and equations, radical expressions and equations, rational expressions and equations, the absolute value and reciprocal of functions, linear and quadratic inequalities, sequences and series, law of sines and cosines, and angles in standard position. Problem solving and application of concepts are emphasized throughout the course.
Prerequisites: Math 10C or equivalent.
MATH-020-2  
Mathematics 20-2  
5 Credits  
Weekly (7.5-0-0)  
Math 20-2 is equivalent to Alberta Education's Math 20-2 course. Most students who enroll in Math 20-2 intend to continue onto Math 30-2. Some of the topics studied in Math 20-2 include rates and unit rates, scale factors, inductive and deductive reasoning, laws of sines and cosines, radical expressions and equations, quadratic functions and equations, standard deviation, normal distribution, confidence intervals, and margin of error. Problem solving and application of concepts are emphasized throughout the course.  
Prerequisites: Math 10C or equivalent.

MATH-030-1  
Mathematics 030-1  
5 Credits  
Weekly (7.5-0-0)  
Mathematics 030-1(Math 030-1) is equivalent to Alberta Education’s Mathematics 30-1 course. Students who enrol in Math 030-1 will most likely continue onto post-secondary programs that require the study of calculus. Some of the topics studied in Math 030-1 include trigonometric functions, equations, and identities, transformations and inverse of functions, exponential and logarithmic functions and equations, polynomial functions and equations, rational and radical functions, permutations, combinations, and the binomial theorem. Problem solving and application of concepts are emphasized throughout the course.  
Prerequisites: Mathematics 020-1 or equivalent.

MATH-030-2  
Mathematics 030-2  
5 Credits  
Weekly (7.5-0-0)  
Mathematics 030-2 (Math 030-2) is equivalent to Alberta Education’s Mathematics 30-2 course. Students who enroll in Math 030-2 will most likely continue onto post-secondary programs that do not require the study of calculus. Some of the topics studied in Math 030-2 include set theory, fundamental counting principal, permutations and combinations, probability of mutually exclusive and non-mutually exclusive events, probability of dependent and independent events, rational expressions and equations, exponential and logarithmic functions and equations, polynomial and sinusoidal functions. Problem solving, logical reasoning, and application of concepts are emphasized throughout the course.  
Prerequisites: Math 020-2 or equivalent.

MATH-030P  
Pure Mathematics 30  
5 Credits  
Weekly (7.5-0-0)  
Pure Math 30 is equivalent to Alberta Learning’s Pure Math 30. It is designed as a preparation course for university mathematics. The course includes the following topics: trigonometry, conic sections, exponential and logarithmic functions, combinatorics, probability and statistics.  
Prerequisites: MATH 020P or equivalent.

MATH-031  
Math 31  
5 Credits  
Weekly (7.5-0-0)  
Math 31 is equivalent to Alberta Learning’s Math 31. The course focuses on the study of calculus and linear algebra, both as ends in themselves and as tools in developing problem solving skills and analytical thought processes.  
Prerequisites or Co-requisites: Pure Math 30 or equivalent.

MATH-099  
Precalculus Mathematics  
3 Credits  
Weekly (3-0-0)  
This course reviews and extends the mathematical concepts needed to be successful in university level calculus. Topics include graphing, equations of lines, inequalities, review of elementary algebra, functions, and trigonometry.  
Prerequisites: Mathematics 30-1 or Mathematics 30-2.

MATH-100  
Calculus I  
3.5 Credits  
Weekly (3-2-0)  
This course provides an introduction to the fundamentals of calculus. The students learn about rectangular coordinates, analytic geometry, transcendental functions, inverse functions, limits, continuity, derivatives and applications, Taylor polynomials, integration and applications.  
Prerequisites: Mathematics 30-1 and Mathematics 31.

MATH-101  
Calculus II  
3.5 Credits  
Weekly (3-1-0)  
This course provides a continuation of the study of Calculus. Students learn about techniques of integration, arc length, area of a surface of revolution, applications to physics and engineering, first order ordinary differential equations (separable and linear), infinite series, power series, Taylor expansions, polar coordinates, rectangular coordinates in R3, parametric curves in the plane and space (graphing, arc length, curvature), normal, binormal, tangent in R3.  
Note: This course is restricted to Engineering Program students. Credit can only be obtained in one of MATH 101 or MATH 115.  
Prerequisites: Minimum grade of C- in MATH 100.

MATH-102  
Applied Linear Algebra  
3.5 Credits  
Weekly (3-1-0)  
This course provides an introduction to the fundamentals of linear algebra and some of their applications. The course content includes vectors and matrices; solutions of linear equations; equations of lines and planes; determinants; matrix algebra, linear transformations and their matrices; general vector spaces and inner product spaces; orthogonality and Gram-Schmidt process; eigenvalues and eigenvectors; and complex numbers.  
Note: This course is restricted to Engineering students. MATH 100 may be taken as a co-requisite with consent of the department. The course may not be taken for credit if credit has already been obtained in MATH 120 or MATH 125.  
Prerequisites: MATH 100.

MATH-112  
Calculus with Business Applications  
3 Credits  
Weekly (3-0-0)  
This course examines the differentiation and integration of algebraic, exponential and logarithmic functions including applications to business and economics. Topics include: limits; differentiation of algebraic, exponential and logarithmic functions; curve sketching; optimization; introduction to integration; partial differentiation; Lagrange multipliers.  
Note: This course is only open to students in the Bachelor of Commerce program. This course may not be taken for credit if credit has already been obtained in MATH 113 or MATH 114.  
Prerequisites: Mathematics 30-1.
MATH-114
Elementary Calculus I
3 Credits  Weekly (4-0-0)
This course examines the fundamental concept of limits, differentiation and integration. Limits and differentiation of algebraic and trigonometric functions are studied along with applications including related rates, optimizing and curve sketching. This course concludes with a study of Riemann sums, the Fundamental Theorem of Calculus and substitution. Note: Students who have received credit in MATH 113 or MATH 100 may not take MATH 114 for credit. Prerequisites: A minimum grade of 80% in Mathematics 30-1, or successful completion (50% or better) of Mathematics 31, or Minimum grade of C- in MATH 099, or successful completion of the MATH 114 gateway exam.

MATH-115
Elementary Calculus II
3 Credits  Weekly (3-1-0)
This course investigates the differentiation and integration of trigonometric, exponential and logarithmic functions. Indeterminate forms and improper integrals are studied, as well as the techniques and applications of integration. Note: Credit can only be obtained in one of MATH 115 or MATH 101. Prerequisites: Minimum grade of C- in MATH 114.

MATH-120
Basic Linear Algebra I
3 Credits  Weekly (3-0-0)
This is an introduction to the basic notion and methods of linear algebra. Topics covered are: systems of linear equations, vectors in n-space, vector equations of lines and planes, dot product and orthogonality, matrix algebra, invertibility of matrices, determinants, general vector spaces, basis and dimension, subspaces of n-space, rank, introduction to linear transformations, introduction to eigenvalues and eigenvectors, applications. Note: This course covers the same basic topics as MATH 120, however it is a more rigorous course, and selected topics and applications are covered in more depth. This course cannot be taken for credit if credit has already been obtained in either of MATH 102 or MATH 120. Students who are planning to transfer into Engineering or students planning to take further courses in algebra should take MATH 125 rather than MATH 120. Prerequisites: Mathematics 30-1.

MATH-125
Linear Algebra I
3 Credits  Weekly (3-0-0)
This is an enriched introduction to the basic notion and methods of linear algebra. Topics covered are: systems of linear equations, vectors in n-space, vector equations of lines and planes, dot product and orthogonality, matrix algebra, invertibility of matrices, determinants, general vector spaces, basis and dimension, subspaces of n-space, rank, introduction to linear transformations, introduction to eigenvalues and eigenvectors, applications. Note: The course covers the same basic topics as MATH 120, however it is a more rigorous course, and selected topics and applications are covered in more depth. This course cannot be taken for credit if credit has already been obtained in either of MATH 102 or MATH 120. Students who are planning to transfer into Engineering or students planning to take further courses in algebra should take MATH 125 rather than MATH 120. Prerequisites: Mathematics 30-1.

MATH-160
Higher Arithmetic
3 Credits  Weekly (3-0-0)
This course emphasizes the development of clarity in the understanding of mathematical ideas and processes, communication of these ideas to others, and application of these ideas to problem solving. Both inductive and deductive methods are explored in the study of elementary number theory, numeration systems, operations on integers and rational numbers, and elementary probability theory. Note: This course is restricted to Elementary Education students. Prerequisites: Mathematics 30-1 or Mathematics 30-2 or successful completion of the gateway exam.

MATH-170
Mathematics for The Liberal Arts
3 Credits  Weekly (3-0-0)
This course examines various mathematical concepts and problem solving techniques and provides functional mathematical literacy for those majoring in liberal arts programs. Students will learn how to solve a wide variety of problems with different mathematical methods with emphasis on logic and relevance, historical connections as well as the beauty and purpose of mathematics. Note: This course fulfills the analytical component of the Arts degree.

MATH-200
Fundamental Concepts of Math
3 Credits  Weekly (3-0-0)
This course provides an introduction to axiomatic systems and mathematical proof. These ideas are developed using examples taken primarily from set theory and number theory. Prerequisites: Minimum grade of C- in MATH 120 or MATH 125.

MATH-214
Intermediate Calculus I
3 Credits  Weekly (3-1-0)
This course completes the study of single-variable calculus and introduces students to the basic concepts of multi-variable calculus. Topics in single-variable calculus include area and arc length of plane curves defined by parametric or polar equations, infinite series, and power series. Topics in multi-variable calculus include: vector functions and space curves, functions of several variables and partial derivatives with applications. Prerequisites: Minimum grade of C- in MATH 115.

MATH-215
Intermediate Calculus II
3 Credits  Weekly (3-1-0)
This course continues the study of multivariable calculus. Topics include: curves, tangent vectors, arc length; integration in two and three dimensions; polar, cylindrical and spherical coordinates; line and surface integrals, Green’s, divergence and Stokes’ theorems; first and second order linear differential equations. Prerequisites: Minimum grade of C- in MATH 214.
MATH-222
Discrete Mathematics
3 Credits Weekly (3-0-0)
This course is an introduction to discrete mathematics, covering coding, cryptography, induction and recursion, and graph theory. Secret codes, error-detecting and error-correcting codes are introduced. Induction and recursive definitions are described. The Eulerian tour is used to illustrate graph definitions and properties.
Prerequisites: Minimum grade of C- in any 100-level mathematics course.

MATH-225
Linear Algebra II
3 Credits Weekly (3-0-0)
This course introduces the theory of vector spaces, inner product spaces, linear transformations and diagonalization. Specific topics of study include Euclidean n-space, spaces of continuous functions, matrix spaces, Gram-Schmidt process, QR-factorization, least squares method, change of basis, eigenspaces, orthogonal diagonalization, quadratic forms, matrices of transformations and similarity. Various applications are presented.
Prerequisites: Minimum grade of C- in MATH 120 or MATH 125.

MATH-228
Algebra: Introduction to Ring Theory
3 Credits Weekly (3-0-0)
This course is an introduction to the theory of rings including integral domains, division rings, ring homomorphisms, ideals, quotient rings, fields of quotients, rings of polynomials, irreducible polynomials, Euclidean domains and fields. Specific topics include the well-ordering axiom, the Binomial Theorem, the Euclidean algorithm, the Fundamental Theorem of Arithmetic, and the Chinese Remainder Theorem.
Prerequisites: A minimum grade of C- in either MATH 200 or MATH 241 and in either MATH 120 or MATH 125.

MATH-241
Geometry
3 Credits Weekly (3-0-0)
The course explores Euclidean Geometry as an axiomatic system, based on invariance under the group of isometries (rigid motions). The material includes congruence, parallelism, similarity, and the theory of measurements based on continuity axioms. The notion of circumference is introduced and treated rigorously. Problem solving is an important component of the course. The problems include proofs, finding loci, and constructions. Transformations in the Euclidean plane are used as a problem-solving tool. Additional topics include elementary logic, equivalence relations, and proofs by induction.
Prerequisites: Minimum grade of C- in any 100-level mathematics course.

MATH-260
Logic and Reasoning for Teachers
3 Credits Weekly (3-0-0)
This course explores the basic notions and methods of Algebra, and introduces the students to reasoning and problem solving in different areas of mathematics like geometry, elementary graphing, and combinatorics. Note: This course is restricted to Elementary Education students.
Prerequisites: Minimum grade of C- in MATH 160.

MATH-310
Real Analysis
3 Credits Weekly (3-0-0)
In this course a rigorous treatment of limit processes in one variable is presented. Topics include real numbers, sequences, limits, continuous functions, differentiation, the Riemann integral and the topology of the real number system.
Prerequisites: Minimum grade of C- in MATH 214 and in either MATH 200 or MATH 241.

MATH-311
Theory of Functions of a Complex Variable
3 Credits Weekly (3-0-0)
This course provides an introduction to the fundamental concepts of single variable complex analysis. The main topics include analytic functions, complex power series, Cauchy’s Integral Theorem, Cauchy’s Integral Formula, the residue theorem and applications to improper real integrals and Fourier transforms.
Prerequisites: Minimum grade of C- in MATH 215.

MATH-312
Probability Theory
3 Credits Weekly (3-0-0)
This course offers a rigorous approach to probability theory. Topics covered include basic concepts of probability theory, univariate and multivariate probability distributions, discrete and continuous random variables, expectation, moment generating and characteristic functions, different types of convergence and relationships between them, and basic limit theorems.
Note: This course may not be taken for credit if credit has been obtained in STAT 312.
Prerequisites: Minimum grade of C- in MATH 215, STAT 265, and in one of MATH 120 or MATH 125.

MATH-320
Elementary Number Theory
3 Credits Weekly (3-0-0)
Elementary methods in number theory are presented. The following topics are included: divisibility, linear Diophantine equations, prime numbers, the fundamental theorem of arithmetic, congruences, the Chinese remainder theorem, Fermat’s little theorem, arithmetic functions, Euler’s theorem, primitive roots, quadratic residues.
Prerequisites: Minimum grade of C- in MATH 200.

MATH-321
Fields and Modules
3 Credits Weekly (3-0-0)
This course builds on the knowledge of rings and fields obtained in MATH 228, and introduces the student to basic module theory. Topics studied include finite fields, quadratic number fields and algebraic field extensions, the Fundamental Theorem of Algebra, modules, and Noetherian rings.
Prerequisites: Minimum grade of C- in MATH 225 and MATH 228.

MATH-330
Ordinary Differential Equations
3 Credits Weekly (3-2-0)
This course provides techniques for solving ordinary differential equations and systems of first order equations and investigates the qualitative nature of solutions of dynamical systems. Topics covered include first order equations, linear equations of higher order and linear dynamical systems with constant coefficients.
Prerequisites: Minimum grade of C- in MATH 120 or MATH 125 and in MATH 214.
**MATH-335**
*Numerical Methods*

*3 Credits*  
Weekly (3-2-0)

This course presents numerical methods for solving problems in linear algebra, non-linear equations, interpolations, approximation of functions, differentiation and integration. The numerical algorithms are illustrated using an appropriate computer programming language and specific libraries.

*Prerequisites:* Minimum grade of C- in MATH 214 and in one of MATH 120 or MATH 125 or CMPT 101.

**MATH-341**
*Modern Geometries*

*3 Credits*  
Weekly (3-0-0)

This course explores Euclidean and Non-Euclidean plane geometries from the viewpoint of Klein’s Erlangen program, based on invariance under groups of transformations in the extended complex plane. Mobius geometry is introduced, and Euclidean, hyperbolic, and elliptic geometries are studied as its subgeometries. The differences in axiomatics and results of the Euclidean and Lobachevsky – Bolyai geometries are discussed based on the disc model of hyperbolic geometry. Elliptic geometry is considered as another Mobius subgeometry.

*Prerequisites:* Minimum grade of C- in MATH 241, and in either MATH 120 or MATH 125.

**MATH-350**
*Introduction to Graph Theory*

*3 Credits*  
Weekly (3-0-0)

This course discusses graphs and digraphs, paths and cycles, trees, planarity, colouring problems and matching problems. In addition, graph algorithms and some applications to other disciplines are studied.

*Prerequisites:* Minimum grade of C- in either MATH 120 or MATH 125, and a minimum grade of C- in either MATH 200 or MATH 222.

**MATH-361**
*History of Mathematics*

*3 Credits*  
Weekly (3-0-0)

The course is a survey of the history of mathematics from ancient times through the development of calculus and the origins of modern algebra in the nineteenth century. It emphasizes the events that led to the development of modern and classic mathematics from a problem solving perspective. Biographies of famous mathematicians complement the abstract concepts of mathematics.

*Prerequisites:* Minimum grade of C- in any two 200-level mathematics courses.

**MATH-410**
*Analysis and Topology*

*3 Credits*  
Weekly (3-0-0)

This course continues the study of analysis begun in MATH 310 and examines topology in metric spaces, function spaces, and calculus in R^n. Specific topics covered will include: connectedness and compactness; uniform continuity, equicontinuity; Arzela-Ascoli and Stone-Weierstrauss theorems; differentiation and integration in R^n, implicit and inverse functions theorems, differential forms and the generalized Stokes' theorem.

*Prerequisites:* Minimum grade of C- in MATH 225 and MATH 310.

**MATH-420**
*Groups and Galois Theory*

*3 Credits*  
Weekly (3-0-0)

This course is a treatment of symmetry, beginning with groups, then developing the ideas of Galois theory, and finishing with the quintic equation. Topics include groups, normal subgroups, quotient groups, Cayley’s Theorem, the Class equation, permutations, group actions, the Sylow theorems, splitting fields, Galois extensions, the Main Theorem of Galois theory, Kummer extensions, cubic, quartic and quintic equations.

*Prerequisites:* Minimum grade of C- in MATH 321.

**MATH-430**
*Applied Dynamical Systems*

*3 Credits*  
Weekly (3-0-0)

The course discusses dynamical systems, both continuous and discrete. Linear, planar and higher-dimensional systems are considered. An introduction to nonlinear systems and bifurcation theory is presented. Periodic solutions, chaotic attractors, basic notions of discrete dynamical systems, and deterministic chaos are discussed. Applications in biology and other areas, classical and modern applications in biology and other areas are covered.

*Prerequisites:* Minimum grade of C- in MATH 215, MATH 225 and MATH 330.

**MATH-436**
*Introduction to Partial Differential Equations*

*3 Credits*  
Weekly (3-2-0)

The goal of this course is to introduce the student to the mathematical modeling of classical physical systems such as vibrating systems, diffusive processes and steady state phenomena. The course starts with a rigorous introduction of the first-order and linear second-order partial differential equations (PDEs) followed by elements of Fourier analysis. The method of characteristics is used to find and interpret classes of solutions for the above models. The lab component will familiarize the student with formal and numerical manipulations of PDE’s. The main scope of the lab is to enable the student to visualize and discuss solutions for classical models for PDE’s.

*Prerequisites:* Minimum grade of C- in MATH 310 and MATH 330.

**MATH-495**
*Special Topics in Mathematics*

*3 Credits*  
Weekly (3-0-0)

In this course students examine an advanced topic of specialization in mathematics. Topics covered vary from year to year. Consult with faculty members in Mathematics for details regarding current offerings. **Note:** This course may be taken multiple times for credit.

*Prerequisites:* Minimum grade of B- in a 300-level Math course and permission of the department.
MGMT-107  
**Business Computing**  
3 Credits  
Weekly (3-0-0)  
Students develop foundational computer skills in the areas of file management, word processing, spreadsheet analysis, presentation development, and emerging technologies in order to support subsequent courses in their university career and to prepare them for the business world. Students solve business problems through data analysis, financial forecasting, and the use of internet communication tools.

MGMT-111  
**Financial Math**  
3 Credits  
Weekly (3-0-0)  
Managers in all organizations must be able to understand and apply mathematical concepts. Students in Financial Math review basic math and then apply the concepts in a merchandising environment to determine revenues, cost and profits. Borrowing, lending and investing money are addressed through the calculation of simple and compound interest, annuities, loans and sinking funds. Basic descriptive statistics are also introduced.  
*Prerequisites:* Pure Math 30 or Applied Math 30 or successful completion of the Skills Appraisal.

MGMT-117  
**Investment Funds in Canada**  
3 Credits  
Weekly (3-0-0)  
Students acquire the knowledge and skills required to assist customers to make their investment choices and match their needs with products available in the financial marketplace. Risk and return characteristics, consumer protection regulations, and customer service are addressed in relation to mutual funds, securities, and investment products. Upon successful completion of the course and the Institute of Canadian Bankers exam, students are eligible to obtain a Certificate from the Institute of Canadian Bankers and be licensed to sell mutual funds in Canada.

MGMT-121  
**Principles of Management**  
3 Credits  
Weekly (3-0-0)  
Students examine the theories and practice of the role of a manager in a Canadian organizational setting and within the global business environment. Discussions and activities focus on the functions and roles of management as they relate to both the organization's specific resources and capabilities internally and forces and institutions outside the organization that potentially affect the organization's performance. Students also develop and utilize problem-solving and decision-making skills both individually and in small groups.

MGMT-122  
**Organizational Behaviour**  
3 Credits  
Weekly (3-0-0)  
Students examine the impact of individuals and groups on behaviour within organizations. Students work individually and in groups to explore introductory theories and practice of personality and perception, diversity, motivation, small group dynamics, communication, change and leadership within the organizational context.

MGMT-126  
**Introduction to Conflict Management**  
3 Credits  
Weekly (3-0-0)  
This course is an introduction to the theory and practice of conflict management and alternative dispute resolution in organizational settings. Students integrate theoretical frameworks with conflict resolution practices in increasingly complex business related disputes through use of discussion, case analysis, and in class simulations. Emphasis is on the development of negotiation and mediation skills in dispute contexts.  
*Prerequisites:* MGMT 122.

MGMT-131  
**Marketing**  
3 Credits  
Weekly (3-0-0)  
Students examine basic decisions made by business in developing, distributing, promoting, and pricing of goods and services. Students learn to analyze buyer decision processes and to convert this information into reasonable marketing strategies. Through readings and projects, students acquire basic knowledge of the methods available for solving marketing problems.  
*Prerequisites:* ACCT 111, ACCT 215, and FNCE 113.

MGMT-132  
**Retail Merchandising**  
3 Credits  
Weekly (3-0-0)  
Students receive an introduction to key principles and practices in operating a successful retail outlet. Emphasis is placed on the key managerial and policy issues involved in the design, implementation and assessment of the retail strategy. Students explore several areas relating to the institution of retailing and elements of the retail environment.

MGMT-141  
**International Business**  
3 Credits  
Weekly (3-0-0)  
Students are introduced to the fundamental concepts, issues and practices in international business. International trade theory; entry into foreign markets; and political, economic, legal and cultural differences that influence business practices are discussed. Students acquire knowledge of the basic skills and attitudes required to become a successful international business practitioner.

MGMT-142  
**International Marketing**  
3 Credits  
Weekly (3-0-0)  
This course provides a comprehensive overview of the way in which consumer and industrial goods and services are marketed at the international level. Marketing intelligence, product planning, export pricing, promotion, distribution channels and the adaptation of the marketing mix to foreign markets are analyzed. The student develops an international marketing plan by the end of the course.  
*Prerequisites:* MGMT 131. May also be taken as a co-requisite.

MGMT-211  
**Business Finance**  
3 Credits  
Weekly (3-0-0)  
All businesses are required to make long-term financial decisions. Managers must raise capital, through the use of debt or equity, and invest that capital in projects that will produce an acceptable return. Learners are introduced to the major tools in this area including financial statement analysis, bond and stock valuation, and capital budgeting techniques such as net present value, internal rate of return and payback.  
*Prerequisites:* ACCT 111, ACCT 215, and FNCE 113.
MGMT-260
Strategic Management
3 Credits Weekly (3-0-0)
Students build on and utilize the foundation of earlier management coursework to scan environments, diagnose problems and analyze opportunities, create strategies for action, plan implementation, and evaluate results from an increasingly strategic perspective. Students work both individually and collaboratively in applying strategic decision-making skills to complex situations as presented by significant business case studies.
Prerequisites: MGMT 121, MGMT 122, MGMT 131, ACCT 218.

MGMT-261
Integrated Management Practice
3 Credits Weekly (3-0-0)
In this capstone course, students integrate learning from previous courses such as management, accounting, finance, marketing, business research and human resources management. Focusing on the strategic application of management theory from these areas, students demonstrate the ability to translate learning into effective management practice both individually and as part of a team. The core learning activity in this course is a business strategy simulation.
Prerequisites: HRMT 200 and (MGMT 211 and MGMT 240) or (ACCT 218 and MGMT 131 and PGMT 125).

MGMT-301
Introduction to Property Management
3 Credits Weekly (3-0-0)
Students learn the scope and responsibilities of a commercial and residential property manager. Topics include: ethics in property management, financial analysis and forecasting, client management and the regulatory framework of real estate management.
Prerequisites: FNCE 113 or MATH 112 or MATH 113, MGTS 103 or ACCT 215, BUSN 201 or MGMT 121, ACCT 311 or (ACCT 111 and ACCT 218).

MGMT-312
Entrepreneurship
3 Credits Weekly (3-0-0)
A practice-based course where students explore entrepreneurial thinking and acting in order to maneuver in entrepreneurial environments which are unpredictable, uncertain and ambiguous. Students will gain the mindset to work in such an environment in the capacity of employee, co-founder or founder of a business. Students learn through experimentation and creation of a lean business plan through application of sound business principles and current practices including lean start up and design thinking. This course requires active engagement - students learn through lecture, case studies, experimentation, video and guest speakers.
Prerequisites: FNCE 113 or MATH 112 or MATH 114 or MATH 120 and either: (ACCT 218, MGMT 121, MGMT 122, MGMT 131) or (ACCT 322, MARK 301 and ORGA 201).

MGTS-103
Probability and Statistics I
3 Credits Weekly (3-1-0)
Students are introduced to probability; discrete and continuous random variables and probability distributions; expectation and variance; normal and binomial distribution; sampling; sampling distributions for means and proportions. Students are expected to have basic familiarity with computer applications including spreadsheets.
Note: Credit can be obtained in only one of STAT 141, STAT 151, MGTS 103, MGTS 200 or MGTS 301.

MGTS-312
Probability and Statistics II
3 Credits Weekly (3-1-0)
Students develop knowledge and skills related to multiple regression analysis, model building techniques and related methods within the context of a business environment. Although students are expected to have a basic familiarity with computer applications including spreadsheets, necessary computing skills will be taught as the course proceeds.
Prerequisites: MGTS 103 or STAT 151 or STAT 141 or equivalent.
MGTS-352
Operations Management
3 Credits  Weekly (3-1-0)
This is a problem-solving course where students explore the managerial and strategic considerations of operations management decisions by examining and applying techniques such as capacity management, inventory management and control methods, waiting line theory, forecasting, project management and control techniques, and other operations management topics. Spreadsheet modeling is used to implement some of these techniques.
Prerequisites: One of MGTS 103 or STAT 141 or STAT 151 or ACCT 215.

MGTS-497
Special Topics in Management Science
3 Credits  Weekly (0-0-3)
This course involves reading, discussing and critically evaluating current research on specialized topics of interest to senior students in the Bachelor of Commerce. Topics covered vary with the interests of students and faculty and may include an applied field research component in business, government or community. Students should consult with faculty members in the Department of Decision Sciences and Supply Chain Management for details regarding current offerings. This course can be taken twice for credit.
Prerequisites: Minimum of C- in one 300 level MGTS course and consent of the department chair or designate.

MGTS-498
Independent Studies in Management Science
3 Credits  Weekly (0-0-3)
In consultation with, and supervised by, a member of the department or an approved professional in the community, a senior student undertakes advanced scholarly work related to the field of management science. The faculty member guides the student in designing and undertaking this work, using appropriate assumptions and methods to arrive at warranted conclusions and outcomes that will advance management science knowledge or practice or create meaningful results. Note: This course can be taken twice for credit.
Prerequisites: Consent of the course instructor and the department chair.

MSYS-200
Introduction to Management Information Systems
3 Credits  Weekly (3-0-0)
Students examine the interaction of technology and information in supporting the development of a business strategy. Students apply systems analysis, design, implementation and post implementation review methodologies. Through academic research and case study analysis, students integrate current best practices with emerging technology to meet a variety of business challenges. Students prepare and present a formal report to the CEO of a mock corporation.
Prerequisites: BUSN 201.

MTST-108
Massage Therapy Foundations
2 Credits  Weekly (2-0-0)
Students gain fundamental knowledge about the massage therapy profession including history, standards of practice, adjunctive therapies, as well as current and future trends. Students explore the roles and responsibilities of a massage therapist and the importance of inter-professional collaboration. Medical terminology used in the study of anatomy, physiology, massage theory and techniques is also covered.

MTST-109
Palpation Lab
1 Credit  Total (5-10-0)
Developing well refined tactile abilities is an essential skill for a massage therapist. Palpation lab is kinesthetic course focusing on locating important anatomical landmarks including muscle, bone, joints, nerves, arteries and ligaments. Reinforcing musculoskeletal knowledge, this course develops the skills to accurately palpate and identify common anatomical structures of the human body as well as differentiate between normal and abnormal findings.
Prerequisites or Co-requisites: MTST 120

MTST-115
Functional Survey for Massage Therapists
1 Credit  Weekly (1-1-0)
Information and techniques to provide a functional survey of the wellness status of clients seeking massage therapy are presented. Students learn to differentiate normal and abnormal findings and recognize clinical manifestations of abnormal findings. Hygiene and safety issues are addressed.

MTST-120
Human Anatomy I
3 Credits  Weekly (3-1-0)
This course is an in-depth study of the anatomical structures of the head, neck, trunk, abdomen, upper and lower extremities. The components of the musculoskeletal system and anthropology are examined in detail. Palpation skills are developed through surface anatomy labs which involve exploration of major bony and soft tissue landmarks.

MTST-122
Human Anatomy II
3 Credits  Weekly (3-0-0)
Students develop an understanding of the subcategories of anatomy including structural organization, body cavities, the cell, and tissues of muscle, nerve and bone. Students explore the structure and function of the major systems of the body including: cardiovascular, lymphatic and immune, respiratory, nervous, endocrine, gastrointestinal, urinary, reproductive and integumentary systems. Students are introduced to the special senses.

MTST-125
Physiology I
3 Credits  Weekly (3-0-0)
An introduction to the physiology of the body is provided. The nervous, musculoskeletal, cardiovascular, and protective systems are emphasized to explain the relationships between body fluid distribution, sensory stimulation, and the modulation of pain perception.

MTST-126
Physiology II
3 Credits  Weekly (3-0-0)
The physiology of the nervous, endocrine, cardiovascular, and immune systems and how these systems co-regulate the functioning of the body is discussed in detail. Hormonal and autonomic control of the respiratory, digestive, urinary, and reproductive systems are emphasized along with an examination of the special senses.
Prerequisites: MTST 125.
MTST-131
Techniques I
3 Credits    Total (30-30-30)
This course examines the principles, procedures and techniques involved in providing a wellness massage therapy treatment. Introductory massage techniques, draping, therapist self-care and the use of posture and body mechanics are presented. Students are introduced to SOAP notes, informed consent, hygiene, infection control precautions, indications/contraindications and the principles of massage therapy treatments. Furthermore, students develop and utilize palpation skills in identifying bony landmarks and soft tissue structures.

MTST-137
Developing Therapeutic Relationships
2 Credits    Weekly (2-1-0)
This course provides the student with the fundamental knowledge of ethics involved in the development of therapeutic relationships. The application of communication techniques and client/therapist responses to massage therapy are explored. Through discussion and experiential learning, the following topics are examined: professional boundaries, establishing trust, conflict management, interview skills, cultural differences, self-care, body image, transference and countertransference and the management of the therapist’s personal values in client relationships. This course also explores working relationships with the chronically ill, abuse survivors and emotional situations.

MTST-142
Techniques II
3 Credits    Total (30-30-30)
This course introduces massage therapy treatment principles and soft tissue/postural assessment skills. An in-depth study and practice of myofascial release, skin rolling, friction massage and muscle stripping techniques are developed in the context of a comprehensive massage therapy treatment. Students learn to work with greater tissue sensitivity and treat with increased depth. Prescribing appropriate homecare, introductory thermal therapy and principles of therapist self-care are emphasized. Contraindications and fundamentals of professional documentation are also reinforced.
Prerequisites: MTST 115, MTST 120, MTST 125 and MTST 131.

MTST-143
Techniques III
3 Credits    Total (30-30-30)
An in-depth study and practice of thermal therapy, trigger point therapy, Golgi tendon organ, muscle approximation, and origin/insertion techniques are presented in this course. Students learn to recognize contraindications and indications of these treatment modalities as they relate to common pathological conditions. Through experiential learning, students further refine palpation skills required for effective application of these techniques.
Prerequisites: MTST 142, MTST 146, MTST 122 (may be taken as a co-requisite).

MTST-146
Body Movements
3 Credits    Total (35-10-0)
An in-depth analysis of the structure and muscle function of human movement and gait is explored in this class. Anatomy of upper and lower extremity joints is reviewed. The physical basis of movement and muscle function is examined. Basic movements and sport activities are analyzed.
Prerequisites: MTST 120.

MTST-151
Research Literacy for Massage Therapists
1 Credit    Weekly (1-0-1)
The basic components of research literacy are covered in this course. Students locate, evaluate and discuss research and professional literature in the context of massage therapy practice. The application of evidence-informed treatment practices and planning to enhance patient care is a major focus.
Prerequisites: MTST 108.

MTST-155
Assessment for Massage Therapists I
2 Credits    Total (25-20-0)
The basic theory of assessment related to the practice of massage therapy is presented. Assessment of the human body (musculoskeletal) including postural and gait assessment, palpation, range-of-motion, muscle testing, sensation and reflex testing is examined in detail. Assessment related to the cervical spine, thoracic spine and upper body are emphasized. Documentation and interpretation of assessment findings are integral components of the course.
Prerequisites: MTST 120, MTST 146. May also be taken as a Co-requisite.

MTST-156
Assessment for Massage Therapists II
2 Credits    Total (25-20-0)
The theory and techniques from MTST 155 are expanded with emphasis on the lumbar spine and lower body. Documentation and interpretation of assessment findings are integral components of the course.
Prerequisites: MTST 155.

MTST-161
Clinical Practice I
1 Credit    Total (0-0-45)
This course introduces students to the practice of massage therapy in a supervised clinical setting. Working with the public, students have the opportunity to practice introductory massage therapy techniques and improve skills such as body mechanics, draping, interviewing, informed consent, assessment, recognizing contraindications and the ability to provide basic homecare recommendations.
Prerequisites: MTST 108, MTST 131, MTST 115, and Standard First Aid and Health Care Provider Level C CPR.

MTST-162
Clinical Practice II
1 Credit    Total (0-0-45)
This course builds on the practical experience gained in clinical practice I. In a supervised setting, students focus on providing massage therapy treatments to a variety of clients. This course offers an opportunity to practice advanced techniques, alternate positioning and sequencing, introductory assessment procedures, charting skills, treatment plan development and prescribe basic self-care. Chair massage is also introduced.
Prerequisites: MTST 161, MTST 146 and MTST 142.

MTST-224
Techniques IV
3 Credits    Total (30-30-30)
Peripheral joint mobilizations, proprioceptive neuromuscular facilitation, static stretching and lymphatic drainage techniques are explained, demonstrated and practiced in this course. An in-depth understanding of the contraindications and indications of these techniques are explored. Techniques are practiced within the context of a comprehensive treatment plan and an understanding of appropriate assessment and technique treatment modifications.
Prerequisites: MTST 143, MTST 155. Co-requisites: MTST 281.
MTST-225
Techniques V
3 Credits Total (30-30-30)
The theory and clinical technique of therapeutic exercise and rehabilitation are presented within the context of massage therapy treatment planning. Case studies are used to facilitate the development of appropriate therapeutic exercise intervention for patients with a variety of musculoskeletal disorders and movement dysfunction. This course also examines the principles, assessment and techniques for lower extremity peripheral joint mobilizations.
Prerequisites: MTST 224.
Co-requisites: MTST 283.

MTST-226
Techniques VI
3 Credits Total (30-30-30)
Facilitated by case studies, this course takes an integrative approach allowing students the opportunity to consolidate material learned in the program into comprehensive massage therapy treatment protocols for commonly occurring conditions. The focus is on evaluating research to inform clinical decisions about assessment, treatment planning, and therapeutic exercise components of a massage therapy treatment protocol. The benefits and indications of adjunctive therapeutic modalities are also presented.
Prerequisites: MTST 225 and MTST 283.

MTST-260
Clinical Practice III
1 Credit Total (0-0-45)
This course involves the application of advanced massage therapy to clients in a supervised setting. The intent is to build on the practical experience and knowledge gained in clinical practice II. This course provides an opportunity to practice advanced techniques on a variety of clinical pathologies and special populations commonly seen by massage therapists. A focus is placed on advanced assessment, treatment planning, application of specialized techniques, and self-care customized to individual clients.
Prerequisites: Minimum grade of C- in MTST 162, MTST 155 and MTST 143.

MTST-261
Clinical Practice IV
1 Credit Total (0-0-45)
This course is the supervised application of therapeutic massage techniques to clients in a clinic setting. Case conferences are conducted at which time students present assessment data treatment plans for clients with special needs in a supervised clinical setting. Students have the opportunity to develop skills working as part of a health care team through an internship in a hospital setting. Case conferences are conducted at which time students present assessment data and treatment plans for individual clients.
Prerequisites: MTST 156, MTST 260, MTST 273, MTST 281, and Standard First Aid and Health Care Provider Level C CPR.

MTST-262
Clinical Practice V
1 Credit Total (0-0-45)
This course is the final clinical experience in the massage therapy program. The focus of this course is on the application of therapeutic massage techniques to clients with special needs in a supervised clinical setting. Students have the opportunity to develop skills working as part of a health care team through an internship in a hospital setting. Case conferences are conducted at which time students present assessment data and treatment plans for individual clients.
Prerequisites: MTST 283, MTST 261,MTST 274, MTST 225 and Standard First Aid and Health Care Provider Level C CPR.

MTST-265
Business Management for Massage Therapists
2 Credits Weekly (2-0-0)
An introduction to starting and managing a massage therapy business is presented in this course. Sustainable business practices are explored. From an entrepreneurial view, an emphasis is placed upon practice management, business plan development, marketing and service promotion. Creating a resume and developing interview skills is also addressed.

MTST-273
Massage Therapy for Special Populations I
2 Credits Total (25-20-0)
The various stages of the human lifespan are studied in this course. Identifying and applying therapeutic massage techniques as part of a comprehensive treatment for healthy populations throughout the lifespan is focused on. The areas of consideration include pregnancy, infancy, childhood, adolescence, adulthood, and geriatric. Breast massage is also introduced.
Prerequisites: MTST 162 and MTST 143.
MTST-286
Sport Massage
3 Credits   Total (30-20-10)
The focus of this course is on the theory and practice of sport massage. The history of sport massage and role of the sport massage therapist is examined in detail. The indications and contraindications as they relate to sport-specific athletes are addressed as well as sport massage techniques, positioning, stretching, pre-, inter- and post-event, and training/maintenance massage. A review of common sport injuries, including their assessment and treatment are also discussed in this course.
Prerequisites: MTST 142.
Prerequisites or Co-requisites: MTST 146.

MUSC-100
Introduction to Music
3 Credits   Weekly (3-0-0)
This course is an introduction to the study of music through a historical survey of Western art-music with an emphasis on listening, rudimentary theory, and analysis. In addition, students identify some of the individuals and socio-political forces that shaped the development of this music. Students are not required to be able to read or perform music.

MUSC-103
Theory I: Introduction to Music Theory
3 Credits   Weekly (3-0-0)
Students are introduced to the rudiments of music and music theory, the fundamentals of functional harmony, and the foundations of common practice and jazz/contemporary harmonic theory. The course is coordinated with Ear Training I curriculum, provides the theoretical background required of first-year principal instrument, master classes and performance ensembles, and prepares students for advanced studies in theory and its application to interpretation, arranging and composition.

MUSC-104
Theory II: Harmony, Voice Leading, and Function
3 Credits   Weekly (3-0-0)
Students expand their understanding of the vertical and linear aspects of harmony including chord structure and voicing, voice leading, chord progressions, chord substitutions, harmonic function, and the phrase model. Students focus on the application of theoretical concepts through analysis and writing. The course is divided into two parts: (1) jazz harmony and relevant issues in contemporary popular music; (2) common-practice harmony and voice leading.
Prerequisites: MUSC 103.

MUSC-111
Ear Training I
3 Credits   Total (45-0-0)
Students develop essential musical skills including aural identification and vocalization of intervals, chords, rhythms and melodies, as well as sight singing melodies and rhythms. Ear Training I is aligned with course content and learning in Theory I.

MUSC-112
Ear Training II
3 Credits   Weekly (0-3-0)
Students continue to develop the essential musical skills introduced in Ear Training I including aural identification and vocalization of intervals, chords, rhythms and melodies, melodic and rhythmic dictation, and sight singing melodies and rhythms. Ear Training II is aligned with instruction and learning in Theory II.
Prerequisites: MUSC 111.

MUSC-123
Musicology I: Historical Musicology
3 Credits   Weekly (3-0-0)
This course introduces critical listening, research methods, and writing for musicology through the lenses of historical and critical musicology in Music 123. By introducing a critical media studies approach to musicology, this course provides an opportunity to discuss musical creative and musical economics in the digital age. This course also introduces contemporary digital research and dissemination approaches.
Prerequisites: MUSC 123

MUSC-124
Musicology II: Popular Music Studies
3 Credits   Weekly (3-0-0)
This course builds on the critical listening, research methods, and writing for musicology introduced in through the lenses of historical and critical musicology in Music 123. By introducing a critical media studies approach to musicology, this course provides an opportunity to discuss musical creative and musical economics in the digital age. This course also introduces contemporary digital research and dissemination approaches.
Prerequisites: MUSC 123

MUSC-131
Intermediate Instrument I
3 Credits   Total (10.5-5-0)
Prerequisites: MUSC 130.
Course Description:
This course is designed to prepare students for advanced instrumental study and performance. The course is divided into two parts: (1) principal instrument performance; (2) ensemble performance. Students continue to develop essential performance skills and abilities through private instruction, group rehearsals, and all levels of performance. The course is aligned with course content and learning in Theory I.

MUSC-132
Intermediate Instrument II
3 Credits   Total (10-5-0)
Prerequisites: MUSC 130.
Course Description:
This course is designed to prepare students for advanced instrumental study and performance. The course is divided into two parts: (1) principal instrument performance; (2) ensemble performance. Students continue to develop essential performance skills and abilities through private instruction, group rehearsals, and all levels of performance. The course is aligned with course content and learning in Theory I.

MUSC-141
Master Class I
3 Credits   Weekly (1.5-2-0)
Prerequisites: MUSC 140.
Course Description:
Master Class I is the first in a series of courses that develop a wide variety of essential performance skills and abilities within an ensemble environment. The Master Class courses address style, repertoire, technique, reading, improvisation, performance, listening and other skills that are necessary for the professional jazz and contemporary popular musician. Note: Only full-time students admitted to the Music Program may take this course.
MUSC-142
Master Class II
3 Credits
Weekly (1.5-2-0)
Master Class II is the second in a series of courses that develop a wide variety of essential performance skills and abilities within an ensemble environment. The Master Class courses address style, repertoire, technique, reading, improvisation, performance, listening and other skills that are necessary for the professional jazz and contemporary popular musician.
Prerequisites: MUSC 141.

MUSC-188
Performance Ensemble
0 Credits
Total (0-0-45)
MUSC 188 fulfills the performance ensemble requirement in Term I of the Bachelor of Music. Through focused independent practice, weekly rehearsals and public performances, this course provides each student the opportunity to develop and interpret repertoire drawn from jazz and contemporary popular music. Based on an audition process, students are placed in an appropriate ensemble under the directorship of a music faculty member. The ensembles vary in instrumentation and size, which are determined by stylistic specificity and repertoire.

MUSC-189
Performance Ensemble
0 Credits
Total (0-0-45)
MUSC 189 fulfills the performance ensemble requirement in Term II of the Bachelor of Music. Through focused independent practice, weekly rehearsals and public performances, this course provides each student the opportunity to develop and interpret repertoire drawn from jazz and contemporary popular music. Based on an audition process, students are placed in an appropriate ensemble under the directorship of a music faculty member. The ensembles vary in instrumentation and size, which are determined by stylistic specificity and repertoire.
Prerequisites: MUSC 188.

MUSC-201
Theory III: Jazz Harmony and Analysis
3 Credits
Weekly (3-0-0)
Building on the rudiments of jazz harmony introduced in Year 1, this course presents an in-depth study of the vertical and linear structures that are characteristic of traditional and contemporary jazz compositions. Critical listening aligned with score reading is an important activity in this course. Topics include harmonic function, chord construction, chord substitution and linear embellishment, voicing and voice leading, melody, rhythm and form. Students complete analytical, critical listening and critical writing assignments that draw from the significant styles and genres of jazz.
Prerequisites: MUSC 104 or MUSC 102.

MUSC-208
Songwriting II
3 Credits
Weekly (1-2-0)
In this course, students continue to explore the art and craft of songwriting. Students examine and develop skills in a variety of songwriting techniques and concepts including writing lyrics and melodies, utilizing song forms, setting lyrics to melody, rewriting, and co-writing. A component of this course examines market trends, song demos, marketing songs, and other aspects of the business of songwriting.
Prerequisites: MUSC 104 or MUSC 102.

MUSC-211
Composition I
3 Credits
Weekly (3-0-0)
This course introduces students to the art and craft of composition and prepares them for further study in this area. Through lectures, demonstrations, score study and listening, students acquire familiarity with the melodic, harmonic, and rhythmic elements and techniques of composition that apply to a wide range of genres and styles in the context of jazz and contemporary idioms. Students develop essential skills as they complete a variety of compositions that focus on blues, modal, and groove/ostinato based composition.
Prerequisites: MUSC 104 or MUSC 102.

MUSC-212
Composition II
3 Credits
Weekly (3-0-0)
Students continue the study of jazz and contemporary idioms through lectures, demonstrations, score analysis and listening. Compositions in this course address complex formal structures, counterpoint and ensemble writing. Students develop essential skills as they complete a variety of compositions that explore contrapuntal ballads, complex modal forms and an introduction to string quartets and film scoring.
Prerequisites: MUSC 211.

MUSC-213
Ear Training III
3 Credits
Weekly (3-0-0)
Ear Training III addresses three interrelated areas of study: aural skills, sight-reading skills, and music theory. The ability to recognize and identify elemental musical structures and to determine their relationships through traditional and jazz theory is a primary focus of this course. Singing is practiced in class using the Tonic sol-fa system in conjunction with the scale-degree system.
Prerequisites: MUSC 112.
MUSC-214
Ear Training IV
3 Credits  Weekly (3-0-0)
In Ear Training IV, students continue to explore the relationship of aural and reading skills, and music theory. Regular activities include melodic, harmonic, and rhythm dictation exercises, singing using the Tonic sol-fa system in conjunction with the scale-degree system, and performing rhythms in simple, compound, asymmetrical and composite meters. Examples and excerpts used in this course reflect a wide stylistic perspective (traditional, contemporary popular, and jazz).
Prerequisites: MUSC 213.

MUSC-215
Functional Keyboard I
1.5 Credits  Weekly (0-2-0)
In this course, instrumentalists and vocalists are introduced to the essential keyboard skills required of contemporary musicians. Students develop basic technical ability and reading skills through exercises, études, and examples drawn from jazz and contemporary popular repertoires. Students study a syllabus of scales, chords, voicings and voice leading models, and prepare for a final performance examination comprising technical, sight-reading, and repertoire components.
Note: This course is not open to pianists (Principal and Applied Instrument).
Prerequisites: MUSC 132 and (MUSC 104 or MUSC 102).

MUSC-216
Functional Keyboard II
1.5 Credits  Weekly (0-2-0)
This course continues to develop the concepts and skills introduced in Functional Keyboard I. Through the study of technical exercises and études in combination with examples drawn from jazz and contemporary popular repertoires, students develop essential technical techniques, reading skills, and basic accompanying skills. Students study a comprehensive syllabus of scales and chords, progressions, voicings and voice leading models, and prepare for a performance exam comprising technical, sight-reading, and repertoire components that reflect a diversity of contemporary styles. Note: This course is not open to pianists (Principal and Applied Instrument).
Prerequisites: MUSC 215.

MUSC-217
Accompanying I
1.5 Credits  Weekly (1.5-0-0)
Accompanying I focuses on developing the skills required of pianists (Principal or Applied Instrument courses) to accompany vocalists and instrumentalists through the study of contemporary popular repertoires. Emphasis is also placed on developing an awareness of style and genre, fostering critical listening skills, and exploring the dynamic relationship between the accompanist and the soloist. Students prepare for a juried performance examination that consists of sight-reading and repertoire components.
Prerequisites: MUSC 132 (piano).

MUSC-218
Accompanying II
1.5 Credits  Weekly (1.5-0-0)
Accompanying II continues to develop the skills required of pianists (Principal and Applied Instrument courses) to accompany vocalists and instrumentalists through the study of standard blues and R&B, jazz, and contemporary musical theatre repertoires. Emphasis is also placed on developing an awareness of style and genre, fostering critical listening skills, and exploring the dynamic relationship between the accompanist and the soloist. Students prepare for a juried performance examination that consists of sight-reading and repertoire components.
Prerequisites: MUSC 217.

MUSC-221
Applied Instrument I
1.5 Credits  Total (0-5.25-0)
Upper-year students in the Composition and General routes receive bi-weekly private lessons on their major instrument with focus on technique, repertoire development and style. The private teacher and the student select pieces from standard jazz and popular music repertoires for study and examination. Students also prepare for a juried technical examination that is given at the end of term. Prerequisites: MUSC 132.

MUSC-222
Applied Instrument II
1.5 Credits  Total (0-5.25-0)
This course builds on the skills developed in Applied Music I. Upper-year students in the Composition and General routes continue to receive bi-weekly private lessons on their major instrument, with focus on technique, repertoire development and style. The private teacher and the student select pieces from standard jazz and popular music repertoires for study and examination. Students complete a juried repertoire examination given at the end of term at which they are assessed on presentation, technical ability, interpretation and stylistic aspects.
Prerequisites: MUSC 221.

MUSC-233
Principal Instrument III
3 Credits  Total (0-10.5-0)
Performance majors receive individual instruction in technique and its application to repertoire. The course consists of private lessons that primarily prepare the student for two juried examinations: a technical jury and a repertoire jury.
Prerequisites: MUSC 132.

MUSC-235
Principal Instrument IV
3 Credits  Total (0-10.5-0)
Performance majors receive individual instruction in technique and its application to repertoire. The course consists of private lessons that primarily prepare the student for two juried examinations: a technical jury and a repertoire jury.
Prerequisites: MUSC 233.

MUSC-243
Master Class III
3 Credits  Weekly (1.5-2-0)
Master Class III is the third in a series of courses that develop a wide variety of essential performance skills and abilities within an ensemble environment. The Master Class courses address style, repertoire, technique, reading, improvisation, performance, listening and other skills that are necessary for the professional jazz and contemporary popular musician.
Prerequisites: MUSC 132 and MUSC 142.
MUSC-244
Master Class IV
3 Credits  Weekly (1-2-0)
Master Class IV is the final course in the series of courses that develop a wide variety of essential performance skills and abilities within an ensemble environment. The Master Class courses address style, repertoire, technique, reading, improvisation, performance, listening and other skills that are necessary for the professional jazz and contemporary popular musician.
Prerequisites: MUSC 243.

MUSC-253
Live Sound Reinforcement I
3 Credits  Weekly (2-1-0)
This course addresses sound reinforcement for music applications. Students examine sound in live situations, how sound behaves and how it is amplified. Students are introduced to the essential equipment used in the sound reinforcement industry, and develop the skills and abilities necessary to set up and operate a basic PA system. The course integrates practical experience in a concert or event setting with classroom instruction.
Prerequisites: MUSC 123 and 124.

MUSC-254
Live Sound Reinforcement II
3 Credits  Weekly (2-1-0)
This course continues to develop the skills established in Live Sound Reinforcement I. Students expand their knowledge of advanced concert sound reinforcement. Students also acquire an understanding of the duties and responsibilities of all the people involved with a major concert and how to work as part of that crew. The course integrates practical experience in a concert or event setting with classroom instruction.
Prerequisites: MUSC 253.

MUSC-263
Introduction to Music Technology and Production
3 Credits  Weekly (2-1-0)
This course provides students with an understanding of the primary types of technology commonly used in music. In addition to lectures, the course has a lab component in which students acquire basic operational skills for various music technologies. Topics include: Macintosh laptop and operating systems; an introduction to the principles of sound, microphones and recording; computer-based notation: sequencing; mixing and effects processing; an introduction to MIDI; synthesis; a survey of the various hardware used in other program courses.
Prerequisites: MUSC 104 or MUSC 102.

MUSC-294
Performance Ensemble
0 Credits  Total (0-0-45)
MUSC 294 fulfills the performance ensemble requirement in Term III of the Bachelor of Music. Through focused independent practice, weekly rehearsals and public performances, this course provides each student the opportunity to develop and interpret repertoire drawn from jazz and contemporary popular music. Based on an audition process, students are placed in an appropriate ensemble under the directorship of a music faculty member. The ensembles vary in instrumentation and size, which are determined by stylistic specificity and repertoire.
Prerequisites: MUSC 189.

MUSC-295
Performance Ensemble
0 Credits  Total (0-0-45)
MUSC 295 fulfills the performance ensemble requirement in Term IV of the Bachelor of Music. Through focused independent practice, weekly rehearsals and public performances, this course provides each student the opportunity to develop and interpret repertoire drawn from jazz and contemporary popular music. Based on an audition process, students are placed in an appropriate ensemble under the directorship of a music faculty member. The ensembles vary in instrumentation and size, which are determined by stylistic specificity and repertoire.
Prerequisites: MUSC 294.

MUSC-301
Special Project I
1 Credit  Weekly (0-0-2)
This course provides the student an opportunity to explore a specific area of interest. Projects are faculty supervised and may focus exclusively on creative work, performance, research and writing, recording and production, or an aspect of music management, or incorporate a combination of these areas. Students require prior approval of the chair of music in order to be eligible to enroll in this course. Note: Upon successful completion of the first attempt at MUSC 301 and permission from the chair of music in consultation with the faculty supervisor, students may repeat this course for credit in order to continue and develop their projects.
Prerequisites: ENGL 102 and 103, and 30 credits of BMus courses including MUSC 123 and 124.

MUSC-302
Special Project II
2 Credits  Weekly (0-0-4)
This course provides the student an opportunity to explore a specific area of interest. Projects are faculty supervised and may focus exclusively on creative work, performance, research and writing, recording and production, or an aspect of music management, or incorporate a combination of these areas. Students require prior approval of the chair of music in order to be eligible to enroll in this course. Note: Upon successful completion of the first attempt at MUSC 302 and permission from the chair of music in consultation with the faculty supervisor, students may repeat this course for credit in order to continue and develop their projects.
Prerequisites: ENGL 102 and 103, and 30 credits of BMus courses including MUSC 123 and 124.

MUSC-303
Special Project III
3 Credits  Weekly (0-0-6)
This course provides the student an opportunity to explore, in depth, a specific area of interest. Projects are faculty supervised and may focus exclusively on creative work, performance, research and writing, recording and production, or an aspect of music management, or incorporate a combination of these areas. Students require prior approval of the chair of music in order to be eligible to enroll in this course.
Prerequisites: ENGL 102 and 103, and 30 credits of BMus courses including MUSC 123 and 124.
COURSE DESCRIPTIONS

MUSC-313
Arranging I: Introduction to Arranging
3 Credits  Weekly (1-2-0)
This course introduces students to the fundamentals of arranging for small groups.

MUSC-314
Arranging II: Arranging for Large Ensembles
3 Credits  Weekly (1-2-0)
Building on concepts from Arranging I, students will learn techniques for writing arrangements for larger ensembles.

MUSC-326
Composition III
3 Credits  Weekly (3-0-0)
This course explores the creation of post-tonal compositions, including impressionism, serialism, and minimalism. Students will develop individual projects.

MUSC-327
Composition IV
3 Credits  Weekly (3-0-0)
This course explores the primary movements of twentieth-century post-tonal composition, including impressionism, serialism, and minimalism. Students will develop individual projects.

MUSC-335
Principal Instrument V
3 Credits  Total (0-10.5-0)
Performance majors receive private lessons on their major instrument with a focus on technique, repertoire development, style, applied theory, and development of aural skills. In addition, the private lesson prepares students for the juried repertoire performance examination held at the end of the term.

MUSC-336
Principal Instrument VI
3 Credits  Total (0-10.5-0)
Performance majors receive private lessons on their major instrument with a focus on technique, repertoire development, style, applied theory, and development of aural skills. In addition, the private lesson prepares students for the juried repertoire performance examination held at the end of the term.

MUSC-339
Improvisation II
1.5 Credits  Weekly (1.5-0-0)
This course builds on skills and knowledge presented in MUSC 358 (Improvisation I). Students will develop practical understanding of modern jazz language, sound, feel, and phrasing.

MUSC-348
Contemporary Issues in Performance Practice and Techniques I
1.5 Credits  Weekly (0-2-0)
This course examines issues and performance practices in jazz and contemporary popular music from theoretical and practical viewpoints. Students will analyze performance practice, investigate artistic and style-related topics, and prepare repertoire to perform in master-class settings.

MUSC-361
Introduction to Music Career Management
3 Credits  Weekly (3-0-0)
This course surveys historical and current issues that have an impact on the musician’s career. Issues such as education, gender, employment, intellectual property rights and multiculturalism, among others, are examined through seminal case studies.

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MUSC-362
The Business of Music
3 Credits  Weekly (3-0-0)
Students examine the financial, legal and political aspects of the music business. The focus of this course is on the fundamentals of a contract, the independent musician as a legal entity, copyrights, finance and planning, accounting practices, and the principles of project management. Sources to fund or finance a project are introduced, including grant awards in Canada. Opportunities and requirements to work internationally are discussed.
Prerequisites: MUSC 361 or MUSC 271.

MUSC-363
The Musician's Workplace
3 Credits  Weekly (3-0-0)
Students examine activities and occupations of the professional musician, and learn how to successfully interact and function in these environments. Music is a social art. Professional musicians work with a variety of performing artists, producers, technicians, managers and agents, and for many types of enterprises including clubs and hotels, churches, private functions, the military, theatre and dance companies, production companies and not-for-profit organizations.
Understanding how these sectors and activities are organized and motivated is important in developing and maintaining a career as a professional performing musician. Topics also include analysis of contracts, pricing and hiring procedures in key areas.
Prerequisites: MUSC 361 or MUSC 271.

MUSC-364
Applications in Music Technology I
3 Credits  Weekly (1-2-0)
This course focuses on the development of the creative application of technologies used in current music and audio production, and the foundations and theories that underlie these skills and practices. Through classroom and focused project work, students gain knowledge and experience with Digital Audio Workstation (DAW)-centric composition and production with emphasis on synthesizer programming, MIDI and audio tracking, editing and mixing, working with visual media, audio mastering, and delivery.
Prerequisites: MUSC 263 or MUSC 261.

MUSC-366
Introduction to the Recording Studio
3 Credits  Weekly (0-4-0)
This course is an introduction to the theory and practice of recording engineering. Students study the behaviour of sound, acoustics, recording studio design, analog and digital audio, and the theory and operation of common recording studio equipment. Practical learning concentrates on studio procedures, set up, and the operation of equipment. Students learn to make optimal use of a state-of-the-art recording studio as they complete a variety of multi-track recording projects.
Prerequisites: MUSC 263 or MUSC 261.

MUSC-371
Junior Recital
0 Credits  Weekly (0-0-0)
The Junior Recital is a juried public recital in which performance majors demonstrate their ability to prepare and rehearse a varied repertoire, and exhibit stylistic awareness, technical and artistic prowess, musical imagination, and professionalism. Students create the arrangements and direct the rehearsals, prepare the printed programme and provide the posters, and coordinate with production and recording technicians. The repertoire draws from the Jazz, World and Contemporary Popular areas, and is selected in consultation with the student's private lesson instructor and faculty supervisor [section head].
Prerequisites: MUSC 335.
Co-requisites: MUSC 336.

MUSC-374
Alternatives for Careers in Music
3 Credits  Weekly (3-0-0)
This is a comprehensive survey of the many careers open to musicians. Students examine and compare essential skills acquired and developed through musical training and practice that apply to alternate career paths, and investigate career options including careers as a sole activity or as complementary to music performance and creation. Students also explore the future of music-related careers in response to technological trends and changes in society and culture, and envisage future careers in music that are yet to emerge.
Prerequisites: MUSC 361 or MUSC 271.

MUSC-380
Directed Project
3 Credits  Weekly (0-0-1)
This is a faculty-supervised, project-driven course that allows senior-level students to pursue independent work in a primary area of interest, including research and writing, composing, recording, or preparing and performing repertoire. Students are required to submit a formal proposal and obtain the written approval of the chair of music in order to be eligible to enroll in this course. Note: Upon successful completion of the first attempt at MUSC 380 and permission from the chair of music in consultation with the faculty supervisor, students may repeat this course for credit in order to continue and develop their projects.
Prerequisites: 60 credits of BMus courses including MUSC 123 and 124.

MUSC-396
Performance Ensemble
1 Credit  Total (0-0-45)
MUSC 396 fulfills the performance ensemble requirement in Term V of the Bachelor of Music. Through focused independent practice, weekly rehearsals and public performances, this course provides each student the opportunity to develop and interpret repertoire drawn from jazz and contemporary popular music. Based on an audition process, students are placed in an appropriate ensemble under the directorship of a music faculty member. The ensembles vary in instrumentation and size, which are determined by stylistic specificity and repertoire.
Prerequisites: MUSC 295.

MUSC-397
Performance Ensemble
1 Credit  Total (0-0-45)
MUSC 397 fulfills the performance ensemble requirement in Term VI of the Bachelor of Music. Through focused independent practice, weekly rehearsals and public performances, this course provides each student the opportunity to develop and interpret repertoire drawn from jazz and contemporary popular music. Based on an audition process, students are placed in an appropriate ensemble under the directorship of a music faculty member. The ensembles vary in instrumentation and size, which are determined by stylistic specificity and repertoire.
Prerequisites: MUSC 396.
MUSC-415
Orchestration
3 Credits  Weekly (1-2-0)
This course introduces students to writing for the symphony orchestra through a brief survey of the historical development of the orchestra, with focus on the principal families of instruments that constitute the modern orchestra. Students acquire knowledge of the characteristics and roles of orchestral instruments, and the notational conventions associated with scoring for these instruments. Periodic writing assignments reinforce the essential principles of orchestration including featuring, combining and balancing instruments for pragmatic and expressive reasons, and realizing orchestral arrangements from piano scores, compositional sketches and other musical media. The final project for this course is a fully scored orchestration of an excerpt or piece.
Prerequisites: MUSC 313 or (MUSC 203 and MUSC 204).

MUSC-416
Scoring for Film and Other Visual Media
3 Credits  Weekly (1-2-0)
This course focuses on the aesthetic and technical demands of composing and producing music for feature films, episodic television, and other visual media, with emphasis on the concepts of musical association and musical meaning. Students are introduced to a wide variety of notable film scores, complete a series of scoring projects for mixed instrumentation using virtual and real instruments, and learn how to synchronize music with visual media through the use of computer software and real time methods.
Prerequisites: (MUSC 263 or MUSC 261) AND (MUSC 313 or (MUSC 203 and MUSC 204))

MUSC-417
Composition V
1.5 Credits  Total (0-22.5-0)
The focus of this course is the development of the student’s unique voice as a composer. Students continue to undertake extensive writing projects in anticipation of the Composition Graduation Recital. Lectures and labs address pertinent issues relating to their compositions, including labs in song writing, composing in the digital-audio workstation (DAW) environment, composing for chamber ensembles, and jazz combo/big band writing.
Prerequisites: MUSC 327

MUSC-418
Composition VI
1.5 Credits  Weekly (1.5-0-0)
This course focuses on final preparation for the Composition Graduation Recital, which is a juried, public concert of original works. Lectures and labs follow the same structure as Composition V (MUSC 417), allowing students to continue developing their music toward the final recital.
Prerequisites: MUSC 417.
Co-requisites: MUSC 474.

MUSC-424
Ethnomusicology
3 Credits  Weekly (3-0-0)
Students will be introduced to development and current practice of ethnomusicology in Canada with special attention to the methods of research that make the discipline a unique form of musicology. Students explore music as sound and culture, as social practice, as a contributor to the creative economy, and as expression of meaning with emphasis on the development of ethnographic methods and contemporary methods of research dissemination.
Prerequisites: MUSC 427.

MUSC-426
History of Electro-Acoustic Music
3 Credits  Weekly (3-0-0)
In this course, students examine the history of electro-acoustic music in relation to the significant composers of this music and their seminal works. Through lectures, readings, critical listening and analysis, students investigate the ideas, techniques and technologies that determined the development of this genre and its influence on other genres. Students are introduced to the various instruments inherent to the genre and the unique and often idiosyncratic notational systems used by various composers. Aesthetics of electro-acoustic music in context of other 20th-century musical and cultural movements, and the ethical problems and controversies arising from the use of musique concrète and sampling techniques are also addressed.
Prerequisites: MUSC 263 or MUSC 261

MUSC-427
Cultural Studies of Music
3 Credits  Weekly (3-0-0)
This course focuses on the analysis of contemporary popular music culture and the key thinkers and theorists from cultural studies and critical theory who have made seminal contributions to the field. The development of research and writing methods is an essential aspect of this course.
Prerequisites: MUSC 123 and 124

MUSC-437
Principal Instrument VII
3 Credits  Total (0-10.5-0)
Performance majors receive private lessons on their major instrument with a focus on technique, repertoire development, style, applied theory and development of aural skills. In addition, the private lesson prepares performance majors for the juried repertoire performance examination held at the end of the term.
Prerequisites: MUSC 472 and MUSC 452.
Co-requisites: MUSC 473.

MUSC-438
Principal Instrument VIII
3 Credits  Total (0-10.5-0)
Performance majors receive private lessons on their major instrument with a focus on technique, repertoire development, style, applied theory and development of aural skills. In addition, the private lesson supports preparation for the Graduation Recital (Performance major).
Prerequisites: MUSC 437 and MUSC 452 and MUSC 472.
Co-requisites: MUSC 473.
COURSE DESCRIPTIONS

MUSC-452
Contemporary Issues in Performance Practice and Techniques II
1.5 Credits  Weekly (0-2-0)
Students examine issues and performance practices in jazz and popular music from theoretical and practical viewpoints, investigate artistic and style-related topics, prepare repertoire to perform in master-class settings, research pertinent issues and present findings, build a core repertoire, and develop ensemble directing skills. This course prepares students for the Area Examination (MUSC 472) and the Performance Graduation Recital (MUSC 473).
Prerequisites: MUSC 348.
Co-requisites: MUSC 472.

MUSC-460
Improvisation III
1.5 Credits  Weekly (1.5-0-0)
This course is a study of the improvisation techniques idiomatic to popular music. Students analyze performances drawn from the canonic repertoire of popular music. Practical applications of theoretical concepts including motivic development, chord-scale relationships, line and interval, and rhythmic development, as well as style, feel and expression are developed through analysis, transcription and performance. Performance constitutes the primary activity of this course.
Prerequisites: MUSC 359.

MUSC-461
Improvisation IV
1.5 Credits  Weekly (1.5-0-0)
This course is a study of the improvisation techniques idiomatic to jazz music. Students analyze performances drawn from the canonic repertoire of jazz music. Practical applications of theoretical concepts including motivic development, chord-scale relationships, line and interval, and rhythmic development, as well as style, feel and expression are developed through analysis, transcription and performance. Performance constitutes the primary activity of this course.
Prerequisites: MUSC 460.

MUSC-465
Applications in Music Technology II
3 Credits  Weekly (1-2-0)
Building on the skills and theory introduced in MUSC 364, this course explores the advanced use of technology in music composition and audio production. Topics include sound design, synthesizer programming, advanced work with visual media, and advanced DAW-based MIDI and audio production techniques, all of which are addressed at a level commensurate with professional-level expectations. Additional topics include advanced synthesis designs, alternate controllers and control protocols, multi-channel audio production, and an introduction to interactive programming.
Prerequisites: MUSC 364.

MUSC-467
Recording Studio Production
3 Credits  Weekly (0-4-0)
This course focuses on the producer’s critical and varied roles in the process of recording studio production. Through lectures, reading, analytical listening, and project-driven coursework, students will solidify their understanding of the process of music production in context of the recording studio environment. Ultimately, students will model the traits of the successful producer in realistic production situations.
Prerequisites: MUSC 366.

MUSC-468
Acoustics and the Science of Musical Instruments
3 Credits  Weekly (3-0-0)
This course explores the physical and psychological nature of sound. Students learn about the entire life of a sound, starting with its physical origins from musical instruments, how it travels in the environment, and how the listener perceives it. Students undertake several projects in which they will apply essential principles to real-life situations and creatively explore key concepts.
Prerequisites: MUSC 261 or MUSC 263

MUSC-472
Area Examination
0 Credits  Weekly (0-0-0)
Performance majors present and defend a programme proposal for their Graduation Recital (MUSC 473) that speaks to their knowledge of the repertoire in terms of historical and contemporary sources, the significance of the selected works, the important musicians associated with these works, the genres and styles, and the requirements of preparing for and mounting the recital.
Prerequisites: MUSC 348, MUSC 336 and MUSC 371.
Co-requisites: MUSC 437 and MUSC 452.

MUSC-473
Graduation Recital, Performance Major
0 Credits  Weekly (0-0-0)
The Graduation Recital, Performance (MUSC 473) is a “main stage” juried public concert. Performance majors prepare and rehearse a varied repertoire that speaks to their primary artistic and professional interests and goals. In this recital, students exhibit stylistic authenticity, technical mastery, artistic prowess, musical imagination, and professionalism. Students create the arrangements and direct the rehearsals, prepare the printed programme and provide the posters, and coordinate with production and recording technicians. The repertoire and all other aspects of this recital are determined and approved in consultation with the student’s private lesson instructor and faculty supervisor through the process of the Area Examination (MUSC 472).
Prerequisites: MUSC 472 and MUSC 452 and MUSC 437.
Co-requisites: MUSC 438.
MUSC-474
Graduation Recital and Portfolio (Composition)
0 Credits  Weekly (0-0-0)
The Graduation Recital is a “main stage” juried, public concert that represents the culmination of the candidate’s studies in composition. In this recital, students exhibit personal compositional style, technical mastery, artistic prowess, musical imagination, and professionalism. In addition to the creation of the compositions and preparation of the scores and parts, students direct the rehearsals, prepare the printed programme and provide the posters, and coordinate with production and recording technicians. 
Prerequisites: (MUSC 417 or MUSC 413) and MUSC 415 and MUSC 314. 
Co-requisites: MUSC 418.

MUSC-475
Marketing for the Professional Musician
3 Credits  Weekly (3-0-0)
This course offers the principles and the practical skills students need to successfully market themselves as professional musicians. Studies include theoretical foundations and proven strategies of marketing, promotion and audience development. A variety of projects, ranging from creating promotional material and a media kit to a concert or CD release, prepare students to effectively promote their unique brand. By the end of the course, students have a comprehensive, personal marketing plan. 
Prerequisites: MUSC 361 or MUSC 271.

MUSC-476
Health Issues and the Professional Musician
3 Credits  Weekly (3-0-0)
The study, practice, performance, creation, and production of music necessitate repetitive processes that make musicians prone to a number of physical and mental ailments. Students identify and understand common ailments that frequently affect professional musicians, examine the importance of physical and mental fitness in the prevention of these ailments, and investigate a variety of resources, techniques and strategies to manage and/or cope with stresses inherent to the profession. 
Prerequisites: MUSC 361 or MUSC 271.

MUSC-482
Independent Study
3 Credits  Weekly (0-0-1)
This course presents an opportunity for fourth-year students who wish to pursue in-depth advanced studies in their primary area of interest (research and writing, composition, performance, recording). With the guidance of a faculty supervisor, students will produce a publishable document suitable to the discipline under study as the primary outcome of this course. Students are required to submit a formal proposal and obtain the written approval of the chair of music in order to be eligible to enroll in this course. Note: Upon successful completion of the first attempt at MUSC 482 and permission from the chair of music in consultation with the faculty supervisor, students may repeat this course for credit in order to continue and develop their projects. 
Prerequisites: 90 credits of BMus courses including MUSC 123 and 124.

MUSC-498
Performance Ensemble
1.5 Credits  Total (0-0-45)
MUSC 498 fulfills the performance ensemble requirement in Term VIII of the Bachelor of Music. Through focused independent practice, weekly rehearsals and public performances, this course provides each student the opportunity to develop and interpret repertoire drawn from jazz and contemporary popular music. Based on an audition process, students are placed in an appropriate ensemble under the directorship of a music faculty member. The ensembles vary in instrumentation and size, which are determined by stylistic specificity and repertoire. 
Note: MUSC 498 is required only for the BMus Performance major, and is optional for the Composition and General routes. 
Prerequisites: MUSC 498.

NURS-150
The Discipline of Psychiatric Nursing
3 Credits  Weekly (3-0-0)
Historical, current and future perspectives of the disciplines of nursing and psychiatric nursing are introduced. Nursing and psychiatric nursing as a science, art, discipline and professional practice are discussed. Selected theories and models are explored, focusing on philosophical viewpoints and their influence on knowledge and practice. The roles, scope and standards of psychiatric nursing practice are examined from provincial, national and international perspectives, as well as in terms of organizations and legislation. The professional code of ethics and approaches to ethical decision making are introduced. Thinking processes related to the discipline are developed.
NURS-170
The Discipline of Nursing
4 Credits Weekly (4-0-0)
Historical, current and future perspectives of nursing are introduced. Nursing as an art, a science, a profession, and a discipline are discussed. Selected theories and models are explored, focusing on philosophical viewpoints, the scope of inquiry, and their influence on nursing practice and the development of nursing knowledge. Thinking processes such as critical thinking, problem-solving and decision making are identified and developed. Roles, settings, professional organizations, legislation, scope of practice, and standards for professional nursing practice are examined from provincial, national, and international perspectives. Nursing codes of ethics and approaches to ethical decision making are introduced.

NURS-175
Nursing Practice Foundations
5 Credits Total (30-30-75)
In this course, foundational nursing practice knowledge and skills are acquired and integrated within classroom, laboratory, simulation and practice settings with an individual patient/client. The nursing process is introduced and applied to the provision of basic nursing care in order to promote health, safety and comfort. Developmental and physiological factors that impact activities of daily living across the lifespan are discussed. Students utilize communication skills to develop nurse-patient/client relationships, establish professional boundaries, and interact with other health care providers in the organization and implementation of care.
Prerequisites: Minimum grade of C- in NURS 170 and HLST 152.

NURS-251
Nursing Care, Diverse Populations
4 Credits Weekly (3-2-0)
Students develop knowledge, skills and attitudes for evidence-informed, culturally sensitive, age appropriate, holistic nursing care with persons from diverse populations who experience acute or chronic alterations in health. Students incorporate selected nursing theories and models as a framework for understanding illness experiences and the promotion of health and healing. Management and alleviation of symptoms and capacity building are discussed with perspectives of mind-body experiences of illness. Teaching and learning principles are applied to health promotion, illness/injury prevention and explanations of care to individuals and families. Reflection on and evaluation of individualized nursing care are promoted through practice scenarios and contextual simulations. Best practice guidelines, current evidence and legal-ethical considerations are emphasized. Students examine roles of the health team and intersectoral members for optimal provision and transition of care across settings. Note: Students can obtain credit in only one of NURS 251 or NURS 256 or NURS 270.
Prerequisites: Minimum grade of C- in PNRS 155, PSYC 104 and PSYC 105. Prerequisites or Co-requisites: HLSC 220, HLSC 222, NURS 252.

NURS-252
Health Assessment Across the Lifespan
4 Credits Weekly (3-3-0)
Students develop knowledge, skills and attributes for a holistic health assessment of individuals across the lifespan. Health history taking, physical and contextual assessments, information retrieval and data appraisal, communication techniques, and documentation of findings are incorporated into assessment of health. Using a socio-environmental approach, consideration is given to alterations in health and evaluation of nursing, medical and pharmacological interventions, as well as development of health promotion strategies. Students integrate the unique and shared experiences of patients/clients. Students develop and demonstrate skills in history taking, interviewing and physical examination with individuals. Critical thinking and clinical reasoning are developed through participation in laboratory, classroom and simulation activities.
Prerequisites: Minimum grade of C- in HLST 154, and either NURS 175 or PNRS 152. Prerequisites or Co-requisites: HLSC 220 and HLSC 222.

NURS-253
Nursing Practice, Diverse Populations I
5 Credits Total (10-0-143)
Students plan, implement, coordinate, and evaluate nursing care for clients experiencing chronic and/or stable acute alterations in health. Theories, knowledge, current evidence, and a broad range of skills for nursing practice are incorporated to provide culturally sensitive, age-appropriate, evidence-informed, holistic nursing care. Clinical nursing skills are applied to promote optimal health and to evaluate, intervene, and advocate for persons with alterations in health status. Collaboration with the client, family, and interprofessional and intersectoral team members is incorporated.
Prerequisites: Minimum grade of C- in HLSC 220, HLSC 222, NURS 251, NURS 252, and PNRS 252.
NURS-255  
Nursing Practice, Diverse Populations II  
5 Credits  
Total (10-0-143)  
Students build on the knowledge and skills attained in NURS 253, with an emphasis on holistic care and evidence-informed practice. The nursing focus is on promotion of optimal wellness and provision of safe, competent, ethical nursing care for clients experiencing chronic and/or acute alterations in health, working with situations of increasing complexity. Critical thinking, problem solving, and ethical reasoning are enhanced. Collaboration with the client, family, and interprofessional and intersectoral members continues.  
Prerequisites: Minimum grade of C- in NURS 253.

NURS-270  
Nursing Care Across the Lifespan  
4 Credits  
Weekly (3-2-0)  
Students develop knowledge, skills and attributes in order to provide evidence-informed nursing care for individuals and families across the lifespan with chronic and/or stable acute alterations in health. Selected nursing theories and models are incorporated as a framework for understanding illness experiences and the promotion of health and healing and capacity-building using such strategies as practice scenarios, contextual simulations and reflection on practice. Management and alleviation of symptoms are discussed within a mind-body-spirit perspective. Principles of client education and person-centred care are applied to promote health and prevent illness/injury. The role of the nurse within the interprofessional team is explored for provision and transition of care across settings.  
Prerequisites: Minimum grade of C- in HLST 154, NURS 175, PSYC 104, and PSYC 105.  
Prerequisites or Co-Requisites: HLSC 220, HLSC 222, NURS 252.

NURS-272  
Mental Health Nursing  
3 Credits  
Weekly (3-0-0)  
Knowledge, skills and attributes are attained for evidence-informed, ethical, culturally relevant, age-appropriate, holistic nursing care with persons who experience acute or chronic alterations in mental health. Lifespan issues and alterations are examined for children, adolescents, adults and older adults. Theories and models are incorporated as a basis for understanding mental illness experiences and promoting mental health and healing. The impact of sociocultural influences on the client, health system, communities, and the role of the nurse are discussed. The role of the nurse is explored using a primary healthcare lens. Societal, legislative and economic issues are examined in relation to individual, family and community across the continuum of care.  
Prerequisites: Minimum grade of C- in NURS 253.

NURS-275  
Nursing Practice I Across the Lifespan  
5 Credits  
Total (10-0-143)  
Students plan, implement, coordinate and evaluate nursing care for persons experiencing, or at risk for, chronic or acute alterations in mental health in a variety of settings. Nursing theories, knowledge, current evidence and a diverse range of skills are incorporated to provide culturally sensitive, age-appropriate, evidence-informed nursing care. Communication and assessment skills are used to recognize and initiate early interventions to promote mental health, and to evaluate and intervene for persons with alterations in mental health status. Collaboration with patients/clients, family, interdisciplinary and intersectoral members is emphasized, including access and use of community health resources.  
Prerequisites: Minimum grade of C- in HLSC 220, HLSC 222, NURS 252, NURS 270 and NURS 272.

NURS-277  
Nursing Practice II Across the Lifespan  
5 Credits  
Total (10-0-143)  
Students build on the knowledge and skills attained in NURS 275, including application of evidence to practice. The focus continues on patients/clients experiencing chronic and/or stable acute alterations in health. Critical thinking, problem solving and ethical reasoning are further developed for provision of safe, competent and ethical nursing care. Collaboration with patients/clients, families and health care professionals is incorporated.  
Prerequisites: Minimum grade of C- in NURS 275.

NURS-279  
Nursing Practice Mental Health Nursing  
5 Credits  
Total (10-0-143)  
Students plan, implement, coordinate and evaluate nursing care for persons experiencing, or at risk for, chronic or acute alterations in mental health in a variety of settings. Nursing theories, knowledge, current evidence and a diverse range of skills are incorporated to provide culturally sensitive, age-appropriate, evidence-informed nursing care. Communication and assessment skills are used to recognize and initiate early interventions to promote mental health, and to evaluate and intervene for persons with alterations in mental health status. Collaboration with patients/clients, family, interdisciplinary and intersectoral members is emphasized, including access and use of community health resources.  
Prerequisites: Minimum grade of C- in NURS 275.
COURSE DESCRIPTIONS

NURS-341
Nursing Research Processes
3 Credits Weekly (3-0-0)
Fundamental concepts, components and methodologies of research are examined. Qualitative and quantitative approaches are differentiated and discussed in relation to development of knowledge. Novice research skills for application and evaluation are attained. Historical and current perspectives of nursing science are discussed, including the interplay among development, dissemination and implementation of knowledge. Ethical issues, clinical and statistical significance, and implementation of evidence-based practice are integrated. Discovery, teaching, application and integration are introduced as dimensions of scholarship within the domains of nursing practice.
Prerequisites: RN or RPN & minimum grade of C- in a 3-credit 100 or 200-level university statistics course OR minimum grade of C- in NURS 277 & NURS 279 OR NURS 255 & PNRS 255 & PNRS 259 AND a 3 credit 100 or 200-level university statistics course.

NURS-344
Fundamentals of Nursing Research
3 Credits Weekly (3-0-0)
The focus of this course is on the fundamental concepts, methods, and processes of research in nursing and health. Qualitative and quantitative approaches are introduced and discussed in relation to the development of knowledge for nursing practice. Emphasis is placed on reading, understanding, and systematically evaluating research to inform nursing practice. The ethical conduct of research is addressed.
Prerequisites: Minimum grade of C- in NURS 277, NURS 279 and a 100 or 200 level statistics course.

NURS-370
Nursing Care of the Acutely Ill Across the Lifespan
4 Credits Weekly (3-2-0)
Knowledge, skills and attributes are acquired and applied for evidence-informed nursing care with diverse individuals and families, who are experiencing acute and complex alterations in health. Selected nursing theories and models are used as a framework to guide nursing practice and facilitate the promotion of health and healing from a population health perspective. Management and alleviation of symptoms are discussed with perspectives of body-mind-spirit related to alterations in health across the lifespan. Integration of capacity building, health assessment, effective communication, teaching/learning, collaborative decision making, and critical thinking guide nursing practice. Discussions, practice scenarios, and simulations are utilized to enhance priority setting and formulation of nursing interventions related to care of patients/clients experiencing acute and complex health alterations.
Prerequisites: Minimum grade of C- in NURS 277 and NURS 279.

NURS-372
Nursing Care of Families with Young Children
4 Credits Weekly (3-2-0)
Knowledge, skills and attributes are acquired and applied for evidence-informed nursing care with families during preconception, pregnancy, labour, delivery, postpartum, and childrearing from birth to adolescence. Selected developmental and family theories, community resources and population health perspectives/programs are integrated to promote health and facilitate family capacity. Trends and issues in childbearing and childrearing are explored from multiple perspectives.
Prerequisites: Minimum grade of C- in NURS 277 and NURS 279.

NURS-375
Nursing Practice: Nursing Care of Acutely Ill Across the Lifespan
5 Credits Total (10-0-143)
Students integrate evidence-informed knowledge to guide nursing care with individuals and families experiencing alterations in health within acute care settings. Students promote health and healing, and respond appropriately to alterations in health status. Integration of diverse skills, including health assessment, effective communication, teaching/learning strategies/principles, participatory decision making, and critical thinking, will guide nursing care. Utilization of reflective practice combined with organization and priority setting directs the student to provide safe, competent, and ethical nursing care. Students become increasingly self-directed in the provision of collaborative care with the individual/family, intersectoral groups, and transdisciplinary team members.
Prerequisites: Minimum grade of C- in NURS 344, NURS 370, NURS 372 and HLST 354.

NURS-377
Nursing Practice: Nursing in the Community
5 Credits Total (10-0-143)
Students integrate knowledge and skills into the practice of community nursing in a variety of settings. Students apply selected theories, knowledge, and current evidence while collaborating with individuals, families, groups/aggregates, and communities. Assessment, planning, and intervention strategies are utilized to promote individual and population health. Intersectoral, interprofessional and community collaboration are emphasized.
Prerequisites: Minimum grade of C- in HLST 354, NURS 344, NURS 370 and NURS 372.
NURS-379  
Nursing Practice: Nursing Care of Families with Young Children  
5 Credits  
Total (10-0-143)  
Students integrate knowledge and diverse skills into nursing care of families through preconception to childbearing and childrearing. Students apply selected theories, knowledge, and current evidence; use extended communication, assessment and psychomotor skills; and collaborate with family and interprofessional team members to assess, intervene and promote health in families with children. Intervention strategies and modalities are implemented in a variety of settings.  
Prerequisites: Minimum grade of C- in HLST 354, NURS 344, NURS 370 and NURS 372.  

NURS-420  
Evidence and Inquiry in Nursing Practice  
3 Credits  
Weekly (3-0-0)  
Students pursue an in-depth research project. Students develop the ability to search for and synthesize relevant evidence, and create a product for potential dissemination related to a practice/research question. Students analyze the influence of the evidence-informed movement in nursing and health on clinical judgment, decision-making, and knowledge transfer.  
Prerequisites: Minimum grade of C- in NURS 375, NURS 377 and NURS 379. Plus consent of the department.  

NURS-422  
Living With Chronicity  
3 Credits  
Weekly (3-0-0)  
Students expand their knowledge of individuals and families experiencing chronic health conditions including social, political and societal perspectives. Self management and quality of life theories and models are examined for individuals and populations experiencing chronicity across the life span. Trends and issues, including health maintenance challenges, planning, delivery and utilization of health care resources are discussed using stakeholder experience and evidence. Students explore the role of the registered nurse in promoting self-management and preventive care within an inter-professional collaborative team.  
Prerequisites: Minimum grade of C- in NURS 375, NURS 377, and NURS 379.  

NURS-424  
High Priority Populations  
3 Credits  
Weekly (3-0-0)  
Students broaden and deepen their understanding of health care issues affecting high priority populations. The focus is on groups, aggregates and populations experiencing inequalities and exclusion related to the social determinants of health. Utilizing theories, evidence, and stakeholder experience, students develop and apply strategies that foster resiliency through building capacity, promoting health, reducing harm, and advocating for primary health care at the individual, family, community and policy level. Resiliency of the registered nurse working with high priority populations is explored through the means of theory and self assessment.  
Prerequisites: Minimum grade of C- in NURS 375, NURS 377, and NURS 379.  

NURS-426  
Perspectives of Trauma and Injury  
3 Credits  
Weekly (3-0-0)  
Students explore themes and concepts related to trauma and injury across the lifespan. Trauma and injury are further examined from multiple perspectives that affect individuals, aggregates, and communities. The core concepts and complex issues of trauma nursing care are examined. Prevention, risk assessment, and harm reduction are analyzed as they relate to government legislation, inter-sectoral policy development and the determinants of health. Students examine interprofessional collaboration within local, provincial, national, and international injury and trauma programs.  
Prerequisites: Minimum grade of C- in NURS 375, NURS 377, and NURS 379.  

NURS-428  
Perspectives of Life-Threatening and Critical Illness  
3 Credits  
Weekly (3-0-0)  
Students discuss themes and examine concepts related to life-threatening illness across the continuum of health, healing, rehabilitation, and end of life care. Health promotion, injury/illness prevention, and risk assessment are discussed within the context of critical illness and prevalent risks and factors of critical illness are examined. Students have the opportunity to explore an area of interest in further depth. A variety of perspectives are considered for promotion of best practices and evidence-informed nursing care, including patient/family-centered approach, safety, policy, quality improvement, ethical reasoning, quality of life, and inter-professional collaborative practice.  
Prerequisites: Minimum grade of C- in NURS 375, NURS 377, and NURS 379.  

NURS-432  
Transforming Health through Teaching and Learning  
3 Credits  
Weekly (3-0-0)  
Students work both independently and with faculty guidance to explore the role of education in professional nursing practice. Students analyze the theoretical underpinnings of philosophies and principles of education to enhance health and promote critical literacy. The impact of health education issues and trends are explored within the context of the learner-educator relationship. Students engage in a process of individual and collective learning to acquire salient knowledge, skills, and attributes related to the development of an evidence-informed teaching practice. The student is expected to develop, demonstrate, and evaluate teaching and learning approaches used across the lifespan within varying contexts and populations.  
Prerequisites: Minimum grade of C- in NURS 375, NURS 377, and NURS 379.
NURS-472  
Leadership in Nursing  
3 Credits  
Weekly (3-0-0)  
Principles, theories and competencies of leadership and followership are examined. Concepts of power, influence, and change are discussed in relation to formal and informal nursing leadership roles. Relevant theory, evidence, practices and principles are addressed. Personal, organizational and societal influences on leadership are examined, emphasizing the leadership role of nurses within the healthcare system.  
Prerequisites: Minimum grade of C- in NURS 344 and HLST 354.  

NURS-474  
Future Directions in Nursing  
3 Credits  
Weekly (3-0-0)  
Students develop an awareness of how trends and emerging issues from provincial, federal, and global perspectives influence the health care system, professional practice, and the discipline of nursing. Through collaborative learning and self-reflection, students examine diverse practice roles and settings, continuing education opportunities, and a variety of current trends and issues within the context of present and future implications for nursing. Students explore and develop a sense of self as a professional and personal strategies for future practice.  
Prerequisites: Minimum grade of C- in NURS 375, NURS 377, and NURS 379.  

NURS-475  
Ethics in Gerontology and Palliative Care  
2 Credits  
Total (30-0-0)  
Students undertake a comprehensive examination of the historical, philosophical and theoretical complexities of health ethics through the critical analysis of ethical frameworks and decision making models. These frameworks, along with an understanding of professional nursing standards, are applied to an advanced investigation of contemporary issues within gerontological and palliative care nursing.  

NURS-476  
Leadership in Care Management  
2 Credits  
Total (30-0-0)  
Students focus on the knowledge and skills nurses require for leadership within healthcare organizations in the care of gerontological or palliative care clients. Change management and conflict resolution within teams is examined. Case management tools and care pathways are explored in order to enhance nursing practice and to facilitate successful outcomes for these client groups.  
Prerequisites: Registered nurse, registered psychiatric nurse or consent of program.  

NURS-477  
Therapeutic Relations in Specialty Practice  
3 Credits  
Total (45-0-0)  
Students focus on the advancement of therapeutic relationship skills in application to palliative and gerontological client and family care. Theories and concepts within the therapeutic relationship are explored with an emphasis placed upon therapeutic assessment and nursing interventions. Family dynamics, culture, human diversity, conflict, grief and bereavement are key factors examined in gerontology and palliative client care relationships. Strategies are targeted to support and strengthen resilience and coping mechanisms of the client and family. As a foundation in client-family care, interprofessional collaboration is cultivated in the context of therapeutic relationship development.  

NURS-478  
Field Project  
1 Credit  
Total (0-0-30)  
Through development of a self-directed project, students engage in an opportunity to demonstrate an advanced level of mastery in specific subject matter related to either the specialty fields of gerontological or hospice palliative care nursing. In this focused study, students appraise, synthesize and integrate prior program theory, experiential learning, contemporary research, and evidence-based inquiry in the application of concepts specific to nursing practice. Students are responsible for the design of their project objectives, selection of project strategies and evaluation of the project under the supervision of faculty.  

NURS-479  
Nursing Practice: Professional Roles Influencing Care  
5 Credits  
Total (0-15-115)  
Students consolidate knowledge and skills as they begin the transition to registered nursing practice. Clinical practice experiences are selected to maximize readiness to practice, develop confidence and enable collaboration with interprofessional teams. Students integrate theories and knowledge related to nursing practice, ethics, leadership/followership, complexity science, and healthcare system trends. Students evaluate the influence of evidence, policy and legislation on decision-making practices in complex health systems using a solution-focused perspective. Students analyze relational capacity of self and others for leadership, conflict management, team building, and change management. Knowledge, assessment, critical inquiry, clinical judgment and best nursing practices are integrated.  
Prerequisites: Minimum grade of C- in NURS 472 and NURS 474.  

NURS-480  
Conceptualizing Gerontology  
2 Credits  
Total (30-0-0)  
Students examine concepts of the aging experience and explore health, transitions, self actualization, and independence in order to respond to the unique needs of the older individual. Along with this expanded knowledge, gerontological nursing competencies, standards and models of nursing practice enable the student to describe a personal framework of care delivery to older adults.  

NURS-481  
Optimizing Older Adult Health  
4 Credits  
Total (60-0-0)  
Health status changes in the older adult occur as a result of normal aging processes, individual environment adaptation, common health conditions and the presence of disease. Students assess and interpret these elements, develop appropriate nursing responses, and consider interprofessional team interventions in the management of acute and chronic disease. Students explore presenting signs and symptoms in their health assessment. Nursing care strategies reflect the inter-relationship between aging body systems, disease processes, and medication effects in order to optimize healthy aging. Student evaluate the resultant care strategies of current gerontological nursing research to support healthy aging care strategies.
Issues associated with pain management and complementary therapies used in pharmacological, non-pharmacological, and nonmalignant, and chronic conditions are examined. The impact of pain in malignant, end-of-life and caregiver issues are discussed within the context of dementia care. 

**Prerequisites:** Registered nurse, registered psychiatric nurse, or consent of program.

### NURS-484
**Pain Assessment and Management**

4 Credits  Total (60-0-0)

Students examine the multidimensional, interprofessional approach to the assessment and management of pain. The impact of pain in malignant, nonmalignant, and chronic conditions in the palliative and gerontological populations are explored. The use of pharmacological, non-pharmacological, and complementary therapies used in the management of pain are examined. Issues associated with pain management are addressed.

### NURS-485
**Palliative Symptoms**

4 Credits  Total (60-0-0)

Physical symptoms of concern in adult palliative care are addressed. Through a multidimensional, interprofessional approach, symptom assessment, etiology, interpretation, and treatments of symptoms are examined. The implications and treatment of common complications and palliative emergencies are explored. The physiological changes when approaching death are discussed. 

**Prerequisites:** Registered Nurse, Registered Psychiatric Nurse, or consent of program.

### NURS-489
**Nursing Practice: Preceptorship**

9 Credits  Total (0-0-375)

Students are prepared for the transition into registered nursing practice. Through a preceptorship practicum, students demonstrate knowledge, skills, attributes, confidence, competence and independence in nursing practice. Students appraise, synthesize and integrate theoretical and practical knowledge to demonstrate ethical reasoning, clinical judgement, moral competency, reflection and inquiry. Students exemplify flexibility, integrity and leadership attributes to manage ambiguity within a complex, dynamic health care system. 

**Prerequisites:** Minimum grade of C- in NURS 479.

### OAAAS-110
**Administrative Office Procedures I and Field Placement**

3 Credits  Total (40-0-20)

Students are introduced to the functions of selecting, hiring, training, and supervising office personnel. Students complete an office simulation team project. Students complete a 10-day field placement. 

**Prerequisites:** Successful completion of all Term I and Term II courses.

### OAAAS-120
**Office Technology II**

3 Credits  Weekly (4-0-0)

In this course, students focus on the preparation of business documents and the coordination of business activities. Topics include company research, research interviews, travel arrangements, conferences and meetings and other topics relative to a changing office. Students research, prepare, and present a report on a company in preparation for field placement. 

**Prerequisites:** OAAS 110.

### OAAAS-121
**Office Technology III**

3 Credits  Weekly (4-0-0)

Students attain an intermediate level of proficiency in word processing, spreadsheet and database applications. 

**Prerequisites:** OAAS 111.

### OAAAS-127
**Presentations and Web Pages**

3 Credits  Weekly (3-0-0)

Students develop effective presentations and create and maintain basic Web pages using specialized software.

### OAAAS-130
**Administrative Office Procedures III**

3 Credits  Total (40-0-20)

Students are introduced to the functions of selecting, hiring, training, and supervising office personnel. Students complete an office simulation team project. Students complete a 10-day field placement. 

**Prerequisites:** Successful completion of all Term I and Term II courses.

### OAAAS-131
**Office Technology III**

3 Credits  Weekly (4-0-0)

Students work at an advanced level in word processing and at intermediate level to advanced level with spreadsheets, database and other software applications. 

**Prerequisites:** OAAS 121.

### OADM-101
**Formatting and Presentations**

3 Credits  Weekly (3-0-0)

This course is a general introduction to keyboarding, word processing, spreadsheets and presentation software. Students demonstrate competency in preparing business correspondence and using email.
OADM-103
Word Processing for Legal Assistants
3 Credits Weekly (4-0-0)
Students attain an intermediate level of proficiency with current word processing software to produce and edit accurate business and legal documents. In addition, students create electronic folders and work with the computer operating system. Students are also expected to attain a minimum speed of 40 words per minute on a five-minute timing using a five-error cutoff.

OADM-112
Customer Communications and Service I
3 Credits Weekly (4-0-0)
Students focus on the oral and written communication skills applicable in today’s business environment with an emphasis on cross-cultural communication. Students compose and edit routine business correspondence. In addition, students prepare and present an informal report.

OADM-113
Document Formatting I
3 Credits Weekly (4-0-0)
Students develop intermediate skills in the production of business documents. Within specified timelines, students will apply formatting and proofreading skills to business documents, and transcribe correspondence from a digital recording. In addition, students are expected to attain a minimum speed of 40 words per minute on a five-minute timing using a five-error cut-off.

OADM-122
Customer Communications and Service II
3 Credits Weekly (3-0-0)
Students actively engage in job search techniques including the preparation of resumes, covering letters and a personal business portfolio. Students continue to develop their oral and business writing skills within a customer service environment.

Prerequisites: OADM 112.

OADM-123
Document Formatting II
3 Credits Weekly (4-0-0)
Students develop advanced skills in the production of business documents from rough draft, edited copy, and verbal instructions. Students are expected to attain a minimum speed of 45 words per minute on a five-minute timing using a five-error cut off.

Prerequisites: OADM 113 and OAAS 111.

OADM-124
Office Math Applications
1 Credit Weekly (2-0-0)
Students apply basic mathematical concepts in business and personal applications. Topics covered in this course include compiling petty cash expenses, preparing a petty cash envelope, calculating expense claims, completing bank reconciliation statements, calculating early payment discounts and differences between gross pay and net pay.

OALS-110
Legal Office Procedures I
3 Credits Weekly (4-0-0)
This course introduces students to basic theory and procedures needed for working in a legal office. Topics include the role of the legal assistant, telephone techniques, filing techniques and systems, preparation of statements of account, preparation of legal documents and correspondence. In addition, students learn about the importance of confidentiality.

OALS-111
Word Processing
3 Credits Weekly (4-0-0)
Students attain an intermediate level of proficiency with current word processing software to produce and edit accurate business and legal documents. In addition, students create electronic folders and work with the computer operating system.

OALS-112
Customer Communications and Service
3 Credits Weekly (4-0-0)
In preparation for success in the changing business world, this course focuses on customer service, basic business correspondence, preparation for meetings and roles and responsibilities in meetings. In addition, students actively engage in job search techniques including the preparation of resumes, covering letters and a personal business portfolio.

Prerequisites: Successful completion of all Term I and Term II courses.
OAMS-132
Conveyancing Procedures in the Law Office
3 Credits  
Weekly (4-0-0)
In this course, students learn basic theory and practical procedures of the law governing conveyancing. Students apply the theory and practice to complete both a sale and a purchase of a residential property.

OAMS-110
Medical Office Procedures I
3 Credits  
Weekly (4-0-0)
Students explore the changing role of the Medical Office Assistant with an emphasis on communication, telephone techniques, and medical office procedures. Students discuss ethical and professional standards as well as relevant Acts and Legislations. In addition, students study the concept of cultural diversity and practices within a medical environment.

OAMS-111
Office Technology and Skill Development I
3 Credits  
Weekly (4-0-0)
Students create and manage electronic files and work with email and Windows. Students attain an intermediate level of competency in word processing and develop skills in formatting documents using current software. In addition, students achieve a minimum typing speed of 35 net words per minute on a five minute timing, using a five error cut off.

OAMS-112
Customer Communications and Service
3 Credits  
Weekly (4-0-0)
In preparation for success in the changing business world, this course focuses on customer service, basic business correspondence, preparation for meetings and roles and responsibilities in meetings. In addition, students actively engage in job search techniques including the preparation of resumes, covering letters and a personal business portfolio.

OAMS-113
Medical Terminology I
3 Credits  
Weekly (3-0-0)
Students analyze the language and terms used to refer to body systems and the related pathology and medical procedures. Emphasis is placed on spelling and understanding terminology through word building. Students apply knowledge of medical terminology to read and understand medical documentation.

OAMS-114
Pharmaceutical Terminology
3 Credits  
Weekly (3-0-0)
This course is an introduction to basic pharmaceutical terminology. Students focus on the pharmaceutical terminology related to their administrative duties as medical office assistants and unit clerks.

OAMS-120
Medical Office Procedures II
3 Credits  
Weekly (4-0-0)
This course focuses on appointment scheduling, medical billing using specialized software, and records management. The students build on the skills developed in Medical Office Procedures I, and practice advanced medical office procedures.

Prerequisites: OAMS 110.

OAMS-121
Office Technology and Skill II
3 Credits  
Weekly (4-0-0)
Students work with spreadsheets, database and presentation software in the preparation of business documents and presentations. In addition, students achieve a minimum typing speed of 40 net words per minute on a five minute timing, using a five error cut off.

Prerequisites: OAMS 111.

OAMS-123
Medical Terminology II
3 Credits  
Weekly (3-0-0)
This course provides students with further knowledge of medical terminology and the pathology and medical procedures related to each body system studied. Students apply knowledge of medical terminology to read and understand medical reports. Emphasis is placed on spelling and understanding terminology through word building.

Prerequisites: OAMS 113.

OAMS-126
Medical Transcription
3 Credits  
Weekly (4-0-0)
Students develop the skills and knowledge necessary to accurately transcribe a variety of medical reports from audio. Students incorporate their knowledge of medical and pharmaceutical terminology, medical abbreviations, punctuation and grammar. Emphasis is placed on development of transcription speed and proofreading skills.

Prerequisites: OAMS 113 and OAMS 114.

OAMS-127
Unit Clerk
2 Credits  
Weekly (3-0-0)
This course prepares students to work as a Unit Clerk or Clerk within a hospital or a medical office setting. Students learn how to transcribe doctors' orders, to support the manager and other health care professionals in various administrative tasks, and to perform other required duties within a clinical nursing unit or within a medical office administrative setting.

Prerequisites: OAMS 113 and OAMS 114.

OAMS-128
Office Math Applications and Basic Bookkeeping
2 Credits  
Weekly (2-0-0)
Students apply basic mathematical concepts in business and personal applications. Topics include compiling petty cash expenses, preparing a petty cash envelope, calculating expense claims, completing bank reconciliation statements, calculating early payment discounts and differences between gross pay and net pay. In addition, bookkeeping terminology and its application are covered.

OAMS-129
Medical Office Procedures III
3 Credits  
Weekly (4-0-0)
This course focuses on the practical experience in preparation for work in a variety of medical office and hospital environments. Students learn health and safety regulations, infection control principles, first-aid techniques necessary to work in a clinical environment. Students continue to increase proficiency in medical and pharmaceutical terminology, requisitioning of medical tests or procedures, office technology, keyboarding and transcription skills. As well, students will demonstrate professional behaviour and attire.

Prerequisites: ENG 111, OAMS 114, OAMS 128, OAMS 120, OAMS 121, OAMS 123, OAMS 126, OAMS 127.
OAMS-134
Medical Major - Field Placement
3 Credits Total (0-0-120)
This course focuses on practical application of the skills required in the operation of medical environments (such as doctor’s office, clinic, hospital, or government medical department) through a three week field placement. 
Note: In order to participate in the Medical Major Field Placement, students must have completed all Term 1 and Term 2 courses as well as OAMS 130 Medical Office Procedures III, and present a minimum of a 2.0 GPA.  
Prerequisites: All term 1 and term 2 courses.

OCCH-300
Introduction to Occupational Health Nursing
3 Credits Total (45-0-0)
Students are introduced to the field of occupational health nursing through examination of basic concepts in this nursing specialty. The history of occupational health is explored with emphasis on defining the occupational health nurse’s role in occupational health environments. Roles and functions of the occupational health and safety team are discussed as well as the relationships between its members. Standards and competencies that apply to this field of nursing are addressed and government legislation which influences occupational health programs is examined.  
Assessment of workers and their work environments is introduced.

OCCH-301
Occupational Environments
4 Credits Total (60-0-0)
Students examine the relationship between workers and their working environment. Students explore the philosophy of identifying, evaluating, and controlling occupational stressors that affect the health of workers. Health hazards produced by physical, chemical, biological, and ergonomic stressors are addressed. Canadian provincial legislative and regulatory requirements concerning the work environment are discussed. As well, basic principles of accident prevention are identified.

OCCH-302
Occupational Health Screening
4 Credits Total (45-0-30)
Examines current best practices in occupational health screening and the role of the occupational health nurse in their application. Students perform venipuncture and screening tests including audiometry, spirometry, and vision and review and apply the results of testing to occupational health programs in the workplace.

OCCH-303
Field Experience in Occupational Health Nursing
2 Credits Total (15-0-60)
Students engage in practical learning experiences to increase their awareness of the variability of the occupational health and safety field. Through actual work site placements and virtual workplace activities, students relate occupational health and safety concepts to practice to gain an understanding of the range of settings and scope of practice for occupational health nurses. 
Prerequisites: OCCH 300.

OCCH-304
Occupational Health Program Development
3 Credits Weekly (3-0-0)
Students are provided with the foundational knowledge that enables them to develop and manage occupational health services and programs. The process of assessment, planning, implementing and evaluating programs is addressed. Students examine policy and procedure development within an occupational health program. Business skills required by employers such as business plan preparation, strategic planning, and marketing are examined.

OCCH-305
Disability Management
3 Credits Total (45-0-0)
The occupational health nurse (OHN) student is provided with the foundational knowledge required to develop and manage a comprehensive and effective disability management program. Students examine the basic principles and concepts required to plan, develop, and evaluate programs that are aimed at controlling the economic and human costs of disabilities in the workplace. The focus of this course is on the role of the OHN and the processes for claims management, case management and return to work management. Roles and responsibilities of the disability management team and the collaborative approach are discussed. Injury prevention, education, worker accommodation, absenteeism control, and employee assistance programs are addressed. After completing the course, students have the basic knowledge required to manage injuries and illnesses in the workplace that result in workers' compensation, short term disability, or long term disability claims.

OCCH-306
Trends and Issues in Occupational Health
3 Credits Total (45-0-0)
Students examine current occupational health trends and issues as they relate to the occupational health nurse’s role. Professional practice issues such as quality improvement, independent practice and pandemic management are addressed. A number of topics relevant to today’s practice, such as substance abuse testing in the workplace, utilization of technology, the impact of worker demographics in the workplace and organizational fitness and wellness are examined. In addition, change management, leadership and ethical decision-making are discussed as they relate to the occupational health nurse’s responsibilities in contemporary times. 
Prerequisites: OCCH 300.

OCCH-307
Occupational Toxicology
3 Credits Total (45-0-0)
Students are introduced to the principles of toxicology as they relate to the working environment. Substances such as pesticides, solvents, metals, gases, and particulates are discussed. The effects of these substances on reproduction and carcinogenesis are addressed. The student is also introduced to the principles of epidemiology.
OCCH-308
Health Surveillance
3 Credits
Total (45-0-0)
Students examine occupational health surveillance concepts and the professional, legal and ethical responsibilities of the occupational health nurse in the workplace. Topics include program development for surveillance of workers exposed to physical, chemical, biological, ergonomic and psychosocial health hazards related to occupational illness and injury, as well as emerging disorders. The nurse's role in the provision of primary care, emergency preparedness and disaster planning is examined.
Prerequisites: OCCH 301.

OCCH-309
Occupational Health Nursing: Final Project
2 Credits
Total (0-0-75)
Students assess their learning throughout the Occupational Health Nursing (OHN) program, and translate it to new, more advanced situations and roles for the OHN. Students use connections made between the courses taken and the field of practice to enhance their understanding of the occupational health nurses role as a leader in informing and influencing occupational health and safety. Students consider the local, national or international level in one of the following areas: research, policy development, education, business and strategic leadership, or consulting. Through research students examine how the occupational health nurses contribute or can contribute in an advanced role. Students are responsible for the identification of their specific project under the guidance of faculty.
Prerequisites: OCCH 303, OCCH 304, OCCH 305, OCCH 306, OCCH 307 and OCCH 308.

OOSC-200
School Age Care and Development
3 Credits
Total (45-0-0)
Students examine the role of the child care professional and the goals and philosophy of school age care programs for children ages 6 to 12. Students learn about the school age child, their developmental characteristics, interests and capabilities. Students apply this knowledge to developing play experiences for the school-age child in a group care setting. Students discover and explore recreational and educational resources in the community. An overview of current legislation, standards and professional qualifications that support quality school age programs is included.
Prerequisites: ECDV 155, ECDV 160, ECDV 165, ECDV 170, ECDV 175, ECDV 210, ECDV 201. Non-program students must provide evidence of knowledge/coursework in prog planning, child devel, human relations, and work with school age children in a group setting.

ORGA-201
Introduction to Management
3 Credits
Weekly (3-0-0)
This course focuses on the nature and structure of work organizations and how people function in these environments. Topics include decision making, planning, organizing, controlling, leadership, organizational design and structure, communication, teams, motivation, conflict, change and strategy. Restricted to Bachelor of Commerce, Asia Pacific Management, and Business Studies Minor students.
Prerequisites: ECON 102.

ORGA-233
Organizational Effectiveness and Change
3 Credits
Weekly (3-0-0)
Students explore the role of human resources management professionals in facilitating change and developing human capital. Students identify current theories, concepts and processes related to organizational effectiveness, organizational development and change management. Working with case studies, students analyze particular organizational settings and formulate appropriate change and effectiveness strategies. Note: Credit may be obtained in only one of ORGA 233 or ORGA 433.
Prerequisites: HRMT 160 and MGMT 122.

ORGA-310
Advanced Leadership Topics and Issues
3 Credits
Weekly (3-0-0)
This course will examine traditional and contemporary leadership theories and models. Contemporary issues and approaches in leadership will be explored and supported through theoretical and practical application of professional skills. Key leadership concepts are applied in a case format in which students will develop and implement a personal leadership plan.
Prerequisites: ORGA 201 and BUSN 201.

ORGA-314
Managing Negotiation
3 Credits
Weekly (3-0-0)
Students explore theoretical concepts that support practical training in the key competencies required for negotiating in day-to-day situations. Students demonstrate and apply negotiating skills and concepts in field research situations. Topics include negotiating strategies, opening negotiating tactics, making concessions, closing negotiating tactics, managing conflict, and ethical considerations when negotiating.
Prerequisites: ORGA 201 or HRMT 200 and MGMT 122.

ORGA-316
Contemporary Organizational Behaviour and Theory
3 Credits
Weekly (3-0-0)
Students apply contemporary organizational behaviour concepts and organizational theory to study topics in private, public, and non-profit organizations. The topics include organizational governance, changing nature of work, managing diversity, organizational design, managing and developing organizational culture. Students study organizational structures and explore how an individual's behaviour in an organization impacts the organization's ability to achieve its objectives.
Prerequisites: ORGA 201 and BUSN 201.
**ORGA-320**

**Sensemaking in Success**
3 Credits  
Weekly (3-0-0)

Sensemaking is more than ever needed since our world is increasingly complex, making it challenging to us to understand it in a coherent way. The rapidly changing environment presents us with surprises to which we are often unprepared. Sensemaking is about making sense of the context in which we are operating; it is the process of structuring the unknown to comprehend, understand, predict and act.

This course is structured around fundamental concepts concerning how we view organizations, and the application of these concepts to areas of action crucial to contemporary businesses. Organizations can be viewed as enacted systems, where humans are continually shaping the structures that influence their actions. In essence, we create the systems that then create us. In this course students examine the nature of sensemaking through guided experiential practice to improve management practice. Sensemaking is an invaluable and learned managerial skill-set related directly to several areas of business activity which enables us to become better leaders.

*Prerequisites: ORGA 201 or MGMT 122.*

**ORGA-330**

**Managerial Skill Development**
3 Credits  
Weekly (3-0-0)

Students explore theoretical concepts that support practical training in the key competencies required for managerial success. Student demonstration and application of managerial skills and concepts in field research situations are important components of this course.

*Prerequisites: ORGA 201 or MGMT 121 and MGMT 122.*

**ORGA-412**

**Intrapreneurship, Innovation and Creative Problem Solving**
3 Credits  
Weekly (3-0-0)

Students analyze and discuss theories, principles, concepts and practices of entrepreneurship within organizations – intrapreneurship. Students research and analyze current trends, organizational challenges to innovation, creativity, and opportunities in developing intrapreneurship in organizations. Students also analyze the theories, nature, and dynamics of implementing change in organizational culture and the impact of an organization’s adoption of an intrapreneurship strategy.

*Prerequisites: ORGA 201 and BUSN 201.*

**ORGA-414**

**Introduction to Public Affairs - Government and Regulatory Issues**
3 Credits  
Weekly (3-0-0)

In this course, students focus on government and regulatory processes impacting the non-profit and public sectors. Students study the public policy development process and the role of non-profit organizations in shaping public policy and regulation. The impact of public policy and regulation on organizations is discussed in context of the regulatory and reporting requirements imposed by governments on organizations in the non-profit and charitable sector.

*Prerequisites: LENP 300 or BUSN 201.*

**ORGA-422**

**Contemporary Issues in Management**
3 Credits  
Weekly (3-0-0)

Students analyze and explore current complex social, technological, or legal issues in management; they explore the potential responses firms and other institutions have to issues in management. Students integrate and apply concepts, philosophies, and methods learned throughout the program to understand, analyze and render appropriate strategic and ethical judgments concerning the general management of organizations in today’s global context.

*Prerequisites: ORGA 316.*

**ORGA-433**

**Managing Change**
3 Credits  
Weekly (3-0-0)

Students study the conceptual frameworks of organizational development and change. The dynamics of change, implementation considerations, and understanding and managing resistance to change are analyzed. Students apply theory to case studies and develop tools to lead and navigate change situations.

*Prerequisites: ORGA 316.*

**ORGA-497**

**Special Topics in Management**
3 Credits  
Weekly (0-0-3)

This course involves reading, discussing and critically evaluating current research on specialized topics of interest to senior students in the Bachelor of Commerce. Topics covered vary with the interests of students and faculty and may include an applied field research component in business, government or community. Students should consult with faculty members in the Department of Organizational Behaviour, HRM, Management and MIS for details regarding current offerings. This course can be taken twice for credit.

*Prerequisites: Minimum of C- in one 300 level ORGA course and consent of the department chair or designate.*

**ORGA-498**

**Independent Studies in Management**
3 Credits  
Weekly (0-0-3)

In consultation with and supervised by a member of the department or an approved professional in the community, a senior student undertakes advanced scholarly work related to the field of management. The faculty member guides the student in designing and undertaking this work, using appropriate assumptions and methods to arrive at warranted conclusions and outcomes that will advance management knowledge or practice. **Note:** This course can be taken twice for credit.

*Prerequisites: Consent of the course instructor and the department chair.*
PABA-486
Behavioural Interventions in Developmental Disabilities
3 Credits Weekly (3-0-0)
This course examines the application of behaviour analysis in practice with developmental disabilities, specifically in autism. The course examines the research and the clinical recommendations for behavioural interventions in practice. The course also discusses the practice guidelines by the BACB and the National Standards Project in Autism.
Prerequisites: A minimum grade of C- in PSYC 385

PACT-103
Physical Fitness
3 Credits Weekly (2-1-0)
This is an experiential and lecture course designed to provide participants with a working understanding of health and physical fitness, in addition to the basic concepts for development and measurement. The interrelationships of food, nutrition, weight and activity is studied, researched and evaluated on a personal basis. (Note: May not be taken for credit if credit was obtained for HEED 220).

PACT-110
Introduction of the Basics of Aquatics
3 Credits Weekly (0-3-0)
In this course, students acquire theoretical knowledge and personal skills used in the instruction of the basics of aquatics.
Prerequisites: The ability to swim 25 meters.

PACT-111
Introduction of the Basics of Basketball
3 Credits Weekly (0-3-0)
In this course students acquire theoretical knowledge and personal skills used in the instruction of the basics of basketball.

PACT-114
Introduction to Ice Hockey
3 Credits Weekly (1-2-0)
Acquisition of theoretical knowledge and personal skills used in the instruction of the basics of ice hockey. Note: Students must have average to above average skating ability. Students must provide their own skates, sticks, hockey gloves, helmets, elbow pads and shin pads.

PACT-118
Instruction of Soccer
3 Credits Weekly (0-3-0)
In this course students will acquire theoretical knowledge and personal skills used in the instruction of the basics of soccer.

PACT-131
Instruction of the Basics of Badminton
3 Credits Weekly (0-3-0)
Students acquire theoretical knowledge and personal skills used in the instruction of the basics of badminton. Students must supply their own racquets and shuttlecocks.

PACT-133
Instruction of Squash
3 Credits Weekly (0-3-0)
In this course students acquire theoretical knowledge and personal skills used in the instruction of the basics of squash.

PACT-137
Instruction of the Basics of Volleyball
3 Credits Weekly (0-3-0)
Students acquire theoretical knowledge and personal skills used in the instruction of the basics of volleyball.

PACT-145
Golf
1.5 Credits Weekly (0-3-0)
In this course, students acquire theoretical knowledge and personal skill in driving, chipping, pitching and putting. This course requires the payment of additional fees. Students must provide their own equipment. Note: Students who have obtained credit for PHSD 145 cannot take PACT 145 for credit.

PACT-155
Instruction of Social Dance
3 Credits Weekly (0-3-0)
This course involves the acquisition of theoretical knowledge and personal skill used in the instruction of the basics of social dance. Emphasis is placed on the acquisition of the basic movement and style of each dance, step variations and sequences, and how to teach them.
COURSE DESCRIPTIONS

PACT-156
Instruction of the Basics of Yoga
3 Credits  Weekly (0-3-0)
In this course, students acquire theoretical knowledge and personal skills used in the instruction of the basics of yoga. Students are introduced to several different yoga forms with an emphasis on Hatha, Vinyasa and Astanga yoga.

PACT-180
Instruction of Canoe/Kayaking
3 Credits  Weekly (0-3-0)
Students acquire theoretical knowledge and personal skill used in the instruction of strokes, maneuvers, and rescue in the sport of canoeing and kayaking. Skill acquisition and demonstration take place in the pool, rivers and open water. Equipment is available from the Sport and Wellness Centre. This course has optional weekend commitments.

Prerequisites: Red Cross Aquaquest Level 8 or RLSS Lifesaving II or YMCA Level 3 or the ability to swim front crawl and back crawl efficiently.

PACT-181
Cross Country Skiing
1.5 Credits  Weekly (0-3-0)
In this course, students acquire theoretical knowledge and personal skill in the basic Nordic ski skills including classic, skating, and hill maneuvers. The course will include weekend touring and loppett racing opportunities. Equipment is available but participants are encouraged to provide their own.

Note: Credit can only be obtained in only one of PACT 181 or PHSD 181.

PACT-195
Introduction to Scuba
1.5 Credits  Weekly (0-3-0)
This course provides students with the opportunity to acquire the theoretical knowledge and fundamental skills required in Scuba. Note: Credit can only be obtained in one of PACT 195 or PHSD 195. Students must be able to swim 200 meters and tread water for 10 minutes.

PACT-196
Introduction to the Basics of Triathlon
3 Credits  Weekly (0-3-0)
This course involves the acquisition of theoretical knowledge and personal skill used in the instruction of the basics of triathlon. This includes an introduction to swimming, cycling and running.

Prerequisites: Ability to swim 25 meters.

PACT-199
Introduction to the Basics of Strength Training
3 Credits  Weekly (0-3-0)
Students acquire the theoretical knowledge and personal skills used in the instruction of the theory and practical basis of strength training. Emphasis is placed on the student's ability to perform and teach common lifting techniques along with program design using free weight and resistance training apparatus.

PBNS-401
Foundations of Perioperative Nursing Practice
2 Credits  Weekly (2-0-0)
Theory and practice governing perioperative nursing as set out by the Canadian Nurses Association (CNA) and the Operating Room Nurses Association of Canada (ORNAC) provide the foundation for the examination of the fundamental concepts of perioperative nursing in this course. The various roles of the perioperative Registered Nurse and the surgical team are explored. The patient as a unique individual is examined in relation to the perioperative experience.

PBNS-402
Concepts of anesthesia within perioperative nursing
2 Credits  Weekly (2-0-0)
Principles of safe practice when assisting with administration of anaesthesia and associated pharmacology are examined. Physiologic maintenance and monitoring are explored as well as management of perioperative complications.

PBNS-403
Perioperative nursing in the preoperative, intraoperative and postoperative environment
4 Credits  Weekly (4-0-0)
Care of the patient in the preoperative, intraoperative, and postoperative phases of surgery are examined in detail. Topics include: preparing a safe surgical environment; surgical instrumentation and equipment; surgical asepsis and sterile techniques; preoperative, intraoperative, and postoperative patient care; the roles of the scrub and circulating nurse; and surgical site management.

PBNS-404
Fundamentals of Perioperative Techniques
2 Credits  Weekly (0-4-0)
Within a simulated perioperative setting students integrate theoretical concepts and apply evidence-informed perioperative principles and techniques. Students practice skills related to the scrub and circulating Registered Nursing roles based on Operating Room Nurses Association of Canada (ORNAC) practice standards and competencies. Students incorporate concepts of leadership to effectively work in a complex inter-professional perioperative team.

Prerequisites: PBNS 403.

PBNS-405
Perioperative Clinical Preceptorship
8 Credits  Total (12-0-3 80)
Under the supervision of a Registered Nurse preceptor, the student provides direct patient care in the perioperative setting. Students are exposed to a variety of surgical experiences. Students are expected to scrub and circulate on a variety of surgical procedures which may include one or more of the following: general surgery, gynaecology and obstetrics, orthopaedics, plastic surgery, ear, nose, throat (ENT) surgery, urology, vascular, endovascular, and/ or cardiovascular surgery. The surgical specialties offered will be dependent on the placement location. Students gain experience and confidence to function independently providing safe and effective patient care. Concepts of nursing leadership within the operating theatre are integrated and applied within the clinical setting. The importance of evidence-based practice and use of research in the perioperative setting are emphasized.

Prerequisites: PBNS 404.

PBNS-465
Pathophysiology of Cardiac Disorders
3 Credits  Total (45-0-0)
Students acquire specific knowledge related to the anatomy, physiology, and pathophysiology of cardiac disorders. Health promotion, disease prevention, epidemiology, etiology, risk factors, and sequelae are examined. Atherosclerosis, acute coronary syndrome, angina, heart failure, metabolic syndrome, valve dysfunction, cardiomyopathies, vascular disease, and congenital abnormalities are examined as they apply to individuals, families, communities, and populations.
PBNS-466
Focused Assessment of Cardiac Function
3 Credits Total (45-0-0)
Students develop the skills necessary to assess the patient with cardiac disease. History and physical examination, along with laboratory assessment and diagnostics are examined in depth. Students apply theory to understand physical assessment findings as related to the pathophysiology. Introductory rhythm analysis and 12-lead electrocardiography along with indications and appropriate nursing interventions for specific diagnostic procedures are examined. Specific diagnostic procedures such as angiography, stress test, Holter monitoring, MUGA scans, echocardiography (transthoracic and transesophageal), and electrophysiology studies are distinguished.

PBNS-467
Management of Cardiac Disorders
3 Credits Total (45-0-0)
The focus of the course is the patient journey from acute episodes to chronic conditions including rehabilitation and palliation. Students analyze medical, nursing and pharmacological management of the patient with cardiac disease. Principles of pharmacology related to common cardiac medications are applied through case studies. Communication and interprofessional collaboration that promote effective patient teaching and thus optimize care of the individual, families, and groups are emphasized. Case studies are utilized to discuss legal and ethical issues related to cardiac care.
Prerequisites: PBNS 465 and PBNS 466.

PBNS-468
Care of the Cardiac Surgical Patient
4 Credits Total (60-0-0)
Students investigate cardiac surgical techniques such as coronary artery bypass grafting, valvular surgery, transplantation, and correction of congenital defects. Pre-operative assessment, intra-operative techniques, post-operative care and rehabilitation are examined. Patient teaching and legal/ethical aspects of cardiac care are applied through case scenarios. The student must be a registered nurse to participate in this course.
Prerequisites: PBNS 465 and PBNS 466.

PBNS-469
Advanced Management of Cardiac Disorders
4 Credits Total (60-0-0)
Students build upon the foundational knowledge of cardiac sciences to explore advanced nursing concepts related to rhythm analysis, 12-lead electrocardiography, and pacemaker techniques. Sensitivity to cultural diversity, religious beliefs and spirituality are discussed and integrated into the care of the cardiac population. Current trends in research are discussed. The student must be a registered nurse to participate in this course.
Prerequisites: PBNS 467.

PEDS-100
Structural Anatomy
3 Credits Weekly (3-2-0)
Students are introduced to the study of human anatomy. Students learn structural and functional components of selected systems of the human body. Restriction: Physical Education students.

PEDS-101
Introduction to Human Physiology
3 Credits Total (45-4-0)
This course provides an introduction to human physiology from the cellular to systemic level with special emphasis on systems that adapt to exercise stress.
Prerequisites: Biology 30.

PEDS-103
Integrative Human Physiology
3 Credits Total (45-3-0)
This course focuses on the regulation, control and integration of cellular functions in the human body with special emphasis on systems that respond to exercise stress. Note: For BPE students only.
Prerequisites: PBNS 467.

PEDS-109
Statistics, Measurement, and Evaluation
3 Credits Weekly (3-0-0)
This course focuses largely upon the application of descriptive and inferential statistics in the context of quantitative and qualitative research. The course also introduces students to basic principles regarding measurement error, test reliability, and validity. Note: Students cannot receive credit for PEDS 109 if they received credit for PEDS 309, PSYCO 211, SOC 210, STAT 141, or STAT 151.

PEDS-200
Physiology of Exercise
3 Credits Weekly (3-2-0)
An introduction to physiological adaptations to stress of exercise and training.
Prerequisites: Minimum grade of C- in PEDS 101.

PEDS-201
Applied Ethics in Physical Education and Sport
3 Credits Weekly (2-0-1)
This course provides students with a philosophical examination of ethical issues in the professional practice of physical education and sports studies.

PEDS-203
Skill Acquisition and Performance
3 Credits Weekly (3-0-0)
The course presents a psychological approach to understanding human motor behaviour. The course examines the processes involved in learning motor skills and controlling movement and the factors that influence acquisition and performance. Restricted to Physical Education Students.

PEDS-205
Introduction to Outdoor Environmental Education
3 Credits Weekly (2-2-0)
Students are introduced to outdoor environmental education, wilderness travel and outdoor leadership on a conceptual, theoretical and experiential basis. There is particular emphasis on the Alberta and Canadian context. This course requires weekend commitment.

PEDS-206
Biomechanics
3 Credits Weekly (3-1-0)
This course focuses on the methods to perform qualitative biomechanical analyses of human movement. These analyses involve the application of appropriate mechanical principles and the relationships between these principles. Note: Restricted to Physical Education students.
Prerequisites: A minimum grade of C- in PEDS 100 or PEDS 294.
COURSE DESCRIPTIONS

PEDS-207
Physical Growth and Psychomotor Development
3 Credits  Weekly (3-0-0)
This course focuses on the study of concepts and principles appropriate to physical growth and development and to skill acquisition during the lifespan. Attention is given to information that recognizes the sequential changes in physical growth and motor development with an emphasis on individual differences.

PEDS-209
Research Methods in Kinesiology
3 Credits  Weekly (3-0-0)
Students acquire an overview of research procedures used in kinesiology with an emphasis on the practical application of research techniques and designs. Topics covered include research design, ethics in research, information retrieval, data collection methods, subject selection, sources of error, types of research, and presenting results. Note: Credit will be granted for only one of PEDS 209 or 409.
Prerequisites: PEDS 109 or 309 or STAT 141 or 151.

PEDS-240
Introduction to Sports Injury Management
3 Credits  Weekly (3-1.5-0)
Analysis of practical and theoretical concepts of sports injury. Includes an overview of sports medicine, care and prevention of injuries, and safety in athletics and physical education. Restriction: Physical Education students.
Prerequisites: Minimum grade of C- in PEDS 100.

PEDS-245
Introduction to the Profession of Coaching
3 Credits  Weekly (3-0-0)
This course examines the principles of coaching as they relate to the development of the athlete, the role of the coach, and the organization of sport in contemporary society. This course presents basic coaching theory that is applicable to a variety of sport settings with the focus on the practice and the season. Upon successful completion of the course, students will complete their Introduction to Competition and Part A & B Multi Sport Theory certification with the National Coaching Certification Program (NCCP). Additional fees for NCCP are required. (This fee is included as part of textbook costs and are administered through the MacEwan Bookstore.)

PEDS-246
Coaching Practicum I
3 Credits  Total (0-0-100)
The purpose of this course is to provide the student with a practical coaching experience under the guidance of a head coach. It is intended to introduce the student to the demands of coaching. Students are required to coach for a complete season as an Assistant Coach in a program approved by the student’s coaching mentor. Note: At least 100 hours of outside classroom time is required.
Prerequisites: Minimum grade of C- in PEDS 245.

PEDS-293
Introduction to the Movement Activities of Children
3 Credits  Total (20-25-0)
A study of developmentally appropriate movement activities for children 5 -12 years of age. Students participate and work with children in a variety of physical activities in recreational, educational and sport environments.

PEDS-294
A Conceptual Approach to Physical Activity
3 Credits  Weekly (0-0-3)
This course is a study of the fundamental movement concepts and principles that underlie the physical activities engaged in by youth of secondary school age. The focus of the course is on the development of a conceptual understanding of movement; therefore, a wide range of activities and their contexts are examined and experienced. Restriction: BPE and BEd (Physical Education majors/minors) only. (Note: credit can only be granted for one of PACT 101 or PEDS 294)

PEDS-391
Scientific Basis of Human Movement
3 Credits  Weekly (3-0-0)
This is a lecture course with an emphasis on introductory knowledge and practical implications of the structural, functional characteristics and capabilities of the human body with respect to human movement.
Prerequisites: Biology 30.

PERL-104
Introduction to Sociocultural Aspects of Leisure and Sport
3 Credits  Weekly (3-0-0)
The study of play, physical education, recreation, sport and leisure as institutionalized ways in which society organizes and teaches attitude and skills. Provides an introduction to the importance of sociocultural inquiry and the notion of being critical as an empowering process. Restricted to Physical Education students.

PERL-105
Introduction to the Management of Sport, Physical Activity and Recreation Programs
3 Credits  Weekly (3-1-0)
This course provides students with the basic skills required to successfully administer a sport and/or recreation program. Restricted to physical education students. Note: Credit can only be obtained in one of PERL 105 or PEDS 105.
PERL-204
Canadian History of Leisure, Sport and Health
3 Credits Weekly (3-0-0)
An examination of the significant changes that have occurred in leisure and sport, specifically over the last century and with particular reference to Canadian society.
Prerequisites: Minimum grade of C- in PERL 104 or consent of the department.

PERL-207
Adapted Physical Activity and Leisure for Diverse Populations
3 Credits Total (45-18-10)
Students are introduced to the theory and practice of physical education and recreation for people with disabling conditions or special needs. Students study selected disabilities and the implications of these disabilities for participation in sport, physical activity and leisure. Students are required to commit to a minimum of ten hours of service to a local program for persons with disabilities.
Prerequisites: Minimum grade of C- in PEDS 100.

PERL-300
Cross-Cultural Wellness
3 Credits Total (15-40-0)
This course examines concepts of wellness from a variety of cultural perspectives and includes a cross cultural experience in a developing country. An analysis of personal wellness priorities will be followed by examination of the concepts and priorities of wellness found locally in diverse cultures. While abroad the students will be working on a service learning project, observing wellness priorities and interacting with the local community.
Prerequisites: Minimum grade of C- in HEED 110 or PERL 104 or consent of the department.

PESS-195
Spectrum of Dance in Society
3 Credits Weekly (1.5-4-0)
This course explores the theory and practice of dance as a human physical activity. Focus is on the aesthetic, expressive, and rhythmical dimensions of movement in a culture’s artistic and social life. The course includes movement content, techniques, improvisation, composition and performance in a variety of dance forms including modern/creative, ballet social, jazz and folk dance. Students perform and critique dance steps.

PGCT-362
Sports Psychology
3 Credits Weekly (3-0-0)
This course explores the psychological dimensions that influence high performance sport. Students consider theoretical and practical problems facing high performance athletes in high stress situations and how to coach others to overcome performance problems. Contemporary approaches to counselling and advising professional golfers are examined, including how to achieve performance improvement goals. Students learn techniques to prepare golfers for recreational and competitive play.

PGMT-111
Golf As a Profession
1 Credit Weekly (1-0-0)
This course provides an opportunity for people who wish to pursue golf industry-related careers as a profession to examine their personal suitability as well as career development strategies. Various aspects of the golf industry, including the history of golf and an introduction to the Canadian Professional Golfers’ Association (CPGA), are also examined in this course.

PGMT-115
Introduction to Golf Management
3 Credits Weekly (3-0-0)
This course provides an introduction to the game of golf and career opportunities in the golf industry. Various aspects of the golf industry, including the PGA of Canada and the Royal Canadian Golf Association, the history and development of the game of golf, the business of golf and the significant people and events that have shaped the game are examined. Key elements of resume and employment interview preparation are covered. In addition, the course includes a comprehensive examination of the rules of golf as presented by the Royal Canadian Golf Association Rule Book. Handicapping and the course rating system are covered.

PGMT-120
Backshop and Practice Facility Operations
3 Credits Total (37-8-0)
The Backshop operations of a golf facility are covered in this course, including management of the backshop (staffing, training, supervising, and budgeting), equipment storage, maintenance, and repair and cleaning. This course also provides a comprehensive examination of how to manage a golf car fleet. A comprehensive examination of practice facility operations, as part of a golf facility and as a standalone business are covered. An overview of golf equipment, design, performance, repair and fitting is also included in the course.
Prerequisites: PGMT 115.

PGMT-121
Rules of Golf
2 Credits Weekly (2-0-0)
This course involves a comprehensive examination of the rules of golf as presented by the Royal Canadian Golf Association Rule Book. Use of the RCGA decisions book, as well as the handicapping and course rating system, are also covered.

PGMT-125
Facility Management
3 Credits Weekly (3-0-0)
This course provides students with a comprehensive overview of the operation and management of leisure facilities. Some of these facilities feature golf as the single most important activity and some are multi-use facilities. Because leisure facilities are often board-governed, this course explores various aspects of the structure, roles and administration processes that characterise board-governed, non-profit organizations with a focus on working effectively, from a senior management perspective, with boards and committees.

PGMT-151
Backshop and Practice Facility Operations
1 Credit Weekly (1-0-0)
Backshop operations are covered in this course, including management of the backshop (staffing, training, supervising and budgeting), equipment storage, maintenance, repair and cleaning. Loading and unloading procedures, safe operation and cleaning of golf cars are reviewed. A comprehensive examination of practice facility operations, as part of a golf facility and as a standalone business, is covered. Topics include management considerations, design features and equipment.
PGMT-171
Professional Golf Management Practicum
3 Credits  Total (0-0-640)
This practicum is an integral part of the program that balances on the job training and experience with course work. Reporting to a senior manager, students work full time as a paid staff member in the golf industry.

PGMT-211
History and Current Practice of Golf
2 Credits  Weekly (0-0-2)
This course is designed to develop the students' knowledge of golf as well as their skills gathering, organizing and presenting information. Students learn the history and development of the game of golf, the business of golf and the significant players and instructors who have shaped the game.

PGMT-215
Golf Operations
3 Credits  Weekly (3-0-0)
This course examines a number of key aspects of managing a golf operation including the effective design and management of golf tournaments, programs and leagues, the role of various booking systems as a means of managing the inventory of tee times, and the role of the starter and course marshal. Also included in the course is an overview of the various aspects of golf course maintenance. Prerequisites or Co-requisites: PGMT 115.

PGMT-225
Food and Beverage Operations
3 Credits  Weekly (3-0-0)
This course provides an overview of food and beverage operations in golf facilities and examines the management requirements for their successful operation. Students examine the roles of the manager of a food and beverage operation including product knowledge, risk management, control systems, menu development, service levels, product quality, policies and procedures, labour and supply costs, food service equipment, safe food handling practices and alcoholic beverage service, food and beverage purchasing, and marketing of food and beverage services. Prerequisites: PGMT 125.

PGMT-230
Dynamics of the Golf Swing
3 Credits  Weekly (3-0-0)
Students learn both theoretical and practical knowledge relating to the golf swing. The course focuses on the anatomical and physiological concepts associated with the golf swing, biomechanical principles necessary to move the golf ball towards its target and physical conditioning requirements for golfers.

PGMT-235
Player Development
3 Credits  Weekly (3-0-0)
Students participate in and observe golf lessons. Students develop skills to improve their golf swing technique, short game, pre-shot routine, sports psychological skills, course management strategy, and preparation for competitive events.

PGMT-251
Booking Systems, Programs and Leagues
1 Credit  Weekly (1-0-0)
This course examines the role and implementation of various booking systems as a means of managing the inventory of tee times within a golf operation. The role of the starter and the course marshal and how to establish and implement special programs, leagues and events are also covered.

PGMT-252
Tournament Organization
1 Credit  Weekly (1-0-0)
In this course, students examine the effective design and management of golf tournaments. The skill set acquired in this course is transferable to the design and management of major events in other sports and the hospitality industry.

PGMT-253
Golf Equipment and Golf Car Fleet Management
2 Credits  Weekly (2-0-0)
This course provides an overview of golf equipment, both hard and soft goods, with an emphasis on how to purchase inventory for the golf shop. Enhancing customer satisfaction and achieving profitability are addressed. This course also provides a comprehensive examination of how to manage a golf car fleet. Topics include building an inventory, golf car maintenance and repair, as well as management considerations for achieving cost-effectiveness and customer service.

PGMT-271
Professional Golf Management Practicum II
2 Credits  Total (0-0-800)
Practicum is an integral part of the program that balances on-the-job training and experience with completed coursework. Reporting to a senior manager, this practicum involves working full-time as a paid staff member in a golf operation. Prerequisites: PGMT 171.

PHIL-101
Values and Society
3 Credits  Weekly (3-0-0)
This course provides an introduction to philosophy through a study of issues in ethics and social-political philosophy. Topics may include relativism, justice, rights, obligation, utilitarianism, deontology and social contract theory. Contemporary issues in ethics and politics may also be discussed.

PHIL-102
Knowledge and Reality
3 Credits  Weekly (3-0-0)
This course provides an introduction to philosophy through a study of issues in metaphysics and epistemology. Topics may include appearance and reality, the nature of knowledge, minds and bodies, personal identity, death and immortality, free will, the nature of God, perception, causation and, space and time.

PHIL-103
Asian Philosophies
3 Credits  Weekly (3-0-0)
This course provides an introduction to and survey of Eastern and Asian Philosophies. The course investigates philosophical traditions, including important schools and figures, from the histories of India, China and Japan. This includes a consideration of the Hindu or Brahmanical philosophies of the Vedas and Upanishads, Jainism, Buddhism (including Indian, Chinese and Japanese developments), Confucianism, and Taoism. Topics include the nature of reality, the nature of suffering and desire, the nature of a good life and good government, enlightenment, moral virtues, sageliness, view of Nature, and Eastern conceptions of the self.
PHIL-125
Analytical Reasoning
3 Credits Weekly (3-0-0)
In this course, students use elementary methods and principles for analyzing reasoning as it occurs in everyday contexts. Topics may include informal fallacies, introduction to scientific method, elementary statistical reasoning, elementary sentential logic, as well as the study of argument in contemporary debates about issues of social concern. Note: This Arts course can also be used to satisfy the general science credit requirement of the Bachelor of Science.

PHIL-200
Metaphysics
3 Credits Weekly (3-0-0)
Metaphysics is the area of philosophy that raises and responds to fundamental questions concerning the nature and structure of reality. In this course, students develop an understanding of metaphysical questions and their significance, as well as critically examine the ways philosophers address these questions and the metaphysical issues associated with them. Topics of study may include appearance and reality, the mind-body problem, metaphysical idealism and realism, freedom and determinism, personal identity, time and space, and universals and particulars.

PHIL-201
Buddhist Philosophy
3 Credits Weekly (3-0-0)
This course carries out a sustained investigation of Buddhist philosophy. This investigation considers the historical development of Buddhist philosophical thought, beginning with its origin, development, and expansion in India, through its movement into China and then into Japan. The course considers, with the aim of coming to a philosophical understanding, issues such as Buddhist conceptions of suffering, enlightenment, reality, rationality, self, mind, consciousness, meditation and the ethics of compassion. Comparisons with key philosophers and developments in the history of Western philosophy are also discussed. Particular attention is given to philosophies in the Mahayana Buddhist tradition.

PHIL-202
Philosophies of China and Japan
3 Credits Weekly (3-0-0)
Students study the philosophies of China and Japan, focusing on Confucianism, Taoism, and Chinese and Japanese Buddhism. This involves, primarily, a consideration of historical movements, figures and schools, although some contemporary figures may also be included. The discussion of Confucianism centers on Confucian Social and Moral Philosophy and issues such as the nature of a good life and good government, sageliness, and Confucian moral virtues. The discussion of Taoism centers on Taoist Metaphysics and issues such as the nature and meaning of the Tao, the principle of wu-wei or no action, and the Taoist understanding of a life lived in accordance with Nature. The discussion of Chinese and Japanese Buddhism focuses on Ch’ an or Zen Buddhism (these are, respectively, Chinese and Japanese analogues), but Hua Yen or Kegon Buddhism, and Tien Tai or Nichiren Buddhism may be considered. Issues here center on the Buddhist Philosophy of Mind, and include the nature of enlightenment, self, and rationality.

PHIL-205
Philosophy of Mind
3 Credits Weekly (3-0-0)
This course examines basic questions concerning the nature of mind, theories that try to explain the relation of mind and brain, and the issues that these theories raise. The topics of discussion may include Cartesian Dualism, materialism, behaviourism, identity theory, functionalism, qualia, intentionality, artificial intelligence, self and consciousness.

PHIL-210
Symbolic Logic
3 Credits Weekly (3-0-0)
This course is an introduction to modern symbolic logic, including the basic concepts of justification, argument, deduction, validity and soundness; translation of ordinary language into symbolic form; using sentential and predicate designators, carrying out truth functional analyses for validity and invalidity, testing sets for consistency, using rules of inference and equivalence to prove validity of arguments, and using methods of conditional and indirect proof in sentential and quantified forms. Note: This Arts course can also be used to satisfy the general science credit requirement of the Bachelor of Science.

PHIL-215
Epistemology
3 Credits Weekly (3-0-0)
Students study central topics in the theory of knowledge such as truth and rationality, skepticism and the limits of knowledge, self-knowledge and personal identity, relativism and the objectivity of knowledge, and the role of perception, memory and reason as sources of knowledge.

PHIL-220
Symbolic Logic II
3 Credits Weekly (3-0-0)
This course is an intensive study of predicate logic with identity. Topics include translation of ordinary language into symbolic form, semantics, tree tests for consistency and validity, derivations in natural deduction systems, mathematical induction, and soundness and completeness. Topics may also include theories of definite descriptions, elementary modal logic and formal axiomatic systems. Note: This Arts course can also be used to satisfy the general science credit requirement of the Bachelor of Science. Prerequisites: Minimum grade of C- in PHIL 210 or equivalent.

PHIL-230
Ancient Western Philosophy
3 Credits Weekly (3-0-0)
This course provides a survey of ancient philosophy from the Presocratics to the Neoplatonists. Particular emphasis is placed on the works of Plato and Aristotle.
PHIL-240
Descartes to Kant
3 Credits Weekly (3-0-0)
This course provides an examination of the history of modern philosophy through a close reading of some of the major rationalist, empiricist, and transcendental idealist contributors of the period such as Descartes, Leibniz, Locke, Berkeley, Hume and Kant.

PHIL-247
Continental Philosophy: Heidegger to Foucault
3 Credits Weekly (3-0-0)
This course provides an introduction to twentieth century continental European philosophy through a close reading of some of the century's major philosophical contributors such as Husserl, Heidegger, Levinas, Derrida, Foucault and Badiou. Specific topics may include: phenomenology, hermeneutics, deconstruction, post-structuralism, and materialist dialectics.

PHIL-248
American Philosophies
3 Credits Weekly (3-0-0)
This course examines the historical development of American philosophy from the 19th century to the present, with a particular emphasis on the pragmatist (William James, John Dewey, Charles Peirce, Jane Addams, Alain Locke) traditions of the United States. African American, Latin American, Caribbean and Indigenous philosophers may also be examined (figures such as W.E.B. DuBois, Vine Deloria, Jr., and Enrique Dussel) as contributors and respondents to these philosophical movements.

PHIL-250
Ethics
3 Credits Weekly (3-0-0)
This course involves an examination of fundamental questions and theoretical answers in the philosophical discipline of ethics. Through a detailed study of important and influential texts in the philosophy of ethics, students develop the ability to understand and critically assess various philosophical systems of thought concerning moral judgements and ethical obligations.

PHIL-265
Philosophy of Science
3 Credits Weekly (3-0-0)
This course introduces central issues in contemporary philosophy of science. Topics may include theory evaluation, paradigm shifts and theory change, laws of nature, causation and explanation, the rationality of science and its social and historical setting.

PHIL-270
Social and Political Philosophy
3 Credits Weekly (3-0-0)
This course provides an introduction to social and political philosophy. The course poses the following questions: what is the nature of politics; what is the state; what is civil society; what (if any) are citizens' political obligations and rights? Readings are drawn from canonic philosophers such as Plato, Aristotle, Aquinas, Machiavelli, Hobbes, Spinoza, Rousseau, Hegel and Marx.

PHIL-280
Aesthetics
3 Credits Weekly (3-0-0)
Aesthetics is the branch of philosophy that studies art, beauty and taste. This course introduces aesthetics through the study of theories of art, aesthetic experience, aesthetic judgement and the role of art in society. Students read classical and contemporary writings in aesthetics and apply them to concrete examples of various media, including visual art, music and literature.

PHIL-291
Existentialism
3 Credits Weekly (3-0-0)
This course is an introduction to existential philosophy. Through close reading of texts, students study some of the main themes of existential philosophy, such as anxiety, authenticity, bad faith, absurdity, the meaning of human life, and the self as finite and situated self-making. Particular attention is paid to the existential conception of philosophy as a truthful explication of concrete experience rather than the theoretical pursuit of abstract truth. Readings are drawn from the works of major figures in 19th and 20th century existential philosophy, such as Kierkegaard, Nietzsche, Sartre, Camus and Marcel.

PHIL-301
Comparative Philosophy
3 Credits Weekly (3-0-0)
In this topic based course, students study one or more non-Western, particularly Asian, philosophical tradition in comparison with approaches taken in the Western philosophical tradition. Issues for comparison between non-Western and Western philosophies may include methods and aims; the relation between religion and philosophy; views on the nature of reality, truth, the self, morality, justice, suffering, desire, and/or reason.

PHIL-305
Philosophy of Psychology
3 Credits Weekly (3-0-0)
This course examines the philosophical foundations of psychology, with particular attention to philosophical issues concerning the nature of mind, self, and psychological explanation. Topics may include Subjectivity, Personal Identity, Rationality and Delusion, Private Language, Consciousness, Qualia, Intentionality, Weakness of Will, Freedom of Will, and Artificial intelligence.

PHIL-325
Risk, Choice and Rationality
3 Credits Weekly (3-0-0)
This course is a study of the formal theory of rationality, including probability, induction, and elementary decision theory. Rational theories regarding an agent's choice, both individually and in a group, under ignorance or under risk, and when acting competitively or cooperatively, are examined in detail. Note: This Arts course can also be used to satisfy the general science credit requirement of the Bachelor of Science.

PHIL-330
Plato
3 Credits Weekly (3-0-0)
With a view to both theoretical and moral issues, this course engages in a focused study of Plato and his philosophy. Students will engage in close readings of some of Plato's writings and will evaluate secondary literature on Plato. Some consideration may also be given to Academic Platonism and neo-Platonism.

Prerequisites: Minimum grade of C- in 3 credits of 200-level philosophy courses.
PHIL-331
Philosophy of Love
3 Credits  Weekly (3-0-0)
This course engages in a philosophical investigation of love. Through a study of classic works of philosophy, students examine the experience of love, the meaning of love, the value of love, and philosophy’s relationship to love. Special attention will be paid to Plato’s theory of love as it is expressed in the Symposium.
Prerequisites: Minimum grade of C- in 3 credits of 200-level philosophy courses.

PHIL-333
Philosophy of Sex and Sexuality
3 Credits  Weekly (3-0-0)
This course offers a philosophical analysis of human sexuality. On top of providing an overview of human sexuality as it has been treated in classic works of philosophy, it also looks at the treatment of sexuality in contemporary philosophy. Topics may include gender and oppression, the legitimacy of consent, the politics of sexual relations/interactions, sexuality and embodiment, the morality of seduction, genealogy and sexuality, and the character of heteronormativity and ‘perversion.’
Prerequisites: A minimum grade of C- in 3 credits of 200-level philosophy courses.

PHIL-341
Continental Rationalism
3 Credits  Weekly (3-0-0)
This course examines the philosophies of such early modern philosophers as Descartes, Malebranche, Spinoza, and Leibniz. Through a close study of the rigorously systematic metaphysics, epistemology, and natural philosophy of these thinkers, this course traces the significant and renowned movement in the history of philosophy known as “Rationalism.”
Prerequisites: Minimum grade of C- in 3 credits of 200-level philosophy courses.

PHIL-342
British Empiricism
3 Credits  Weekly (3-0-0)
This course examines the philosophies of such early modern philosophers as Locke, Berkeley, and Hume. For their emphasis on sense experience and sensory perception in their respective philosophical systems of thought, these British philosophers are known as members of the prominent and important movement in the history of philosophy referred to as “Empiricism.”
Prerequisites: Minimum grade of C- in 3 credits of 200-level philosophy courses.

PHIL-355
Philosophy of the Environment
3 Credits  Weekly (3-0-0)
This course introduces central issues in the philosophy of the environment. Topics include the meaning of Nature, foundational ethical theories as applied to the environment, animal rights, anthropocentrism, biocentrism, ecocentrism, conservationism, sustainability, deep ecology and social ecology, and the aesthetics of natural environments.

PHIL-357
Philosophy of Religion
3 Credits  Weekly (3-0-0)
Students examine the nature of religious belief, religious experience, and religious life from a philosophical perspective. Specific issues may also include the religious use of language, the existence and nature of God, the self in relation to the divine, the problem of evil, faith and reason, scientific views of religion, and mystical experience.

PHIL-360
Death and Dying
3 Credits  Weekly (3-0-0)
This course offers a philosophical examination of the nature and significance of death. This includes detailed analysis and critical discussion of such topics as: what death is, emotional attitudes toward death, the badness of death, the value of life, immortality, personal identity, and suicide.

PHIL-365
Philosophy of Space and Time
3 Credits  Weekly (3-0-0)
This course examines the philosophical issues, historical and contemporary, involved in specifying the nature of space and time and how we can know such nature. Topics may include the concept of space in antiquity, the historical debates on the nature of space in the Early Modern period, the so-called Newtonian, Einsteinian and quantum mechanical revolutions, the shape of space-time, and the direction, and alleged paradoxes, of time.

PHIL-370
Studies in Political Philosophy
3 Credits  Weekly (3-0-0)
In this course, students study a topic in political philosophy. The topic for any particular section varies. Possible topics include: liberalism and its critics, the philosophy of power, the nature of law, theories of justice, Plato’s Statesman, and Aristotle’s Politics. Each section of this course requires that students produce a research essay that incorporates scholarly sources other than the course readings.
Prerequisites: Minimum grade of C- in 3 credits in 200-level philosophy courses.

PHIL-371
Philosophy of Power
3 Credits  Weekly (3-0-0)
Through a study of classic and contemporary texts in political philosophy, this course examines the nature of political power. Specific emphasis is placed on sovereignty, ideology and relational power. Course readings may include works by Plato, Bodin, Marx, Althusser and Foucault. In addition to primary texts, students read scholarly studies of classic works.
Prerequisites: Minimum grade of C- in 3 credits in 200-level philosophy courses.

PHIL-381
Philosophy as Literature
3 Credits  Weekly (3-0-0)
This course studies the contact between the literary and philosophical in important philosophical works. Students develop strategies for approaching works of philosophy as pieces of literature and apply those strategies to classic texts of philosophy. The course serves as a practical introduction to the hermeneutical approach to philosophy and philosophical scholarship. Focusing on literary subtle works of philosophy, like those of Plato, Rousseau, Kierkegaard and Nietzsche, the course asks how literary features, which might otherwise appear to be extraneous to philosophical content, contribute to augment, complicate or obscure the philosophical meaning, argument and purpose of the texts. In asking such questions, students consider elements such as the use of irony, metaphor, drama and myth in philosophy. In addition to primary texts, students read scholarly studies of classic works and produce their own hermeneutical studies of the same.
Prerequisites: Minimum grade of C- in 3 credits of 200-level philosophy courses.
PHIL-382
Philosophy of Law
3 Credits Weekly (3-0-0)
Through a study of classic and contemporary philosophical writings, this course examines the nature of law. Specific topics may include theories of law, legality and morality, obligation and liberty, rights, legal reasoning and international law. Some emphasis is placed on applying philosophical understanding to concrete cases. In addition to primary texts, students read scholarly studies and produce a major scholarly paper.
Prerequisites: Minimum grade of C- in 3 credits in 200-level philosophy courses.

PHIL-383
Philosophy of Film
3 Credits Weekly (3-0-0)
This course offers a philosophical examination of film. The examination proceeds by viewing particular films and reading philosophical texts devoted to the medium. Topics may include critical analysis of genre, the aesthetics of the moving image, the nature of film narrative or representation, the relation between film and ideology, or a study philosophical themes through film.
Prerequisites: A minimum grade of C- in 3 credits of 200-level philosophy courses.

PHIL-386
Philosophy and Health Care
3 Credits Weekly (3-0-0)
This course is an introduction to central issues in bioethics with a specific emphasis on practice of health care. Though students may briefly examine classical moral theories and principles, the bulk of the course examines contemporary discussions and issues in bioethics. The emphasis of the course is on ethical reasoning and moral deliberation involving issues in health care. Topics may include patient autonomy and confidentiality, advanced directives, allocation of medical resources, health care advocacy, integrity, and issues pertaining to disability and end-of-life care. Students may also be introduced to major ethical theories and moral principles. Readings may include case studies, legal cases, scholarly articles and classical sources.

PHIL-398
Independent Study
3 Credits Total (0-0-45)
This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

PHIL-401
Senior Seminar
3 Credits Weekly (0-0-3)
In this seminar course, students study the nature, methods, and aims of philosophy, make seminar presentations, and write a major research essay. This course is open only to Philosophy majors. Note: Students are advised to enrol in this course in the final winter term of their studies.
Prerequisites: Successful completion of 30 credits of senior philosophy courses.

PHIL-402
Topics in the History of Philosophy
3 Credits Weekly (0-0-3)
This seminar course deals with a major figure, issue, or specific period in the history of philosophy. There is a major essay requirement and, in addition to regular seminar participation, students make presentations. The topic of any given section of this course is selected by the instructor.
Prerequisites: Minimum grade of C- in 6 credits of 200- or 300-level philosophy courses.

PHIL-403
Topics in Moral Philosophy
3 Credits Weekly (0-0-3)
In this seminar course, students study a topic in moral philosophy broadly construed. The specific topic of each section focuses on a significant philosopher, theme, or problem in ethical theory, applied ethics, metaethics, political philosophy, or social philosophy. There is a major essay requirement and, in addition to regular seminar participation, students make presentations. The topic in any given semester is selected by the instructor.
Prerequisites: Minimum grade of C- in 6 credits of 200- or 300-level philosophy courses.

PHIL-404
Topics in Asian Philosophy
3 Credits Weekly (0-0-3)
Students study a topic in depth within Asian Philosophy. The specific topic focuses on a significant philosopher or philosophers, text, school, theme or issue within one or more of the traditions of Asian Philosophy, including Buddhism, Jainism, Hinduism, Confucianism, and Taoism. There is a major essay requirement and, in addition to regular seminar participation, students make presentations. The topic in any given year is selected by the instructor.
Prerequisites: Minimum grade of C- in 6 credits of 200- or 300-level philosophy courses.

PHIL-405
Topics in Contemporary Philosophy
3 Credits Weekly (0-0-3)
In this seminar course, students study a topic in contemporary philosophy. The specific topic focuses on a significant philosophical question and the position or positions that one or more contemporary philosophers take and defend in response to that question. There is a major essay requirement and, in addition to regular seminar participation, students make presentations. The topic in any given year is selected by the instructor.
Prerequisites: Minimum grade of C- in 6 credits of 200- or 300-level philosophy courses.

PHIL-442
Descartes
3 Credits Weekly (0-0-3)
This is a seminar course on the philosophy of René Descartes. In the course, students go beyond the Meditations and read a selection of Descartes’ works and correspondences in order to examine a variety of topics including eternal truths, human physiology, the human being, animals, and the “passions”. Students also read and analyze relevant secondary literature. In addition to regular seminar participation, students make seminar presentations on material from the reading schedule. The major course assignment is an essay on a specific topic of choice from the course material.
Prerequisites: Minimum grade of C- in 6 credits of philosophy at the 200- or 300-level.
PHIL-444
Kant
3 Credits Weekly (0-0-3)
in this seminar course, students examine Kant’s theoretical philosophy, pay close attention to interpretations of Kant’s transcendental idealism of the early critical period, make seminar presentations, and write at least one major essay on a specific topic of their choice.
Prerequisites: Minimum grade of C- in 6 credits in 200- or 300-level philosophy courses.

PHIL-447
Wittgenstein
3 Credits Weekly (0-0-3)
In this seminar course, students examine Wittgenstein’s later philosophy in his Philosophical Investigations, paying close attention to his philosophy of language and philosophy of mind. Students also examine important secondary literature concerned with the same, and complete a seminar presentation on this material and a major essay on a specific topic dealing with the material covered. Areas of focus may include meaning, understanding, determinacy of sense, intentionality, rule-following, the private language argument, sensations, the will, the nature of philosophy, and applications of Wittgenstein’s philosophy in the Philosophy of Religion.
Prerequisites: Minimum grade of C- in 6 credits in philosophy at the 200- or 300-level.

PHIL-498
Advanced Independent Study
3 Credits Total (0-0-45)
This course permits a senior-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

PHSC-200
Physical Science Field Skills
3 Credits Total (18-80-0)
This course is an introduction to field work in the areas of physics, chemistry and Earth and planetary science, which together constitute the Physical Sciences. It involves classroom field preparation in Edmonton, work in the field on the Big Island in the Hawaiian Island chain, and sample analysis and working up the data back in Edmonton. The course concludes with the submission of a final written report. The skills that the participants acquire in this course include mapping of geological features, reproducible sampling procedures, field note taking, strike and dip measurements, the use of star charts and sextants to locate constellations and stars, measurements and observations with a telescope and the analysis of water and air samples.
Prerequisites: Consent of the Department.

PHSC-300
Alberta Oil and Gas Industry
3 Credits Weekly (3-0-0)
This course provides an in-depth examination of the oil and gas industry in Alberta and how it is rapidly changing. The course will use an interdisciplinary approach that covers resource exploration, extraction, refining, geology, careers, environmental challenges, and business dimensions of unconventional and conventional oil and gas resources.
Prerequisites: Minimum grade of C- in EASC 238, PHYS 261 and in one of CHEM 261 or CHEM 270.

PHYS-020
Physics 20
5 Credits Weekly (7.5-0-0)
Physics 20 is equivalent to Alberta Learning’s Physics 20. The course deals with major concepts of kinematics and dynamics, circular motion, universal gravitation, waves and light.
Prerequisites: Science 10, Math 10 or equivalent.

PHYS-030
Physics 30
5 Credits Weekly (7.5-0-0)
The material covered in this course is equivalent to Alberta Learning’s Physics 30. Topics include conservation laws, electric and magnetic forces and fields, the nature of the atom and wave-particle duality in nature.
Prerequisites: Physics 20 or equivalent.

PHYS-108
Introduction to University Physics I
3 Credits Weekly (4-3-0)
This is an algebra based physics course for students without high school physics. Topics include kinematics, Newtonian mechanics, conservation of momentum and energy, rotational motion, statics and dynamics of extended bodies, simple harmonic motion, mechanical and sound waves. Students will be also introduced to aspects of modern physics. During the course students develop a conceptual understanding of physical principles, develop reasoning and problem-solving skills, and relate these physical principles to real-world situations relevant to biology and medicine.
Note: This course is not available to students with Physics 20 or Physics 30, and it is intended to be taken in sequence with PHYS 109. Credit can only be obtained in one of PHYS 108, PHYS 124, PHYS 144, or ENPH 131.
Prerequisites: Pure Mathematics 30-1.
COURSE DESCRIPTIONS

PHYS-109
Introduction to University Physics
3 Credits Weekly (4-3-0)
This course is an algebra-based physics course on electromagnetism and physical optics intended for students with no high school physics. Topics include electrostatics, direct current circuits, magnetic fields, electromagnetic induction, alternating current circuits and physical optics and radiation. Students will be introduced to aspects of modern physics. During the course students develop a conceptual understanding of physical principles, develop reasoning and problem-solving skills, and relate these physical principles to real-world situations relevant to biology and medicine.

Note: Credit can only be obtained in one of PHYS 109, PHYS 126, or PHYS 146.
Prerequisites: A minimum grade of C- in PHYS 108.

PHYS-124
Physics for Life Sciences I
3 Credits Weekly (3-3-0)
This is an algebra-based physics course on motion of matter intended for students in life and medical sciences. Topics include kinematics, Newtonian mechanics, conservation of momentum and energy, rotational motion, statics and dynamics of extended bodies and simple harmonic motion. Students are introduced to aspects of modern physics. During the course students develop a conceptual understanding of physical principles, develop reasoning and problem-solving skills, and relate these physical principles to real-world situations relevant to biology and medicine.

Note: Credit can only be obtained in one of PHYS 109, PHYS 126, or PHYS 146.
Prerequisites: A minimum grade of C- in PHYS 108.

PHYS-126
Physics for Life Sciences II
3 Credits Weekly (3-3-0)
This course is an algebra-based physics course on electromagnetism intended for students in life and medical sciences. Topics include electrostatics, direct current circuits, magnetic fields, electromagnetic induction and alternating current circuits. Students are introduced to aspects of modern physics. During the course students develop a conceptual understanding of physical principles, develop reasoning and problem-solving skills, and relate these physical principles to real-world situations relevant to biology and medicine.

Note: Credit can only be obtained in one of PHYS 109, PHYS 126, or PHYS 146.
Prerequisites: A minimum grade of C- in PHYS 124.

PHYS-130
Wave Motion, Optics and Sound
3.8 Credits Total (45-18-0)
This is a calculus based course intended for engineering students. Topics include spherical mirrors, thin lenses, simple harmonic motion, wave motion, interference, sound waves, light waves and diffraction.

Note: Restricted to Engineering students.
Prerequisites: Mathematics 30-1, Mathematics 31 and Physics 30.

PHYS-144
Mechanics
3 Credits Weekly (3-3-0)
This is a calculus based physics course intended for students in the physical sciences. Topics include kinematics, Newtonian mechanics, conservation of momentum and energy, rotational motion, statics and dynamics of extended bodies and simple harmonic motion. Students are introduced to aspects of modern physics. During the course students develop a conceptual understanding of physical principles, develop reasoning and problem-solving skills, and relate these physical principles to real-world situations.

Note: Credit can only be obtained in one of PHYS 109, PHYS 124, or ENPH 131.
Prerequisites: Mathematics 31, Mathematics 30-1 and Physics 30.

PHYS-146
Electromagnetism
3 Credits Weekly (3-3-0)
This is a calculus-based physics course on electromagnetism intended for students in physical sciences. Topics include electrostatics, direct current circuits, magnetic fields, electromagnetic induction and alternating current circuits. Students are introduced to aspects of modern physics. During the course students develop a conceptual understanding of physical principles, develop reasoning and problem-solving skills, and relate these physical principles to real-world situations.

Note: Credit can only be obtained in one of PHYS 109, PHYS 126, or PHYS 146.
Prerequisites: A minimum grade of C- in PHYS 144.

PHYS-200
Introduction to Relativity
3 Credits Weekly (3-0-0)
This course explains Einstein’s Special Theory of Relativity and includes brief introduction to general relativity. First, the limitations of classical physics are examined. These shortcomings are then addressed by the special theory of relativity. The student learns to use the theory to calculate time and length intervals in fast moving reference frames. The theory is further applied to describe the Doppler effect, the twin paradox and the conservation of relativistic energy and momentum. The course concludes with a brief introduction to the general theory of relativity, curved spacetime and black holes.

Prerequisites: A minimum grade of C- in one of PHYS 109, PHYS 126 or PHYS 146, and in MATH 114.
**PHYS-208**

**Quantum Aspects of Physics**

3 Credits  Total (45-18-0)

This course begins with the experimental evidence leading to the development of quantum mechanics, including the photoelectric effect, the Compton effect, X-ray production and electron diffraction. Further topics include a discussion of the Heisenberg uncertainty principle and the Schrödinger theory of quantum mechanics, one dimensional potential wells and barriers, tunneling, the simple harmonic oscillator, atomic physics, the hydrogen atom and the periodic table. In the laboratory component of the course, students reproduce the details of various classical experiments leading to the discovery of the quantum nature of matter and light.  

**Prerequisites:** Minimum grade of C- in PHYS 109, PHYS 126, or PHYS 146, and in MATH 114.

**PHYS-212**

**Revolutions in Physics: The Structure of the Universe**

3 Credits  Weekly (3-0-0)

This course traces the development of our understanding of the physical universe from ancient to modern times. Students examine the nature of physics, its historical development, the development of physical theories, and the nature of scientific questions and answers. The focus of the course is epistemological aspects of physics rather than on systematic formulization and problem solving.  

**Prerequisites:** Minimum grade of C- in one of PHYS 109, PHYS 126 or PHYS 146.

**PHYS-224**

**Fluids and Heat**

3 Credits  Total (45-18-0)

Students learn the basic thermal properties of matter as well as properties of fluids. Topics include the static and dynamic behaviour of fluids, temperature, thermal expansion, ideal gas laws, thermal energy, specific and latent heats, calorimetry, heat transfer, thermal processes, the Carnot engines, refrigerators, and the laws of thermodynamics. Other topics include the kinetic theory of gases, mean free path, the laws of probability and statistical physics, enthalpy and entropy. In the laboratory component of the course, students investigate the physical properties of fluids and the thermal properties of matter.  

**Prerequisites:** A minimum grade of C- in one of PHYS 109, PHYS 126, or PHYS 146 and in MATH 114.

**PHYS-226**

**Optics and Sound Waves**

3 Credits  Total (45-18-0)

Students learn the basic principles of wave mechanics. Topics include simple harmonic motion, mechanical waves, sound waves, geometrical and physical optics. Students are introduced to applications such as microscopes, telescopes, Doppler radar, spectrometers, holograms, seismic waves and molecular vibrations. Advanced topics including matter waves and quantum properties of light is discussed. In the laboratory component of the course, students investigate the physical principles of mechanical waves, sound and light.

**Prerequisites:** A minimum grade of C- in PHYS 109, PHYS 126, or PHYS 146, and in MATH 114.

**PHYS-242**

**Physics of Planetary Exploration**

3 Credits  Weekly (3-0-0)

Students study the physical principles that govern the design of interplanetary missions within the Solar System. Topics include Newton’s Universal Law of Gravity, Kepler’s Laws of Planetary Motion, orbital elements, and the planning of transfer orbits between planets. Further topics include past, present, and future space missions and the operating principles of spacecraft instrumentation and sensors.

**Prerequisites:** A minimum grade of C- in one of PHYS 109, PHYS 126, or PHYS 146, and in MATH 114.

**PHYS-244**

**Mechanics**

3 Credits  Weekly (3-0-0)

This course expands on first-year mechanics, examining oscillating systems, normal modes, conservative forces, and energy. Lagrangian and Hamiltonian dynamics are introduced, including variational calculus, Hamilton’s Principle, generalized coordinates, constraints, Lagrange multipliers, the Hamiltonian, conservation laws, and Hamiltonian dynamics. Further topics include central forces, orbital motion, and scattering.  

**Note:** It is recommended that MATH 115 be taken concurrently with, or prior to taking this course.

**Prerequisites:** A minimum grade of C- in one of PHYS 109, PHYS 126, or PHYS 146, and a minimum grade of C- in MATH 114, and in MATH 120 or MATH 125.

**PHYS-250**

**Introduction to Biophysics**

3 Credits  Weekly (3-0-0)

In this course students apply physical principles learned in first year physics to biological problems. Topics such as biomechanics with an introduction to kinesiology; and transport of energy and materials in biological systems with an introduction to diffusion and motion in dissipative media; bio-fluid with an introduction to the cardiovascular system; the elastic properties of biological material, and biopolymers like DNA; and the electric properties of biomaterial with an introduction to the nervous systems.  

**Prerequisites:** A minimum grade of C- in PHYS 109, PHYS 126, or PHYS 146, or in CHEM 102, and in MATH 114.

**PHYS-255**

**Introduction to Robotics**

3 Credits  Total (45-18-0)

This course offers an introduction to basic concepts in robotics focusing on perception of the environment, locomotion, movement and pathway planning, power management, sustainable energy sources, control, and decision making. Students apply concepts learned through multidisciplinary projects in a laboratory setting.

**Prerequisites:** A minimum grade of C- in one of PHYS 109, PHYS 126, or PHYS 146.
COURSE DESCRIPTIONS

PHYS-261  
Physics of Energy  
3 Credits  
Weekly (3-0-0)  
This course first identifies the various forms of energy consumed by modern society. The conversion of energy is traced from natural resources to usable forms considering both the fundamental laws of thermodynamics and the practical concerns of cost and environmental consequences. Next, the benefits and drawbacks of non-renewable energy sources such as fossil fuels and nuclear power are discussed and compared to renewable sources such as hydroelectric and solar power. Finally, the development of alternative energy resources is discussed.  
Prerequisites: Minimum grade of C- in one of PHYS 109, PHYS 126 or PHYS 146.

PHYS-301  
Nuclear Physics  
3 Credits  
Weekly (3-0-0)  
This course is a study of the fundamental nuclear properties, the shell model, the collective model, stability of nuclei, isotopes, radioactive decay, nuclear reactions, kinematics, conservation laws, nuclear fission and fusion, nuclear reactors, particle accelerators, detectors, a brief introduction to particle physics and the Standard Model. The course also includes applications such as carbon dating, tracer techniques, cancer therapy and connections to astrophysics.  
Prerequisites: Minimum grade of C- in PHYS 208 and MATH 115.

PHYS-302  
An Introduction to Particle Physics  
3 Credits  
Weekly (3-0-0)  
What is the Universe made of at its smallest scale? From the humble electron to the massive Higgs boson, we follow the progress of the Standard Model as it classifies the myriad subatomic particles by their interactions and symmetries. Students apply the techniques of quantum mechanics and Feynman diagrams to calculate the properties of matter.  
Prerequisites: Minimum grade of C- in PHYS 200, PHYS 208 and MATH 115.

PHYS-308  
An Introduction to Semiconductors and Superconductors  
3 Credits  
Weekly (3-0-0)  
This course builds on PHYS 208 to provide students with a detailed understanding of the behaviour of condensed matter arising from the quantum nature of many particle systems at the microscopic level. Starting with probability distribution functions for classical thermodynamic systems, the theory is extended to quantum mechanical systems leading to a description of lasers. These tools allow the construction of models that explain the features of inter-atomic bonds, molecular spectra and the emergent properties of solids such as electrical conductivity, semiconductivity and superconductivity.  
Prerequisites: Minimum grade of C- in PHYS 208 and MATH 115.

PHYS-320  
Origin of the Elements  
3 Credits  
Weekly (3-0-0)  
This course studies the origin and evolution of the matter in the universe. Based on the current theories, the universe started with the Big Bang, created lighter elements such as hydrogen, helium, and lithium at early stages. The transmutation of these elements into heavier forms is then traced by examining the gravitational collapse of interstellar clouds that leads to stellar formation. The endpoint of this sequence, namely the production of new elements (nucleosynthesis) at the cores of stars and as a result of supernova events is discussed. During the course we also examine the suitable environments where the interaction of atomic material leads to the formation of complex compounds, molecules, and even the fundamental building blocks of life. Note: ASTR 122 is recommended.  
Prerequisites: Minimum grade of C- in any one of PHYS 208, 224, 244, and in MATH 115 and CHEM 102.

PHYS-324  
Origins of Planetary Systems  
3 Credits  
Weekly (3-0-0)  
This course focuses on how the Earth and the other planetary bodies in our solar system were formed, and makes comparisons between the planets in our solar system and those planets found around other stars in the Milky Way galaxy. During this course, two compelling questions will be addressed: "How common are Earth-like planets and are other planetary systems similar to ours and, if not, why not?"  
Prerequisites: A minimum grade of C- in PHYS 224 or in PHYS 244 or a minimum grade of C- in both EASC 206 and either MATH 113 or MATH 114.

PHYS-330  
Statistical Mechanics and Thermodynamics  
3 Credits  
Weekly (3-0-0)  
This course develops the laws of thermodynamics from a statistical perspective. Assuming a simple model for small-scale interactions between individual particles, the statistical representation of systems with a large number of such particles is constructed using simple probability theory. The rules governing how such systems evolve with time are discussed in terms of how they lead to the laws of thermodynamics. Additional applications of these tools is also discussed. Note: completion of PHYS 244 is recommended before taking this course.  
Prerequisites: A minimum grade of C- in MATH 115, PHYS 208, and PHYS 224.

PHYS-332  
Computational Physics  
3 Credits  
Weekly (3-0-0)  
This course introduces students to computational techniques used in physics. Topics include basic computational principles, differentiation and integration, ordinary and partial differential equations, matrix manipulation, variational techniques and stochastic methods, with application to physical systems in mechanics, heat and thermodynamics, waves, electromagnetism, quantum mechanics, condensed matter, geophysics, and biophysics.  
Prerequisites: Minimum grade of C- in MATH 115, and in any two of PHYS 208, PHYS 224, PHYS 226, PHYS 244, PHYS 250 or PHYS 252.
### COURSE DESCRIPTIONS

**PHYS-372**

**Quantum Mechanics**

3 Credits Weekly (3-0-0)

This course begins with the wave function and its physical interpretation. The Schrödinger equation is solved for free particles and one-dimensional potentials. Once the model becomes highly developed, solutions are extended to three-dimensional systems with orbital angular momentum. Practical applications of quantum mechanics are discussed. Course changed from PHYS 472.

**Prerequisites:** Minimum grade of C- in PHYS 208 and PHYS 244.

**PHYS-390**

**Advanced Physics Laboratory**

3 Credits Weekly (0-4-0)

This laboratory course introduces students to advanced experiments and analytical methods in physics. Methods of experimental design, experimental techniques, and error analysis are discussed. Students apply these methods to experiments selected from classical and modern physics.

**Prerequisites:** Minimum grade of C- in PHYS 208 and in one of PHYS 200, PHYS 224, PHYS 226, PHYS 244, PHYS 250 or PHYS 252.

**PHYS-398**

**Advanced Independent Study**

3 Credits Total (0-0-72)

This course permits a senior-level student to work with a faculty member to explore a specific topic in depth through research or through directed reading in primary and secondary sources. The student plans, executes and reports the results of their research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

**Prerequisites:** Consent of the department.

**PHYS-495**

**Special Topics in Physics and Astrophysics**

3 Credits Weekly (3-0-0)

In this course, students examine one or two topics of specialization in physics and/or astrophysics in-depth. Topics can vary with the interests of students and the instructor. Consultation with the department is required prior to registration.

**Prerequisites:** Consent of the department.

**PHYS-498**

**Advanced Independent Study**

3 Credits Total (0-0-72)

This course permits a senior-level student to work with a faculty member to explore a specific topic in depth through research or through directed reading in primary and secondary sources. The student plans, executes and reports the results of their research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

**PNRS-152**

**Foundations in Nursing Practice**

6 Credits Total (45-30-75)

Students develop and integrate foundational nursing knowledge and skills within classroom, laboratory, simulation, and health care settings, for basic client-centred care with an individual patient/client. Students receive an introduction to the nursing process and explore principles of teaching and learning within the context of promoting health, safety and comfort. Developmental and physiological considerations related to activities of daily living across the lifespan are discussed. Students incorporate communication skills in the development of a nurse-patient/client relationship, establishment of professional boundaries, and collaboration with other health care providers in the organization and implementation of direct care.

**Prerequisites:** Minimum grade of C- in HLST 154, HLST 159, NURS 150.

**PNRS-155**

**Mental Health Nursing I**

4 Credits Total (45-0-40)

Students develop the foundational knowledge, skills and attitudes required to provide client-centred, evidence-informed nursing care to clients in mental health settings. Students focus on recent trends, legislation, and selected ethical-legal and professional issues in mental health nursing; therapeutic milieu; and the application of therapeutic communication techniques across the lifespan. Students further examine nursing models and mental health theory applicable to mental health nursing. Students explore selected mental health pathologies, interventions, therapies, and basic counselling skills. Students apply communication theory and skills for the establishment of therapeutic nurse-client relationships in selected settings.

**Prerequisites:** Minimum grade of C- in PNRS 152.

**PNRS-252**

**Mental Health Nursing II**

4 Credits Weekly (4-0-0)

Students develop in-depth knowledge as well as the skills and attitudes required to provide client-centred, evidence-informed, holistic nursing care for persons experiencing selected common chronic and acute mental health issues and disorders. Students examine the related mental health pathologies, interventions and therapies, including psycho-pharmacology, psychosocial and alternative therapies. Students also explore selected ethical and legal issues. Students extend knowledge of group process and crisis intervention. The focus is on care of the individual within the context of family, community, and environment, and adaptations of nursing care across the lifespan.

**Prerequisites:** Minimum grade of C- in PNRS 155, PSYC 104, PSYC 105.Prerequisites or Co-requisites: HLSC 220, HLSC 222, NURS 252.
COURSE DESCRIPTIONS

PNRS-255
Psychiatric Nursing Practice, Adult Populations
3 Credits Weekly (3-0-0) Total (10-0-143)
Students focus on the application of knowledge, skills, and attitudes for holistic, client-centred, evidence-informed psychiatric nursing care of adult clients experiencing a broad range of chronic and acute mental health problems and disorders, in an inpatient setting. Students establish therapeutic relationships and collaborate with clients, their families, and members of the interprofessional and intersectoral teams to promote optimal health and provide culturally sensitive, age-appropriate, client-centred psychiatric nursing care.
Prerequisites: Minimum grade of C- in HLSC 220, HLSC 222, NURS 251, NURS 252, and PNRS 252.

PNRS-259
Psychiatric Nursing Practice, Special Populations
5 Credits Weekly (3-0-0) Total (10-0-143)
Students focus on the application of knowledge, skills, and attitudes for holistic, evidence-informed psychiatric nursing care of special populations, for clients experiencing a broad range of chronic and acute mental health problems and disorders. Students establish therapeutic relationships and collaborate with clients, their families, and interprofessional and intersectoral team members to promote optimal health and provide culturally sensitive, age-appropriate, ethical, client-centred psychiatric nursing care in a variety of settings.
Prerequisites: Minimum grade of C- in HLSC 220, HLSC 222, NURS 251, NURS 252 and PNRS 252.

PNRS-320
Trends and Issues in Mental Health Care
3 Credits Weekly (3-0-0)
Learners focus on evolving trends related to the management of complex mental health care problems experienced by at-risk groups across the lifespan. Consideration is given to culturally diverse individuals and groups with acute and chronic mental health issues. Emphasis is also placed on analyzing how legislative, technological, economic, and social forces impact health care planning and decision making in settings where mental health services are delivered. Prerequisites or Co-requisites: HLST 320.

PNRS-321
Child/Adolescent Mental Health
3 Credits Weekly (3-0-0)
Learners focus on evidence-informed holistic care of the child/adolescent with a mental health issue or disorder within the context of family and community. Also explored are the role and responsibilities of the psychiatric/mental health nurse in promoting optimal wellness with children, adolescents, families and communities that are affected by a mental health issue. Learners examine selected trends and issues specific to child/adolescent mental health. Prerequisites or Co-requisites: HLST 320 and HLST 321.

PNRS-352
Mental Health Nursing III
4 Credits Total (60-0-0)
Students develop in-depth knowledge as well as the skills and attitudes required to provide client-centred, evidence-informed nursing care for clients experiencing selected complex mental health issues and disorders. Students examine the related mental health pathologies, interventions, and therapies, including psychopharmacology, psychosocial, and alternative therapies, as well as related ethical and legal issues. Focusing on care of the individual within the context of family, community, and environment, students explore adaptations to nursing care across the lifespan. Knowledge and skills in group process, counseling, and crisis intervention are further enhanced. Transition to the role of the practicing psychiatric nurse is explored.
Prerequisites: Minimum grade of C- in NURS 341 and HLST 320.

PNRS-420
Community Mental Health
4 Credits Weekly (3-0-2)
Learners explore and apply theories and concepts related to community-based mental health nursing and examine mental health care initiatives applicable to community mental health. Emphasis is placed on health promotion/wellness, risk reduction, and therapeutic management across the lifespan within a framework that incorporates interprofessional and intersectoral collaboration.
Prerequisites: Minimum grade of C- in NURS 341 and HLST 320.

PNRS-421
Mental Health and the Law
3 Credits Weekly (3-0-0)
Learners analyze moral, ethical, legal, and regulatory issues impacting psychiatric/mental health nursing practice as it interfaces with legislative standards at the provincial and federal levels. Learners gather, research, and analyze several pieces of legislation affecting mental health clients at the macro level. They extend this knowledge to their local clinical/community level by examining operational/legal/regulatory issues from their local nursing practice.
Prerequisites: Minimum grade of C- in HLST 321.

PNRS-422
Leadership for Psychiatric Nursing Practice
3 Credits Weekly (3-0-0)
Learners explore leadership models, theories and styles and examine the relationship between leadership and management. A further emphasis is placed on the development and characteristics of effective leadership within the context of psychiatric/mental health nursing practice as well as professional and societal trends that influence psychiatric/mental health nursing practice and advancement of the profession. Consideration is also given to techniques for fostering creativity, influencing health policy, engaging in the change process, nurturing relationships and creating and maintaining a healthy workplace environment.
Prerequisites: Minimum grade of C- in HLST 320.
PNRS-423
Capstone Course
4 Credits  Weekly (1-0-6)
Learners synthesize acquired knowledge and skills and extend their depth and breadth in a selected area of psychiatric/mental health nursing. Through supervision by a faculty member and facilitation by approved community professionals, students formulate and operationalize an individual capstone project. Learners undertake a field experience that may take a variety of forms, including focused observation and data collection, role shadowing in leadership or clinical education, counselling, facilitation of groups, or clinical practice in a setting where mental health services are delivered. Learners complete a comprehensive literature review related to their selected topic and a substantive scholarly report/paper. 
Prerequisites: Minimum grade of C- in NURS 341, PNRS 320, and PNRS 321. Prerequisites or Co-requisites: PNRS 420, PNRS 421, and PNRS 422.

POLS-101
Introduction to Politics and Government
3 Credits  Weekly (3-0-0)
This course provides an introduction to a systematic study of the primary institutions and processes of modern government and the discipline of political science. Students explore the significant concepts, methods, approaches and issues of the discipline considered necessary for the study of politics. Topics include political power, political authority, sovereignty and the state, the nation, constitutionalism, international relations, political ideology, elections and electoral systems, democracy, and totalitarianism. Note: This course is the prerequisite for most second year political science courses.

POLS-110
Politics of Globalization
3 Credits  Weekly (3-0-0)
This course addresses the basic features - new actors and rules - of today's globalizing world. It discusses the opportunities and threats of globalization in both developing and developed countries. Specific topics and issues to be discussed include the following: the politics of trade, debt, transnational corporations, North-South relations, poverty, migration, as well as the impact of globalization on democracy and political change.

POLS-200
Comparative Political Systems
3 Credits  Weekly (3-0-0)
This course introduces the concepts, methods and substance of the field of comparative politics, covering selected developed and developing countries. Contemporary politics of the selected countries will be studied in their historical, social, and cultural contexts. Political and governmental institutions and public policies of the selected countries will be examined in relation to their responses to changing domestic and global environments. This is a core course in the field of comparative politics and a prerequisite for most 300- and 400-level courses in the field.
Prerequisites: Minimum grade of C- in POLS 101.

POLS-214
History of Political Thought I
3 Credits  Weekly (3-0-0)
This course introduces students to classical and medieval political thought through the careful reading of primary texts. Authors studied may vary from year to year and section to section, but each is considered somehow representative or thematically significant to the period in question. Names typically examined include Homer, Aristophanes, Plato, Aristotle, Cicero, St. Augustine, and Thomas Aquinas. Note: This is a core course in the field of political philosophy. 
Prerequisites: Minimum grade of C- in POLS 101.

POLS-221
Canadian Political Realities
3 Credits  Weekly (3-0-0)
This course is an introductory course in Canadian politics designed for students who do not intend to take more senior courses in the field of Canadian politics. The course involves study of the politics of institutions and the processes of the government of Canada. Students demonstrate understanding of the major challenges facing Canada in its political development. Note: This course does not count toward the senior level credit requirement for the major/minor or honours.

POLS-224
Canadian National Government I
3 Credits  Weekly (3-0-0)
This course introduces students to the institutions, processes, concepts and compelling issues of Canadian politics. Topics to be covered include the constitution and federalism, region and province, French Canada and Quebec, Aboriginal Peoples, gender, class, and Canada's role in the world. 
Prerequisites: Minimum grade of C- in POLS 101.

POLS-225
Canadian National Government II
3 Credits  Weekly (3-0-0)
This course introduces students to the institutions, processes, concepts and compelling issues of Canadian Politics. Topics to be covered include political process, political parties, elections and representation, Parliament, the executive, bureaucracy, the judiciary, and fiscal, economic and other policy issues in Canada.
Prerequisites: Minimum grade of C- in POLS 224.
COURSE DESCRIPTIONS

POLS-261
Asia Pacific Political Systems
3 Credits Weekly (3-0-0)
The purpose of this survey course is to introduce students to the political systems of ten Asia-Pacific countries: China, including Hong Kong and Taiwan, Brunei; Indonesia; Singapore; Malaysia; The Philippines; Japan; South Korea; Thailand; and Vietnam. This dynamic region of the world exhibits a range of political systems, from constitutional monarchies to one-party dominant states. This course emphasizes the linkages between the economic and political development and the cultural catalysts and obstacles to both processes. The processes of regional and global economic integration of the countries in the region are discussed. The course explores other topics such as the following: constitutional development, legislature, political executive, judiciary, political culture and socialization, political parties and pressure groups, public opinion and the mass media, public enterprises and bureaucracy; and foreign policy. Note: This course does not count toward the senior level credit requirement for the major/minor or honours.

POLS-263
Issues in Global Politics
3 Credits Weekly (3-0-0)
The course focuses on the changes of global politics since the end of the Cold War including globalization, the environment, the role of the United Nations and other international organizations such as the World Bank, and North-South relations. Note: This course does not count toward the senior level credit requirement for the major/minor or honours.

POLS-264
Introduction to World Politics
3 Credits Weekly (3-0-0)
This course introduces students to the study of global politics. Topics include the theories of international relations, the dynamics of interaction among states and non-state actors, the nature of power, globalization, foreign policy, war and peace, international political economy, international organizations and, international law. 
Prerequisites: Second year standing.

POLS-265
International Relations II
3 Credits Weekly (3-0-0)
This course examines major issues in the global political economy and global governance. Topics include the theoretical approaches to international political economy, international trade, global finance, multinational corporations, international development assistance, North-South relations, migration, the UN and global governance, international law, regional integration, the environment, international terrorism, and human rights. 
Prerequisites: Minimum grade of C- in POLS 264.

POLS-304
Topics in European Politics
3 Credits Weekly (3-0-0)
This course focuses on the analysis of selected issues in European Politics. It includes theoretical, empirical, institutional, and policy analysis, as well as a research component. For detailed information concerning the current course offering please consult the department. Note: This course can be taken up to two times, provided the course topic is different. 
Prerequisites: A minimum grade of C- in POLS 200.

POLS-307
Continental Political Thought
3 Credits Weekly (3-0-0)
This course carefully examines the major themes that develop within the tradition of 19th and 20th century Continental Political Thought beginning with German Idealism and ending with Existentialism. Authors to be studied may include Immanuel Kant, G.W.F. Hegel, Friedrich Nietzsche, and Martin Heidegger. 
Prerequisites: Minimum grade of C- in POLS 210 or POLS 214 and POLS 215.

POLS-308
Political Thought of the Enlightenment
3 Credits Weekly (3-0-0)
This course introduces students to the central works in political philosophy of the Enlightenment. In studying classic texts from the French, British, and American Enlightenments, the course further aims to discern, within these texts, the intellectual sources of liberal modernity. Students study the work of some of the following: Thomas Hobbes, John Locke, Adam Smith, Jean-Jacques Rousseau, Montesquieu, Benjamin Constant, The Federalist, Thomas Jefferson and Alexis de Tocqueville. 
Prerequisites: Minimum grade of C- in POLS 210 or POLS 214 and POLS 215.

POLS-309
Topics in Ancient Political Philosophy
3 Credits Weekly (3-0-0)
This course carefully examines one or more of the classic texts of ancient political philosophy. The course is organized around a major concern of ancient political philosophy. Potential topics include: the nature of political community, sources of civic virtue, rhetoric, classic natural right and the relationship of philosophy to politics. Addressing these topics entails the careful study of major texts by some of the following: Plato, Xenophon, Aristotle, Cicero, Lucretius and St. Augustine. 
Prerequisites: Minimum grade of C- in POLS 210 or POLS 214 and POLS 215.

POLS-310
Comparative Political Thought
3 Credits Weekly (3-0-0)
This course examines political thought outside the traditional boundaries of the Western practice of political philosophy and political theory. The course further examines the central and in some instances foundational texts from these non-Western political traditions. The texts are read with an eye to the continuing role they play within their respective political traditions and special attention to the enduring insights they possess for political life per se. Finally these texts are read in light of the fruitful dialogue and creative tension that has arisen through their contact, both historically and in the present, with Western political thought and practice. 
Prerequisites: Minimum grade of C- in POLS 210 or POLS 214 and POLS 215.
POLS-312 Political Philosophy and Political Theology 3 Credits Weekly (3-0-0)
This course examines the dialogue between reason and revelation, faith and philosophy in the three Abrahamic traditions. The course considers this essential tension in Western thought through careful study of classic treatments in the Jewish, Christian and Islamic traditions. To this end, students critically consider some of the following texts: Genesis, City of God (Augustine), Summa Theologica (Aquinas), the Guide for the Perplexed (Maimonides), the Decisive Treatise (Ibn Rushd), The Attainment of Happiness (Al-Farabi).
Prerequisites: Minimum grade of C- in POLS 210 or POLS 214 and POLS 215.

POLS-315 Contemporary Liberal Thought 3 Credits Weekly (3-0-0)
This course is devoted to the exploration of contemporary liberal political thought. It covers selected readings from recent liberal philosophers and their critics, as well as considering debates about the values of liberalism in their application to public issues such as distributive justice, multiculturalism, and religion in society.
Prerequisites: Minimum grade of C- in POLS 210 or POLS 214 and POLS 215.

POLS-324 Topics in Canadian Politics 3 Credits Weekly (3-0-0)
This course provides discussions and analyses of selected topics in Canadian Politics. The topics include: multiculturalism, immigration & immigrants, national unity and regionalism, parliamentary reforms, the Charter of Rights and Freedoms and any judicial review, public policy, role of the public sector, powers of the local government, women in government, and politics environmental protection. The current state of each of the topics is examined with reference to its historical evolution. Different theoretical perspectives on each of the topics are outlined and evaluated. Relevant government policies and policy alternatives proposed by political parties and interested groups are examined, analyzed and critically assessed.
Prerequisites: Minimum grade of C- in POLS 220 or POLS 224 and POLS 225.

POLS-325 Canadian Political Economy 3 Credits Weekly (3-0-0)
This course provides a study of the Canadian political economy. The scope of the topic is mapped out with a conceptual discussion and a review of the historical evolution of key issues, institutions and policies. Various theoretical perspectives on the topic are discussed and evaluated. Current policy issues and institutional stakeholders are identified, and relevant government policies and policy alternatives on the issues are examined and analyzed.
Students apply theoretical perspectives to explain and assess the policies and policy alternatives.
Prerequisites: Minimum grade of C- in POLS 220 or POLS 224 and POLS 225.

POLS-326 The Canadian Constitution 3 Credits Weekly (3-0-0)
This course is devoted to the exploration of Canada's legal and constitutional system and the role and import of Canada's constitution in our politics and culture.
Prerequisites: Minimum grade of C- in POLS 220 or POLS 224 and POLS 225.

POLS-327 Politics of Identity in Canada 3 Credits Weekly (3-0-0)
This course is devoted to the exploration of the role of identities in Canadian politics and political culture. Among the core areas of interest in this area are questions about the relationship of indigenous peoples to the state, the role and cultural influence of the country's earliest settlement groups, regional and provincial sources of identity, ethnicity, immigration and multiculturalism, gender, socio-economic class and emergent forms of politically salient identity, and Canadian national identity.
Prerequisites: Minimum grade of C- in POLS 224 and POLS 225.

POLS-329 Canadian Federalism 3 Credits Weekly (3-0-0)
This course is devoted to the systematic study of the evolution, institutions, challenges, and theoretical underpinnings of the Canadian Federal system.
Prerequisites: Minimum grade of C- in POLS 224 and POLS 225.

POLS-345 Issues in Globalization and Governance 3 Credits Weekly (3-0-0)
This course offers a comprehensive study of some of the major issues in the areas of Globalization and Global Governance. Topics include: Global Governance theory, the Global Political Economy, Global Security Challenges, the Global Financial System, the Global Civic Ethic, Poverty and Globalization, UN Reform, and the Global Environmental Challenge.
Prerequisites: Minimum grade of C- in POLS 260 or POLS 200 or POLS 264 and POLS 265.

POLS-349 Topics in International Politics 3 Credits Weekly (3-0-0)
The course is geared to current controversial issues in international relations. Selected topics will come from international political economy, the international strategic system, global challenges, and international relations theory.
Prerequisites: Minimum grade of C- in POLS 260 or POLS 264 and POLS 265.

POLS-357 The Third World in Global Politics 3 Credits Weekly (3-0-0)
This course discusses the challenges facing the Third World in the global economy. Students focus on the specific constraints faced by the developing countries in the era of globalization, while assessing opportunities and options for overcoming the structural constraints. The institutional underpinnings of the Third World Movement - the Non-aligned Movement and the Group of 77 - as well as the specific regional and inter-regional responses to globalization are addressed.
Prerequisites: Minimum grade of C- in POLS 200.
POLS-361
Conflicts and Civil Wars in International Relations
3 Credits  Weekly (3-0-0)
Large-scale violence associated with interstate and intrastate conflict and war continues to have undeniable relevance for all of humanity. Given the rise of ethnic conflicts in Europe and proliferation of advanced weapons technology worldwide, providing answers to pressing questions about the onset and escalation of war is imperative in the aftermath of the Cold War. This course examines the theoretical and empirical knowledge on the causes of interstate wars and civil wars.
Prerequisites: Minimum grade of C- in POLS 264 and POLS 265.

POLS-362
Pursuit of Peace in World Politics
3 Credits  Weekly (0-0-3)
A dominant feature of the post-World War II international system is the willingness of states and international organizations to intervene, often forcefully, to manage conflicts. This course will examine the theoretical and empirical foundations of the study of conflict management since the end of the Second World War.
Prerequisites: Minimum grade of C- in POLS 264 and POLS 265.

POLS-364
International Political Economy
3 Credits  Weekly (3-0-0)
This is a critical examination of the conjunction of a series of market and political issues in international affairs, including the major facets of globalization. The course uses major theoretical perspectives to explain the intersection of states and markets in the global economy. Topics examined include the following: the global trading system, foreign direct investment, foreign portfolio investment, international debt problems, the impact of the international financial institutions, North-South relations, and balancing development with environmental protection.
Prerequisites: Minimum grade of C- in POLS 260 or POLS 200; or POLS 264 and POLS 265.

POLS-365
Canadian Foreign Policy
3 Credits  Weekly (3-0-0)
This is an overview of the significant post-Second World War developments in Canadian foreign policy. This course assesses Canada’s foreign policy priorities, orientations and sources. Topics addressed include the following: Canadian security, development assistance, role in international organizations, Canada and the global economy, the human security agenda, and the role of non-governmental organizations in shaping Canadian foreign policy.
Prerequisites: Minimum grade of C- in POLS 220 or POLS 260; or POLS 224 and POLS 225; or POLS 264 and POLS 265.

POLS-371
Politics in China
3 Credits  Weekly (3-0-0)
This course examines Chinese politics in its historical, cultural, social, and global settings. The focus of this course is on the responses of China’s political system to its domestic and international challenges in the modern time.
Prerequisites: Minimum grade of C- in POLS 200 or POLS 261 or POLS 263.

POLS-373
Politics in India
3 Credits  Weekly (3-0-0)
This course examines the Indian political system in its historical, cultural, social, and global settings. The responses of the modern political system to India’s domestic and international challenges are studied in combination with the impact of the colonial experience on the politics of India.
Prerequisites: Minimum grade of C- in POLS 200 or POLS 261 or POLS 263.

POLS-375
Politics of East Asia
3 Credits  Weekly (3-0-0)
This course provides comparative studies and analyses of politics of East Asia. Focused topics include politics of China, Hong Kong, Taiwan, Japan, and Korea. Comparisons and analyses cover a variety of subjects such as political institutions and processes, ideologies, and public policies.
Prerequisites: Minimum grade of C- in POLS 200 or consent of the department.

POLS-376
Issues in Development Studies
3 Credits  Weekly (3-0-0)
This course provides an understanding of the core theoretical and practical development-related issues confronting countries in Africa, Asia, and Latin America. It presents the contending development theories, while focusing on the significant development challenges facing the developing countries - both domestic and global.
Prerequisites: Minimum grade of C- in POLS 200 or POLS 260; or POLS 264 and POLS 265.

POLS-399
Empirical Research Methods in Political Science
3 Credits  Weekly (2-1-0)
This course is a general introduction to empirical research methods in Political Science. Students learn the logic and working assumptions behind empirical research in Political Science, and gain practice with those methods to ask and answer specific research questions in Political Science using a statistical software.
Prerequisites: A minimum grade of C- in POLS 101 and 6 credits of 200-level POLS courses.

POLS-410
Topics in Political Philosophy
3 Credits  Weekly (0-0-3)
This is a seminar course for students interested in advanced study of specialized areas of political philosophy. This course is devoted to the detailed study of a single topic. Examples of topics include the following: virtue and politics, theories of the State, the limits of reason, and problems of political community.
Prerequisites: Minimum grade of C- in POLS 210 or POLS 214 and POLS 215.
**POLS-414**
Theory and Method in Political Science and Political Philosophy
3 Credits Weekly (0-0-3)
Beginning with Aristotle’s Politics, students trace the development of the distinctive mode of enquiry that is political science. While considering the question “What is political science?” students examine the work of significant philosophers who have attempted an answer to that same question. The contributions by a selection of the following historical and contemporary political philosophers will be included: Aristotle, Cicero, St. Thomas Aquinas, Niccolo Machiavelli, Giambattista Vico, G.G. Hegel, Friedrich Nietzsche, Eric Voegelin, Michael Oakeshott, Michel Foucault & Leo Strauss.
Prerequisites: Minimum grade of C- in POLS 210 or POLS 214 and POLS 215.

**POLS-424**
Advanced Topics in Canadian Politics
3 Credits Weekly (0-0-3)
This is a seminar course for students interested in advanced study of specialized areas of Canadian politics. This course is devoted to the detailed study of a single topic area. Examples of topic areas include democracy and democratic reform, electoral politics and political parties, Canadian political thought, the Charter of Rights and judicial review, political cleavages in Canada, the politics of environmentalism, and the media and politics in Canada.
Prerequisites: Minimum grade of C- in POLS 225.

**POLS-426**
Canadian Law and Politics
3 Credits Weekly (0-0-3)
This course is devoted to the systematic study of the issues, history, and scholarly commentary associated with law, politics, and the judicial process in Canada. The course will include consideration of topics such as legal theory, judicial politics and issues of judicial selection and appointment, the implications of rights review for democracy, and core cases in constitutional litigation. The course concludes with student participation in a simulated legal case on a constitutional issue.
Prerequisites: Minimum grade of C- in POLS 326 or POLS 329 or consent of the department.

**POLS-429**
Executive Federalism
3 Credits Weekly (0-0-3)
This course is devoted to the systematic study of the issues, history, and scholarly commentary on executive federalism in the Canadian context. This study of federal interactions between high level officials such as the Prime Minister and the provincial premiers includes consideration of issues such as province-building, inter-governmental diplomacy, and the contextual role of political leaders in policy outcomes. The course concludes with student participation in a model First Ministers’ Conference.
Prerequisites: Minimum grade of C- in POLS 326 or POLS 329.

**POLS-431**
Globalization and the Canadian Political Economy
3 Credits Weekly (0-0-3)
This course provides a study of the interaction between the globalization process and the Canadian political economy. Canadian contributions to the evolution of the international policy framework on global issues such as trade and investment, Third World development, and environment are examined and evaluated. The roles of key Canadian government institutions and interest groups in the globalization process are outlined and analyzed. The domestic debates on selected current policy issues are discussed to demonstrate the impacts of globalization on Canadian politics and the variety of Canadian institutional responses to such impacts.
Prerequisites: Minimum grade of C- in POLS 220 or POLS 260; or POLS 224 and POLS 225; or POLS 264 and POLS 265.

**POLS-461**
Selected Topics in International Politics
3 Credits Weekly (0-0-3)
This course focuses on selected contemporary topics in the sub-fields of international relations. Students undertake a detailed analysis of a specific topic. The topic studied is determined by faculty expertise and changes from year to year.
Prerequisites: Minimum grade of C- in POLS 260 or POLS 264 and POLS 265.

**POLS-468**
International Organization
3 Credits Weekly (0-0-3)
This is a comprehensive examination of the evolution, functions and relevance of international organizations. The course includes an active learning component, using simulation of the United Nations or the Organization of American States. It also deals with global governance as well as specific issue-areas such as human rights, peace, disarmament, development, and the environment.
Prerequisites: Minimum grade of C- in POLS 260 or POLS 264 and POLS 265.

**POLS-470**
Selected Topics in Comparative Politics
3 Credits Weekly (0-0-3)
In this seminar, students analyse issues and theories of comparative politics in the context of a selected geographical region, and they discuss options and models for the political development of countries in the specific region.
Prerequisites: Minimum grade of C- in POLS 200.

**POLS-471**
Comparative Development
3 Credits Weekly (0-0-3)
This seminar compares politics of two developing countries: China and India. The course addresses the distinctive developmental issues and common political challenges facing both countries and distinctive developmental issues in each of these countries. Theoretical perspectives on political development are examined.
Prerequisites: Minimum grade of C- in any of POLS 371, 373, 375 and 376.

**POLS-490**
Advanced Study in Political Science
3 Credits Weekly (0-0-3)
This course focuses on the analysis of selected issues in the fields of Canadian Politics, Comparative Politics, International Relations or Political Philosophy. It includes a detailed research component. This is a required course in the Political Science major.
Note: This course may be taken up to two times provided the course topic is different.
Prerequisites: A minimum grade of C- in POLS 214 and 215, POLS 224 and 225, and POLS 264 and POLS 265; or consent of the department.
POLS-498
Individual Study
3 Credits Total (0-0-45)
The individual study course provides senior students with an opportunity to explore a research topic in greater detail than is otherwise possible at the undergraduate level. The student works in consultation with and under the supervision of a member of the department with the requisite expertise. An individual study course includes directed reading and library research, and/or field research followed by a public presentation of that research. Students may opt to execute research proposed through a prior independent study course and prepare a research paper to publication standards. Prerequisites: Consent of the department.

POLS-499
Honours Thesis
3 Credits Total (0-0-45)
Under the direction of a faculty supervisor registered students conduct a research project culminating in a written Honours Thesis with oral defense. This course is restricted to students in the Honours Political Science Program and may only be taken in their final year of the program. Prerequisites: Consent of the department.

PREL-205
Intro to Public Relations
1 Credit Weekly (1-0-0)
Introduction to Public Relations provides an overview to the public relations profession - what it is, where it fits in the business model, and how it contributes to business success. Both strategy and tactics are presented. Students are introduced to issues and trends in public relations with an emphasis on ethics and professionalism in the practice.

PREL-230
Public Relations Fundamentals and Practice
3 Credits Weekly (3-0-0)
Public Relations Fundamentals and Practice is an overview of the public relations profession: what it is, how it is practiced and the role of a public relations practitioner. Students learn that public relations is a profession with its own distinct body of theory and knowledge. Students examine the history, role and purpose of public relations in society and examine the fundamental concepts of strategic communication. As well, students are introduced to the ethics and professionalism inherent in the practice and process of public relations.

PREL-233
Media Relations and Mass Media
3 Credits Weekly (3-0-0)
Students explore current theories and practices on how the media functions in society today and learn practical approaches to media relations for the public relations profession. Students apply strategies and techniques for providing media relations expertise in a variety of professional settings.

PREL-238
Public Relations and Digital Media
3 Credits Weekly (3-0-0)
Students gain a working knowledge of new digital media such as blogs, social networking sites and internet forums. Instruction is provided on the ongoing history of new media and the impact they are having on society and the public relations profession. Students learn how organizations use these media to communicate with their key publics and how to analyze and interpret new media content. Students are introduced to the composition basics of a variety of new media vehicles. Note: it is recommended that PREL 230 - Public Relations Fundamentals and Practice be completed before or taken concurrently with this course.

PREL-240
Integrated Marketing Communications
3 Credits Weekly (3-0-0)
Unprecedented message clutter and a more selective consumer spell new challenges for organizations of all types. Students examine how the disciplines of public relations and marketing and communications are closely linked through the concepts of Integrated Marketing Communications (IMC). Students learn how IMC incorporates activities designed to build relationships with consumers, and can employ a wide range of communication tools, both traditional and non-traditional. Students learn the principles of advertising and promotions and how the industry operates today. Participants develop an integrated marketing plan that incorporates both strategic and tactical thinking.

PREL-241
Writing for PR
3 Credits Weekly (3-0-0)
Students apply the skills in writing style and structure acquired in PROW 211. Students develop a working knowledge of new digital media such as blogs, social networking sites and internet forums. Students explore current theories and practices on how the media functions in society today and learn practical approaches to media relations for the public relations profession. Students apply strategies and techniques for providing media relations expertise in a variety of professional settings.

PREL-242
Internal Communications and Organizational Dynamics
3 Credits Weekly (3-0-0)
Students learn theories and concepts of organizational dynamics and structures and how they impact internal communication. Students apply internal communication theory and concepts to various tools and techniques including intranet and email. Students also learn presentation techniques and professional ethics, values and practices. Prerequisites: PREL 230.
PREL-245 Communications Research and Planning
3 Credits Weekly (3-0-0)
Students learn the role of formal and informal research in the public relations process and how to apply it in a communications context. Students experience the research process through the development of a strong research question, applying appropriate methodology and data collection methods, and collecting and analyzing data. This information is used to create and present a communications plan, giving students a well-rounded experience in essential analysis and problem solving.

PREL-246 Issues and Reputation Management
3 Credits Weekly (3-0-0)
Organizations and governments face intense public scrutiny in an increasingly competitive environment. Students examine how issues originate and the impact of issues on the reputation of the organization. Students learn the communication strategies, tools and techniques applied by an organization to communicate its image to key publics and to manage reputational damage.

PREL-250 Professional Practicum
5 Credits Total (0-0-294)
Students gain first-hand experience in the public relations profession. Students are supervised in a public relations setting over an eight-week period where they apply the skills and abilities learned in the classroom setting. All program courses and requirements must be successfully completed before students embark on their practicum component. Prerequisites: All courses in the PR diploma program must be successfully completed before the practicum can be taken.

PROW-210 Advanced Business Writing
3 Credits Weekly (3-0-0)
In this course, students examine the consequences of their language choices within a business context. They are encouraged to examine and analyze the social, political and legal ramifications of their language use in a variety of business documents. They use dictionaries and style guides, sentence structures, mechanics and stylistics as tools to facilitate communications outcomes for an organization. Ultimately, business students leave the course with increased explanatory power and advanced written communication skills. Note: Credit can only be obtained in one of PROW 210 Advanced Business Writing or PROW 100 Foundations of Composition. Prerequisites: BUSN 200 or BUSN 201.

PSSC-121 Law and the Administration of Justice
3 Credits Weekly (3-0-0)
Students learn the principles, practice and philosophy of the Canadian judicial system with emphasis on the criminal trial process. A review of the structure of the Canadian court system, statute law, case law, and the civil court trial process are included.

PSSC-122 Criminal Law
3 Credits Weekly (3-0-0)
Students learn the Criminal Code and selected Alberta provincial statutes. The emphasis is on an in-depth analysis of selected criminal offences. The elements of a crime, pre-trial criminal procedures, and the nature and significance of the Canadian Charter of Rights are also discussed. Note: It is recommended that PSSC 121 be taken concurrently with or prior to this course.

PSSC-123 Legal Evidence in Criminal Investigations
3 Credits Weekly (3-0-0)
Students learn the laws of evidence as they relate to criminal procedures and trials. Students briefly review the laws of evidence that relate to civil proceedings. Drawing upon the Canada Evidence Act and selected statutes, students explore legal defences and the powers of search and seizure. Students also analyze the rules that relate to obtaining statements, admissions, confessions and presenting evidence in court. Prerequisites: PSSC 121.

PSSC-124 Investigative Law
3 Credits Weekly (3-0-0)
Students learn the Criminal Code, selected Alberta provincial statutes and examine statutes and procedures applicable to civil and administrative tribunals. The elements of a crime, pre-trial criminal procedures and the nature and significance of the Canadian Charter of Rights are also discussed.

Note: It is recommended that PSSC 121 be taken concurrently with or prior to this course. Prerequisites: PSSC 121.
PSSC-133
Legal Evidence in Investigations
3 Credits Weekly (3-0-0)
In this course, students examine the laws of evidence related to both criminal and civil trials and to administrative proceedings. Drawing upon the Canada Evidence Act and other selected statutes, students explore the ways in which these acts and statutes influence civil, criminal and administrative procedures. Students compare the discovery process in civil proceedings with criminal matters and review the powers of search and seizure, the rules related to statements, admissions and confessions, and the laws that govern the presentation of evidence in court.
Prerequisites: PSSC 121.

PSSC-141
Interpersonal Skills
3 Credits Weekly (3-0-0)
Students increase their understanding and awareness of the impact of their behaviour on others. Students examine personality types, leadership styles, gender and cultural issues, and the influence these factors have on the development of effective human relations.

PSSC-151
Security Programs and Risk Management
3 Credits Weekly (3-0-0)
Students learn about the security profession in Canada and examine current security practices. Students learn the components of a comprehensive security program and focus on the operational activities involved in risk management. Emphasis is placed on risk identification, quantification, prioritization, and the risk transfer process.

PSSC-152
Loss Prevention Program Management
3 Credits Weekly (3-0-0)
Students learn the elements of the loss prevention component of a comprehensive security management program. The course focuses on the operational activities involved in the development, implementation, and maintenance of a loss prevention program. Consideration is given to policy and procedure development, training program development, and program evaluation.

PSSC-203
Forensic Science
3 Credits Weekly (3-0-0)
This course provides an in-depth study of the methods of recognizing, collecting, preserving, examining, and presenting physical evidence found at a crime scene. The operations and functions of the forensic crime lab are also studied.

PSSC-204
Forensic Investigation
3 Credits Weekly (3-0-0)
Students analyze the processes involved in the recognition, development, and identification of fingerprints and other forensic evidence. Students also examine specific techniques to investigate criminal cases.
Prerequisites: PSSC 102 and PSSC 203.

PSSC-212
Abnormal Behaviour and Crime
3 Credits Weekly (3-0-0)
Students learn the major mental disorders and their relationship to criminal behaviour. The focus is on recognizing, understanding and effectively responding to situations involving individuals displaying abnormal behaviour.
Prerequisites: PSYC 104 or PSYC 100.

PSSC-224
Leadership Skills
3 Credits Weekly (3-0-0)
Students learn the communication skills needed to be effective as leaders in business and professional organizations. The focus is on the theory and skills required to be an effective communicator in a variety of contexts involving individuals, groups and teams.

PSSC-252
Investigations I
3 Credits Weekly (3-0-0)
This course examines the fundamental investigative techniques used in security investigations. The course gives an overview of the investigative planning process, the nature and types of forensic evidence, and the techniques involved in the collection, identification, and assessment of evidence.

PSSC-253
Investigations II
3 Credits Weekly (3-0-0)
In this course, students examine and apply evidence search and collection techniques, incident scene drawing, and criminal court presentation procedures. Students also select and evaluate specific techniques to investigate criminal cases.
Prerequisites: PSSC 252.

PSSC-262
Integration Seminar
1 Credit Weekly (0-0-1)
Students integrate theory and practice by linking the knowledge, skills and values gained in the classroom with issues experienced in the field placement.
Co-requisites: PSSC 272.

PSSC-263
Integration Seminar
1 Credit Weekly (0-0-1)
Students integrate theory and practice by linking the knowledge, skills and values gained in the classroom with issues experienced in the field placement.
Co-requisites: PSSC 273.

PSSC-272
Field Placement
4 Credits Weekly (0-0-15)
This course provides the student with related practical field experience. The placement offers the unique opportunity to observe and participate in a variety of learning activities related to the field.
Co-requisites: PSSC 262.

PSSC-273
Field Placement
4 Credits Weekly (0-0-15)
This course provides the student with related practical field experience. The placement offers the unique opportunity to observe and participate in a variety of learning activities related to the field.
Co-requisites: PSSC 263.

PSSC-283
Emergency Planning and Response
3 Credits Weekly (3-0-0)
Students learn the stages involved in the planning, implementation and management of an organization’s response to emergencies, disasters, and crisis situations. The emphasis is on the emergency response and disaster recovery phases.

PSSC-293
Emergency Management
3 Credits Weekly (3-0-0)
Students learn the planning and implementation processes involved in the management of emergencies, disasters, and crisis situations. Key components are risk management, emergency response, crisis management, and disaster recovery.
### PSYC-100
**Applied Introductory Psychology**
*3 Credits  Weekly (3-0-0)*
This course provides an introduction to the field of psychology and the application of psychological concepts and methods. Specific topics include an overview of modern day psychology and its history, the application of psychological research methods to test the validity of conclusions, the biological bases of behavior, learning through conditioning, memory, motivation and emotion, human development across the lifespan and personality theory, research and assessment.

### PSYC-104
**Introductory Psychology I**
*3 Credits  Weekly (3-0-0)*
A survey of natural science topics in Psychology. The course covers the evolution of psychological sciences, research methods, biological psychology, consciousness, principles and development of perception, motivation, learning, and their relationship to the psychological functioning of the individual. If both PSYC 104 and PSYC 105 are to be taken it is recommended that students take PSYC 104 before taking PSYC 105.

### PSYC-105
**Introductory Psychology II**
*3 Credits  Weekly (3-0-0)*
A survey of social science topics in Psychology. This course is an introduction to the study of individual and social behavior including individual differences in behavior, thought, intelligence, human development, personality, social behavior, stress responses, as well as psychological disorders and their treatment. If both PSYC 104 and PSYC 105 are to be taken it is recommended that students take PSYC 104 before taking PSYC 105.

### PSYC-120
**Cognition and Self-Regulation**
*3 Credits  Weekly (3-0-0)*
This course is intended to provide students with cognitive and self-regulation strategies (e.g., motivation, self-efficacy, goal setting) that are critical skills for application within academic contexts. These strategies are based on principles in psychology and education, and are used to build a foundation of skills to enhance learning. Assignments and class exercises emphasize the student's application of cognitive strategies and self-regulation in order to meet course goals.

**Prerequisites:** Recommendation of the department and consent of program.

**Co-requisites:** Concurrent registration in a minimum of one 3 credit program course.

### PSYC-212
**Introduction to Research Methods in Psychology**
*3 Credits  Weekly (3-0-0)*
This course provides an introduction to experimental and non-experimental methods in psychology. Topics covered include philosophy of science; measurement; reliability and validity of methods, measures, and effects; survey design; correlational, experimental, quasi-experimental, longitudinal and single-subject designs; biases in experimentation; and research ethics.

**Prerequisites:** Minimum grade of C- in PSYC 104 and PSYC 105 or STAT 151 or equivalent.

### PSYC-223
**Developmental Psychology**
*3 Credits  Weekly (3-0-0)*
Many aspects of human nature and behavior change during the process of human development. This course reviews the physical, sensory, motor and cognitive changes during various developmental stages. Development in infancy, childhood and adolescence is emphasized.

**Prerequisites:** Minimum grade of C- in PSYC 104 and PSYC 105.

### PSYC-233
**Personality**
*3 Credits  Weekly (3-0-0)*
In this survey of Personality Psychology, the student is introduced to a number of theoretical perspectives and methodological approaches to the study of Personality. Additionally, assessment methods and research relevant to the study of personality are reviewed.

**Prerequisites:** Minimum grade of C- in PSYC 104 and PSYC 105.

### PSYC-241
**Social Psychology**
*3 Credits  Weekly (3-0-0)*
This course is a survey of theories and research on topics such as attitudes and attitude change, person perception, attraction, pro-social behavior, aggression and applied social psychology. **Note:** PSYC 241 and SOCI 241 may not both be taken for credit.

**Prerequisites:** Minimum grade of C- in PSYC 105 or in SOCI 100.

### PSYC-258
**Cognitive Psychology**
*3 Credits  Weekly (3-0-0)*
This course surveys a number of topics in cognitive psychology including perception, attention, knowledge representation, memory, learning, language, reasoning, and problem solving.

**Prerequisites:** Minimum grade of C- in PSYC 104 and PSYC 105.

### PSYC-267
**Perception**
*3 Credits  Weekly (3-0-0)*
This course is an introduction to the theoretical and experimental issues associated with the sensory and perceptual experience of the world. The main emphasis is on understanding basic perceptual phenomena, such as the relation between physical stimuli and experience. To this end, we must consider: The nature of the physical stimuli; the anatomy and physiology of the sense organs and receptors; the anatomy and physiology of the neural paths from receptors to the brain; how the brain processes sensory information; and the procedures used by researchers to obtain information about these systems.

**Prerequisites:** Minimum grade of C- in PSYC 104.

### PSYC-275
**Brain and Behaviour**
*3 Credits  Weekly (3-0-0)*
This course is an introduction to physiological psychology. Topics include sensation, perception, movement, motivation, memory, cognition, learning, and emotion from a biological point of view.

**Prerequisites:** Minimum grade of C- in PSYC 104. (Biology 30 or equivalent is strongly recommended.)
COURSE DESCRIPTIONS

PSYC-281
Principles of Behaviour
3 Credits  Weekly (3-0-0)
This course is an introduction to the principles of learning and behaviour, with an emphasis on the processes of classical and operant conditioning. Basic research findings are discussed as well as the potential application of these findings to important aspects of human behaviour.
Prerequisites: Minimum grade of C- in PSYC 104.

PSYC-301
History of Psychology
3 Credits  Weekly (3-0-0)
Psychology is a relatively young science, but its history is varied, intriguing and extends well beyond the first psychologists. From early philosophy, physiology and medicine, through the dawn of evolutionary theories and radical behaviourism, to the cognitive revolution and modern neuroscience, we examine the trends, competing theoretical perspectives and socio-political influences on the discipline in Western society.
Prerequisites: Minimum grade of C- in at least one of PSYC 223, PSYC 233, PSYC 241, PSYC 258, plus one of PSYC 267, PSYC 275 or PSYC 281.

PSYC-306
Sports Psychology
3 Credits  Weekly (3-0-0)
This course is a study of the psychological factors that influence and are influenced by participation and performance in sport, exercise, and physical activity, and the application of the knowledge gained through this study to everyday settings.
Prerequisites: Minimum grade of C- in at least one of PSYC 223, PSYC 233, PSYC 241, PSYC 258, plus one of PSYC 267, PSYC 275 or PSYC 281.

PSYC-307
Health Psychology
3 Credits  Weekly (3-0-0)
This course examines how biological, psychological, and social factors affect the efforts people make in maintaining health and addressing illness, the effectiveness with which they cope with and reduce stress and pain, and the recovery, rehabilitation and psychosocial adjustment of patients with serious health problems.
Prerequisites: Minimum grade of C- in PSYC 104 and PSYC 105 plus at least two 200-level psychology courses.

PSYC-312
Advanced Research Methods
3 Credits  Weekly (3-2-0)
This course emphasizes the following aspects of research methodology: design, analysis, ethics, reporting of results, and issues relevant to various areas of specialization in psychology. The advantages and limitations of particular research designs and the selection of appropriate statistical analysis techniques are explored. Students have the opportunity to gain first-hand experience with different research methodologies along with data collection. Toward the end of the course, students have the opportunity to present the results of original data in both an oral presentation and through a poster presentation. Notes: This is a required course for students registered in the honours program. Students may not receive credit for both PSYC 312 and SCIR 201.
Prerequisites: Minimum grade of C- in PSYC 212 and STAT 252, plus consent of department. STAT 252 may be taken as a co-requisite.

PSYC-324
Infant Development
3 Credits  Weekly (3-0-0)
This course reviews the biological and sociocultural influences on the development of human infants from conception up to the age of three. Research is discussed that has revealed the physical, cognitive, and psychosocial factors that serve to distinguish normal from abnormal developments. In addition, issues of concern to caregivers/parents are explored.
Prerequisites: Minimum grade of C- in PSYC 223.

PSYC-326
Atypical Development
3 Credits  Weekly (3-0-0)
This course provides a theoretical and practical framework for conceptualizing atypical development and psychological disorders of children and adolescents. Prevalent clinical phenomena, treatment methods, approaches to preventing psychological disorders, and promoting optimal development are presented. Developmental, individual, familial, and social factors associated with disruptions in normative psychosocial growth are examined.
Prerequisites: Minimum grade of C- in PSYC 223.

PSYC-328
Adult Development and Aging
3 Credits  Weekly (3-0-0)
This course describes and discusses development from early adulthood through the final stages of life. Topics include lifespan development theories and research methods, age changes in cognitive processes, intellectual functioning and personality, changes in relationships and work, physiological changes, psychopathology associated with aging, death and dying, and psychological services for the adult and the aged.
Prerequisites: Minimum grade of C- in PSYC 223.

PSYC-333
Advanced Personality
3 Credits  Weekly (3-0-0)
This course is intended to advance students' understanding of personality theory and research. It provides an in-depth analysis of relevant personality theories, and discusses challenges and controversies in the areas of personality structure and processes.
Prerequisites: Minimum grade of C- in PSYC 233.

PSYC-337
Forensic Psychology
3 Credits  Weekly (3-0-0)
This course surveys the topic areas addressed by researchers interested in the interface between psychology and the law. The course examines the participation of psychologists and the application of psychological science within the criminal justice system. Topics may include: psychological factors associated with eyewitness and jury experiences, risk assessment, criminal profiling and police investigations, mental disability and law, and the influence of psychology in the legal system.
Prerequisites: Minimum grade of C- in PSYC 104 and PSYC 105, and in at least two 200-level courses in psychology.
PSYC-339
Abnormal Psychology
3 Credits  Weekly (3-0-0)
This course offers an introduction to topics that outline the study of abnormal behaviour. Using an integrated model that encompasses biological, psychological, and sociocultural perspectives, psychological disorders are examined on a wide range of issues that include assessment, etiology, and treatment. Topics and disorders may include anxiety disorders, mood disorders, sexual and gender identity disorders, eating disorders, substance-related disorders, personality disorders, and schizophrenia.
Prerequisites: Minimum grade of C- in PSYC 104 and PSYC 105, plus at least one 200-level psychology course (PSYC 233 or PSYC 275 recommended).

PSYC-350
Human Memory
3 Credits  Weekly (3-0-0)
This course reviews theoretical perspectives and empirical research methods that are related to the study of human memory. These provide the foundation for reviewing historical approaches, biological bases, multiple forms of memory (e.g., working, semantic, autobiographical), and everyday applications of memory strategies. In addition, this course also reviews the nature of forgetting, amnesia, memory disorders, as well as several applied memory issues (e.g., memory and reality, memory and the law).
Prerequisites: Minimum grade of C- in PSYC 258.

PSYC-355
Social Cognition
3 Credits  Weekly (3-0-0)
This course focuses on how social interaction is mediated by cognitive mechanisms including perception, attention, memory, thinking, judgments, and reasoning; and it examines the cognition of people, the social situations in which they are encountered and the interpersonal behaviors that arise in those situations. This examination involves reviewing theoretical perspectives (e.g., cognitive, neuroscience, evolutionary) and empirical research on a variety of topics concerning our own and others' thoughts, attitudes, judgments and behaviours in social applications. Note: Both PSYC 241 and PSYC 258 are recommended as prerequisites.
Prerequisites: A minimum grade of C- in PSYC 258 or PSYC 241.

PSYC-358
Comparative Cognition
3 Credits  Weekly (3-0-0)
Cognitive skills and processes differ across species, in ways that are functionally significant. This course explores similarities and differences in memory, decision-making, risk assessment, biological constraints on learning, and various aspects of intelligence across the animal kingdom.
Prerequisites: Minimum grade of C- in PSYC 212 and in either PSYC 281 or PSYC 373.

PSYC-367
Laboratory in Human Perception
3 Credits  Weekly (2-1-0)
This course presents a practical introduction to techniques used to measure perceptual performance. Lectures cover advanced topics in sensation and perception with special emphasis on visual and auditory perception. Students also conduct experiments and complete laboratory assignments that introduce concepts of psychophysical research design and data analysis.
Prerequisites: Minimum grade of C- in PSYC 212 and PSYC 267.

PSYC-370
Human Sexuality
3 Credits  Weekly (3-0-0)
This course offers a multidisciplinary perspective of human sexuality in a diverse world. Human sexual function is explored from biological and developmental as well as psychosocial and cultural perspectives. There is also a comprehensive discussion of human reproduction and medical aspects of sexual function and dysfunction.
Prerequisites: Minimum grade of C- in at least three 300- or 400- level psychology courses.

PSYC-373
Evolution and Human Behaviour
3 Credits  Weekly (3-0-0)
This course is an introduction to the study of human behaviour within an evolutionary context. Adaptive physiology, traits, perception, cognition and other behaviours are explored by examining theories, methods and results of research from various fields including psychology, anthropology, economics and biology.
Prerequisites: Minimum grade of C- in at least two 200-level psychology courses.

PSYC-375
Applied Neuropharmacology
3 Credits  Weekly (3-0-0)
The course focuses on the mechanisms by which clinically active drugs exert their effects. Students gain an understanding of drug action by examining neuropharmacology at molecular and cellular levels of analysis and exploring major neurotransmitter systems in the CNS (central nervous system). The effects of psychoactive drugs on major nervous system functions such as movement, sleep, and memory are reviewed. The pathogenesis and pharmacological management of major neurological and psychiatric disorders are also discussed.
Prerequisites: Minimum grade of C- in PSYC 275.

PSYC-377
Human Neuropsychology
3 Credits  Weekly (3-0-0)
This course is an introduction to changes in behaviour and higher mental processes which result from structural changes to the brain. Through the use of clinical examples, the student becomes familiar with the neuroanatomical correlates of normal and abnormal behaviour in humans. The processes of neuropsychological assessment and diagnosis after insults to the brain is discussed.
Prerequisites: Minimum grade of C- in PSYC 275

PSYC-385
Applications of Learning
3 Credits  Weekly (3-0-0)
This course examines the ways in which principles of conditioning and learning have been applied to areas of human concern. The basic concepts, specific techniques, and ethical issues involved in the field of behaviour modification are surveyed.
Prerequisites: Minimum grade of C- in PSYC 281.
PSYC-391
Psychology of Consciousness
3 Credits  Weekly (3-o-0)
The course focuses on the relations between the subjective experience of consciousness and the theoretical concepts from a variety of psychological perspectives, including cognitive science, phenomenology, neuropsychology, developmental processes, evolutionary psychology, cross cultural psychology and transpersonal perspectives. Additionally, various experiences of consciousness are considered including sleep, dreams, drug effects, meditation, hypnotis, daydreaming, paranormal experiences, trance states, and near death experiences. 
Prerequisites: Minimum grade of C- in PSYC 233 and at least one additional 200-level psychology course.

PSYC-398
Independent Study
3 Credits  Total (0-0-45)
This course permits an advanced student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
Prerequisites: Consent of the Department.

PSYC-400
Psychology Senior Seminar
3 Credits  Weekly (0-0-3)
As a capstone course, the Senior Seminar allows students to integrate and apply the skills and knowledge acquired throughout their earlier training. Students focus on contemporary topics and controversies, including issues relevant to both academic and professional psychologists. Note: This course is required for students completing the Honours program in Psychology. Other Psychology majors in the final year of the program may request permission if space is available.
Prerequisites: Consent of the department.

PSYC-405
Special Topics in Psychology
3 Credits  Weekly (0-0-3)
This course provides an in-depth study of a psychology specialization or of a current issue in psychology. The topic for the course varies term to term and topics are posted in the department and on the department website prior to registration. Specific prerequisites for each topic are also posted, and students are advised to check the descriptions prior to requesting permission from the Chair. In general, these topics are suitable for students in the 3rd or 4th year of their studies.
Prerequisites: Consent of the Department.

PSYC-408
Positive Psychology
3 Credits  Weekly (3-o-0)
Positive psychology focuses on the nature, development, and impact of character strengths, thoughts, emotions, behaviours, and environments that foster well-being and a meaningful life. This course examines historical and theoretical perspectives on positive psychology, and contemporary research on such topics as well-being, mindfulness, resilience, self-regulation, and positive environments. It also examines applications of positive psychology to clinical psychology, physical health, and other domains. 
Prerequisites: A minimum grade of C- in PSYC 212 and at least two 300- or 400-level courses in psychology.

PSYC-423
Topics in Development
3 Credits  Weekly (0-0-3)
This course provides an in-depth study of a topic in developmental psychology. The theoretical, methodological and applied issues are emphasized. The topic for the course varies year to year and is announced prior to registration. Possible topics include the role of parents in development, prenatal development, infancy, adolescence, cognitive development, social development, physical development or ecological theories of development.
Prerequisites: Minimum grade of C- in PSYC 223.

PSYC-431
Psychometrics
3 Credits  Weekly (3-o-0)
This course provides an overview of theories, principles, and applications of psychological testing and assessment. The focus is on standardized psychological tests in the areas of intelligence, aptitude, personality, interests, and attitudes and values. 
Prerequisites: Minimum grade of C- in PSYC 339 and STAT 151.

PSYC-435
Introduction to Clinical Psychology
3 Credits  Weekly (0-0-3)
This course examines the profession of clinical psychology, including topics such as clinical assessment and diagnosis, clinical judgment and decision making, psycho-therapeutic and community interventions, and professional ethics. 
Prerequisites: Minimum grade of C- in PSYC 339.

PSYC-437
Topics in Forensic Psychology
3 Credits  Weekly (0-0-3)
In this course, students critically discuss contemporary issues in forensic psychology in a seminar-based format. Material is drawn from both historical and current primary resources, with emphasis on research literature that explores theoretical and empirical approaches to the topic area. Evaluation is largely based on class presentations, participation, and written assignments. Topics vary from year to year, and may include (but are not limited to) psychopathy, deception, eyewitness memory, risk assessment, sexual and violent offenders, mental illness and crime, malingering, and ethical and legal issues in forensic psychology. 
Prerequisites: Minimum grade of C- in PSYC 337.
PSYC-438
Psychological Interviewing
3 Credits       Weekly (3-0-0)
This course concerns the study and development of professional helping skills. Topics include the helping relationship, interviewing skills, listening skills, confrontation skills, ethical and legal decision-making, and prevention of professional burnout. Please note that a large portion of the course involves role-playing exercises and participation in these exercises counts for a significant portion of one’s grade. Note: With consent of the department, PSYC 435 may be permitted as a co-requisite.
Prerequisites: Minimum grade of C- in PSYC 435, plus at least two of PSYC 326, PSYC 377, PSYC 385, PSYC 431, PSYC 456.

PSYC-439
Psychology Field Placement
3 Credits       Weekly (0-0-9)
In this course, students will be assigned to a psychologist in a public, private, or non-profit program where they apply their knowledge of abnormal psychology in a supervised field placement in the community. The student is involved in a project, that significantly contributes to the organization’s clinical practice (e.g., program manual, guidelines for practice) or to the organization’s research endeavours (e.g., evaluation of a service within the program). Note: This course does not fulfill the 400-level credit requirement of the Psychology Major and Minor. The number of placements may be limited in any given term and therefore course enrolment will be contingent on the student’s grade in these two courses and on the student’s personal interests and skills. Certain placements may require other course prerequisites or co-requisites, depending on the nature of the field placement (e.g., PSYC 312, PSYC 431, PSYC 435, PSYC 438, or PSYC 456).
Prerequisites: Minimum grade of C- in PSYC 339 and PSYC 212, and consent of the department.

PSYC-440
Practice of Teaching in Psychology
3 Credits       Total (0-0-45)
Students learn the skills and expectations associated with teaching psychology at the university level. They function as a teaching assistant and are mentored by various faculty members in the Department of Psychology. Throughout this course, they attend workshops and lectures on teaching methods, evaluation methods, detecting and deterring academic dishonesty, and ethics associated with the practice of teaching. Students are also expected to lead scheduled tutorial sessions and collaborate with a supervising instructor as well as with a TA coordinator.
Prerequisites: Department consent.

PSYC-449
Topics in Social Psychology
3 Credits       Weekly (0-0-3)
This course offers an in-depth study of a specific topic in social psychology. The theoretical, methodological and applied issues are emphasized. The topic for the course varies year to year and is announced prior to registration. Possible topics include eyewitness testimony, prejudice and discrimination, media influences on aggression, and interpersonal attraction.
Prerequisites: Minimum grade of C- in PSYC 212 and PSYC 241.

PSYC-456
Cognitive Assessment
3 Credits       Weekly (3-1-0)
This course covers the fundamentals of cognitive assessment, including test administration, scoring, interpretation, and report writing. The techniques and tools for evaluating several areas of cognitive functioning including intelligence, attention, memory, language, perception, learning, and complex cognitive processes such as critical thinking, problem solving, and creativity are surveyed. The Wechsler tests (e.g., WAIS-IV, WISC-IV, WPPSI-IV, WASI) and academic achievement measures are highlighted in this course.
Prerequisites: Minimum grade of C- in PSYC 339.

PSYC-467
Special Topics in Perception
3 Credits       Weekly (0-0-3)
In this course, students critically discuss contemporary issues in sensation and perception in a seminar-based format. Material is largely drawn from both historical and current primary resources, with an emphasis on research literature that explores links between neural mechanisms and perceptual performance. Evaluation is largely based on class participation and written assignments.
Prerequisites: Minimum grade of C- in PSYC 212 and in PSYC 267 or PSYC 275.

PSYC-473
Advanced Evolutionary Psychology
3 Credits       Weekly (2-1-0)
Students examine theory and evidence related to evolutionary psychology as applied to humans and other animals. In addition to analysis of journal articles and other primary sources, students replicate several studies in the laboratory in order to see first-hand some typical research methods associated with the field.
Prerequisites: Minimum grade of C- in PSYC 212 and PSYC 373.

PSYC-475
Comparative Neuroanatomy
3 Credits       Weekly (2-1-0)
This is an advanced course in neuroanatomical circuitry, examining CNS (central nervous system) functions at molecular, cellular, and systems levels. The anatomy and functions of various tract systems and nuclei are compared across species. Fundamental concepts of nervous system organization, such as adaptation, lateral inhibition, and columnar organization of the cortex are discussed. The course features a combination of lectures and seminars based on readings of primary empirical literature. This course includes lab work in the gross CNS anatomy of a variety of species as well as microscopic examination of brain sections.
Prerequisites: Minimum grade of C- in PSYC 275 and a minimum grade of C- in at least two of PSYC 358, PSYC 367, PSYC 375, PSYC 377 or consent of the department.
PSYC-496  
Individual Research  
3 Credits  
Total (0-0-45)  
In this course, students pursue a research project in depth in collaboration with a member of the department or approved professional in the community. Examples of such projects may include directed reading, library research, and/or laboratory or field experience. A formal review paper, research proposal, research report, annotated bibliography, and/or essay is required. This course is primarily intended for science students.  
Prerequisites: Minimum grade of C- in at least 15 credits in psychology at the 200 level including PSYC 267 or PSYC 275, 9 credits in psychology at the 300 level, and consent of the department.

PSYC-498  
Advanced Independent Study  
3 Credits  
Total (0-0-45)  
This course permits an advanced student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

PSYC-499A  
Honours Thesis I  
3 Credits  
Total (0-0-45)  
Under the direction of a faculty member, students conduct an empirical research project culminating in the Honours Thesis and formal presentation of research findings. Note: This course is open only to students in the Psychology honours program. Students must complete both PSYC 490A and 490B in consecutive terms to attain credit in this course.  
Prerequisites: Minimum grade of C- in PSYC 312 and consent of the department.

PSYC-499B  
Honours Thesis II  
3 Credits  
Total (0-0-45)  
Under the direction of a faculty member, students conduct an empirical research project culminating in the Honours Thesis and formal presentation of research findings. Note: This course is open only to students in the Psychology honours program. Students must complete both PSYC 490A and 490B in consecutive terms to attain credit in this course.  
Prerequisites: Minimum grade of C- in PSYC 312 and consent of the department.

SCIE-010  
Science 10  
5 Credits  
Weekly (7.5-0-0)  
Science 10 is based upon the content of Alberta Learning's Science 10. The major topics include energy from the sun, energy and matter in living systems, energy and matter in chemical change, and change in energy.  
Prerequisites: Science 9 or equivalent.

SCIE-201  
Scientific Process: From Research Questions to Printed Manuscript  
3 Credits  
Weekly (3-0-1)  
This course discusses the qualities of competent scientists, research ethics, a multidisciplinary approach to natural and quantitative social sciences, and types of scientific studies. It systematically covers the four broad phases of the scientific process, namely, the planning and preparation phase (defining the research problem, surveying the literature, formulating hypotheses, establishing the research design, and writing a proposal); the data collection phase (in particular, the common principles involved); the data analysis and interpretation phase (concepts in statistical analysis, appropriate selection of statistical analysis tools, and drawing conclusions); and the scientific writing and presentation phase (from first draft to published manuscript, types of publications/presentations). Note: Students cannot obtain credit in both PSYC 312 and SCIE 201.  
Prerequisites: Minimum of C- in STAT 151 or STAT 161 and any 100-level science course.

SCMT-200  
Introduction to Global Supply Chain Management  
3 Credits  
Weekly (3-0-0)  
Students learn the importance of logistics and the supply chain processes in a global context. Students investigate in detail the various components and drivers of the supply chain and their logistical requirements which are essential to the competitive success of a company. Topics include: overview of global supply chain and its participants and activities, strategic fit in the supply chain, purchasing, inventory management, warehousing, global logistics, impact of supply chain information availability, supply chain integration, and supply chain risk management. Contemporary issues and trends in international supply chain management are integrated into the above-mentioned topics.  
Prerequisites: BUSN 201 or MGMT 121 or MGMT 122.

SCMT-205  
Introduction to e-Business  
3 Credits  
Weekly (3-0-0)  
Students learn both the management and technical skills to design and implement an e-Business platform. Students focus on management issues surrounding web deployment and the alignment of the information technology to corporate strategy. Topics include: hardware and software infrastructure, data storage and retrieval, design and maintenance of the corporate web, marketing, branding, revenue models and risk management. Credit can be obtained in only one of ASCM 205 or SCMT 205.  
Prerequisites: BUSN 201 and MARK 301.
SCMT-305
Transportation Management
3 Credits  Weekly (3-0-0)
Students learn transportation modes (road, rail, water, air, pipeline and multi-modal transportation), their place in the economy, and the regulatory environment in which they operate. Students also study advanced aspects of transportation operations from various perspectives: the carrier's, the shipper's, and the logistics service provider's. Topics include some elements of transportation economics, cost/service characteristics of the transportation modes, selection of carriers and routes, use of third party logistics (3PL), terminal services, freight consolidations, shipping schedules and information/documentation flows. The focus is on the transportation contract and carrier-shippershipper relationships within global as well as domestic supply chain context. Credit can be obtained in only one of ASCM 305 or SCMT 305.
Prerequisites: ECON 102.

SCMT-307
Principles of Quality Management
3 Credits  Weekly (3-0-0)
Students develop theoretical understanding and skills that will allow them to use Quality Management principles as a way to maintain excellence in production and service organizations. Students will be exposed to a number of quality-related philosophies and frameworks, and will further examine how an effective focus on customers, people, processes, leadership, and product design can contribute to quality and ultimately to sustained success. The course will also examine the use of problem-solving tools and statistics to improve and maintain quality, and will maintain a Supply Chain focus throughout.
Prerequisites: MARK 301, MGTS 103 and ORGA 201.

SCMT-320
Production Planning and Scheduling
3 Credits  Weekly (3-0-0)
Students explore contemporary as well as traditional approaches to production planning and scheduling. Students evaluate production operations such as make-to-stock, assemble-to-order, and make-to-order systems. Students also examine various modules in scheduling, planning, and distribution using spreadsheet applications and discuss ways to improve existing production planning and scheduling system. Credit can be obtained in only one of ASCM 302 or SCMT 320.
Prerequisites: MGTS 352 and MSYS 200.

SCMT-322
Business Logistics Management
3 Credits  Weekly (3-0-0)
Students study logistics strategy and the analysis of logistics systems with a focus on distribution from production to consumer. Topics include alignment between business and logistics strategy, performance measurement, distribution network design and facility location, warehousing and materials handling systems, inventory policies and systems, transportation and delivery route planning, the use of third-party logistics providers (3PLs), and select topics related to environmental sustainability.
Prerequisites: MGTS 352.

SCMT-324
Purchasing and Supply Management
3 Credits  Weekly (3-0-0)
Students build on basic business knowledge to focus on key concepts of corporate purchasing and supply management. The course introduces the purchasing and supply management function within the context of an organization's operations, and proceeds to assess its role within the operations of the entire supply chain. The course discusses the strategic importance of purchasing and supply management in developing and fostering contractual relationships with suppliers in global supply network. Credit can be obtained in only one of ASCM 203 or SCMT 324.
Prerequisites: BUSN 201.

SCMT-403
Supply Chain Planning and Coordination
3 Credits  Weekly (3-0-0)
Students integrate the practice and theory of advanced topics in supply chain management. Students analyze comprehensive case studies and develop and communicate solutions spanning multiple areas of supply chain management including procurement, logistics, production, information systems, coordination, and performance measurement. Topics include: selection of an efficient supply chain aligned to marketing strategy, logistics network planning, product availability and advanced inventory management, managing variation along the supply chain, postponement and tailored sourcing, modeling supply chain contracts, joint demand and supply management, supply chain coordination and advanced planning systems. Credit can be obtained in only one of ASCM 403 or SCMT 403.
Prerequisites: SCMT 320 and COOP 495.

SCMT-404
e-Business Execution
3 Credits  Total (0-0-45)
Students study the use of technology and information in supporting supply chain relationships. Through academic research and case study analysis, students integrate current best practices with emerging technology to meet the challenge of providing the supply chain with information. A student may receive credit for only one of ASCM 404 and SCMT 404.
Prerequisites: MSYS 200 and SCMT 205.

SCMT-407
Global Sourcing and Logistics
3 Credits  Weekly (3-0-0)
Students expand and apply their knowledge of global sourcing, transportation, and logistics in an international setting. The course covers strategic and operational logistics decisions surrounding global sourcing. Topics include planning of international sourcing, international transportation and logistics, international commercial (INCO) terms and payment mechanisms, and tariff treatments and import documentation. Credit can be obtained in only one of ASCM 407 or SCMT 407.
Prerequisites: SCMT 324 and SCMT 305.
SCMT-408
Business Negotiations and Supplier Management
3 Credits Weekly (3-0-0)
Students utilize their knowledge and skills in business negotiations and supplier management to plan and execute negotiations in order to facilitate the development of strategic alliances and partnerships within the supply chain. Topics include business negotiation, strategic sourcing and alliances, process development and maintenance, supplier management and assessment, and competitive bidding. Credit can be obtained in only one of ASCM 408 or SCMT 408.
Prerequisites: SCMT 324, LEGL 210, and ORGA 201.

SCMT-425
Supply Chain Process Management
3 Credits Weekly (3-0-0)
Students develop the knowledge and tools for design, improvement, and integration of supply chain processes within an organization and among business partners. Through use of a supply chain operation reference (SCOR) model, supply chain mapping, and simulation tools, students are able to analyze and integrate collaborative supply chain processes based on best practices. Topics include supply chain improvement projects, business process re-engineering and integration, lean operations and process flow management, six-sigma quality programs, flow variability and process capability, supply chain performance measurements, and benchmarking supply chain processes against world class companies.
Prerequisites: SCMT 320, SCMT 324, SCMT 322, SCMT 307.

SCMT-497
Special Topics in Supply Chain Management
3 Credits Weekly (0-0-3)
This course involves reading, discussing and critically evaluating current research on specialized topics of interest to senior students in the Bachelor of Commerce. Topics covered vary with the interests of students and faculty and may include an applied field research component in business, government or community. Students should consult with faculty members in the Department of Decision Sciences and Supply Chain Management for details regarding current offerings. This course can be taken twice for credit.
Prerequisites: Minimum of C- in one 300 level SCMT course and consent of the department chair or designate.

SCMT-498
Independent Studies in Supply Chain Management
3 Credits Weekly (0-0-3)
In consultation with, and supervised by, a member of the department or an approved professional in the community, a senior student undertakes advanced scholarly work related to the field of supply chain management. The faculty member guides the student in designing and undertaking this work, using appropriate assumptions and methods to arrive at warranted conclusions and outcomes that will advance supply chain management knowledge or practice or create meaningful results.
Note: This course may be taken twice for credit.
Prerequisites: Consent of the course instructor and the department chair.

SOCI-100
Introductory Sociology
3 Credits Weekly (3-0-0)
This course consists of an analysis of the nature of society, the interrelationships of its component groups, and the processes by which society persists and changes. Society is analyzed in terms of its structure and culture, interrelationships between various institutions (e.g. family, religion, school, government) and the process whereby an individual is socialized into society.

SOCI-102
Social Problems
3 Credits Weekly (3-0-0)
This course analyzes the factors that constitute "social problems", as well as the cultural forces that influence their development. A wide range of specific social problems are explored, and may include crime, economic deprivation, social inequality, prejudice and discrimination, human rights violations, family violence, and environmental crises.
Prerequisites: Minimum grade of C- in SOCI 100.

SOCI-201
Canadian Society
3 Credits Weekly (3-0-0)
This course analyzes major dimensions of Canadian Society including ethnic diversity (through historical immigration), Aboriginal rights, the evolution of Quebec nationalism, the economic, political and cultural dominance of the USA, multinational/transnational corporate control, and globalization. Regional differences within the country are also discussed (e.g. state policy, uneven development, and elite control) as well as the sustainability of Canadian nationalism.
Note: Credit can only be obtained for one of SOCI 101 and 201.
Prerequisites: Minimum grade of C- in SOCI 100.

SOCI-224
Deviance and Conformity
3 Credits Weekly (3-0-0)
This course is an introduction to the study of deviance, conformity, and social control. The course will explore processes and factors which influence the definition of deviance and conformity. Theory and research on a wide range of specific topics will be analyzed, and may include topics such as sexuality, addiction, religion, youth, mental disorder, and physical appearance.
Prerequisites: Minimum grade of C- in SOCI 100.
SOCI-225
Criminology
3 Credits Weekly (3-0-0)
Criminology is the search for and explanation of general patterns or regularities characterizing the lawbreaking behaviour of individuals. The course is an introduction to the sociological study of crime and a critical appraisal of theoretical explanations and methods of conducting research. 
Prerequisites: Minimum grade of C- in SOCI 100.

SOCI-232
Classical Sociological Theory
3 Credits Weekly (3-0-0)
This course provides an in-depth analysis of the emergence and development of classical perspectives on society and human nature. Emphasis is placed on the sociological theories of important figures such as Marx, Durkheim, and Weber, although the contributions of others may be discussed. Social theories are compared and assessed in terms of issues such as the individual versus society, idealism versus materialism, and conflict versus consensus. Note: Credit can only be obtained for one of SOCI 232 and SOCI 332. 
Prerequisites: A minimum grade of C- in SOCI 100.

SOCI-237
Media and Society
3 Credits Weekly (3-0-0)
This course addresses the relationship between media and larger social structures and processes. In addition to exploring patterns of media use, students critically examine the role of media in expressing social or political values, and constructing identities. Students further analyze media as a site of both the reproduction of dominant ideologies and social inequality, as well as social change and resistance. 
Prerequisites: A minimum grade of C- in SOCI 100.

SOCI-241
Social Psychology
3 Credits Weekly (3-0-0)
This course provides an introduction to the study of a variety of individual and group behaviours observed in social processes. In addition to addressing the nature of social psychological research, this course covers an array of topics including social cognition, social perception and the power of social influence. Furthermore, the course explores the development and processes of self-knowledge, self-evaluation, attitude formation, deindividuation, groupthink as well as other facets of social psychology. Note: SOCI 241 and PSYC 241 may not both be taken for credit.
Prerequisites: Minimum grade of C- in SOCI 100 or PSYC 104 or PSYC 105.

SOCI-251
Population and Society
3 Credits Weekly (3-0-0)
This course examines population trends and problems in Canada and the rest of the world; social and cultural factors underlying fertility, mortality, and migration patterns, urbanization, population explosion, population theory, and policy concerns. 
Prerequisites: Minimum grade of C- in SOCI 100.

SOCI-269
Introductory Sociology of Globalization
3 Credits Weekly (3-0-0)
This course introduces students to the processes and implications of globalization within a Canadian and international context. It emphasizes the key organizations and institutions at the centre of contemporary globalization, the implications of globalization in relation to political, economic, socio-cultural, ecological and ideological relations, and the role of globalization in the opportunities and constraints felt by individuals in society. 
Prerequisites: Minimum grade of C- in SOCI 100.

SOCI-271
Introduction to the Family
3 Credits Weekly (3-0-0)
This course is a survey of sociological perspectives on, and research into families. While the emphasis is on current trends and institutional characteristics in Canada, marriage and families are examined in the context of cross-cultural and historical elements. 
Prerequisites: Minimum grade of C- in SOCI 100.

SOCI-290
Introduction to the Sociology of Health and Illness
3 Credits Weekly (3-0-0)
This course addresses the critical, sociological approaches to the study of health and illness, including relevant theoretical frameworks. Specifically, it details the social determinants that affect a person’s ability to create and sustain healthy lifestyles, and examines the social inequalities of health, illness, and healthcare in Canada. This course highlights the organization of health care delivery, and questions who is affected, and how, by contemporary standards. Moreover, it analyzes the biomedical frameworks that underpin contemporary western notions of health and illness. 
Prerequisites: Minimum grade C- in SOCI 100 or equivalent.

SOCI-301
Sociology of Gender
3 Credits Weekly (3-0-0)
This course analyzes some of the similarities and differences between men and women in Canadian society, with a focus on historical and cross-cultural contexts. The course examines gender in three key ways: explanations offered for the differences between men and women in society, lifelong socialization into gendered roles, and the effects that follow from that learning. 
Prerequisites: Minimum grade of C- in at least one 200-level sociology course.

SOCI-303
Contemporary Issues in Criminology
3 Credits Weekly (3-0-0)
This course examines a substantive topic or topics of relevance to contemporary criminology. The topic for the course varies and is announced prior to registration. 
Prerequisites: Minimum grade of C- in SOCI 225.
SOCI-310
Introduction to Social Statistics
3 Credits Weekly (3-0-0)
This course focuses on the practical uses of statistics in analyzing the behaviour and opinions of individuals and groups, explaining the reasons for such behaviour and opinions, and gaining an understanding of the forces that influence social issues and concerns. Students learn about statistical reasoning and the main descriptive and inferential techniques used to examine sociological data. Descriptive statistics such as measures of central tendency and variability and graphic displays including frequency distributions, histograms, and bar charts as well as inferential statistics such as t-tests, f-tests, Chi-square tests, and Pearson’s r are examined and their sociological relevance established. Restricted to Sociology majors or with permission of the Department of Sociology.
Prerequisites: Minimum grade of C- in any Sociology 200 level course.

SOCI-315
Social Research Methods
3 Credits Weekly (3-0-0)
This course examines a variety of quantitative and qualitative social research methods. Social research methods are techniques used to obtain information that answers questions about the social world. Quantitative methods include experiments, surveys, and systematic observation while qualitative methods include interviews, ethnography, and various unobtrusive measures. Students learn how to formulate research questions, collect the appropriate data, interpret research findings and write research reports. Restricted to Sociology majors or with permission of the department of sociology.
Prerequisites: Minimum grade of C- in any sociology 200-level course.

SOCI-320
White Collar/Corporate Crime
Criminality
3 Credits Weekly (3-0-0)
This course examines current legal, policy and theoretical debates over the regulation of various aspects of criminality identified as organizational, white-collar and/or corporate crime. Different theoretical perspectives on the nature, extent and cause of corporate crime and the role of the state in regulating corporate behaviour are covered.
Prerequisites: Minimum grade of C- in SOCI 225.

SOCI-321
Youth, Crime and Society
3 Credits Weekly (3-0-0)
This course is a survey of the understanding and treatment of youth in the Canadian criminal justice system. It examines the nature, extent and regulation of youth crime in Canada as well as historical and contemporary youth justice.
Prerequisites: Minimum grade of C- in SOCI 225.

SOCI-325
Restorative Justice
3 Credits Weekly (3-0-0)
This course is an introduction to the practice of restorative justice. It describes the theory and history of restorative justice as well as the challenges restorative justice poses to conventional forms of justice. The course uses a sociological lens to examine both the strengths and weakness of this approach.
Prerequisites: A minimum grade of C- in SOCI 225.

SOCI-327
The Canadian Criminal Justice System
3 Credits Weekly (3-0-0)
This course emphasizes the three components of the criminal justice system: police, courts and corrections. Specifically, the course examines the roles and functions of the police, the evolution of law and public policy, models and templates of justice, the procedural court processes, as well as research dedicated to reforming our community and institutional based correctional system.
Prerequisites: Minimum grade of C- in SOCI 225.

SOCI-329
Sociology of Law
3 Credits Weekly (3-0-0)
This course examines conceptual, practical and philosophical relationships between law and society. The key emphasis is on processes by which legal rules are created, maintained and changed, and law as an instrument of social control and change.
Prerequisites: Minimum grade of C- in SOCI 225.

SOCI-333
Contemporary Sociological Theory
3 Credits Weekly (3-0-0)
This course follows the continued development of sociological theorizing since the mid-20th century. Theoretical perspectives to be analyzed may include symbolic interactionism, dramaturgy, neo-functionalism, critical theory, world systems theory, feminist theories, poststructuralist theory, postmodern theory, and more. The application of these theories to contemporary critical debates and societal issues is emphasized.
Prerequisites: Minimum grade of C- in SOCI 232.

SOCI-361
Social Inequality in Canada
3 Credits Weekly (3-0-0)
This course explores the structures and institutions within which Canadians reside and which determine relations of ruling and inequality. With a specific focus on power and resistance, students examine the ways in which people in particular social groups have power over those in other social groups. Issues of racism, sexism, sexuality and the economy are central in this course.
Prerequisites: A minimum grade of C- in at least one 200-level course in sociology.

SOCI-362
Organization of Work
3 Credits Weekly (3-0-0)
This course explores the meaning and organization of work, with a specific focus on Canada. Areas covered include properties of work organization (division of labour and specialization), technology and working knowledge, and social inequality that results from a polarized labour force.
Prerequisites: Minimum grade of C- in at least one 200-level sociology course.
SOCI-363
Mental Health and Society
3 Credits Weekly (3-0-0)
This course offers a sociological approach to the study of mental health and illness. Topics may include: sociological theories of mental health and illness, the organization of the Canadian mental health system, medicalization, power and the medical model, the pharmaceutical industry, and mental health social movements. Topics are examined through historical, legal and theoretical approaches and students are encouraged to work beyond the conceptualization and treatment of mental illness in the fields of psychology and psychiatry.
Prerequisites: Minimum grade of C- in any 200-level course in sociology.

SOCI-368
Race and Ethnic Relations in Canada
3 Credits Weekly (3-0-0)
This course consists of a sociological examination and analysis of race and ethnicity in Canada with a specific focus on themes such as racism, ethnicity, multiculturalism and identity. A central focus is placed on how issues of 'race' and the racialization of certain groups are conceptualized in political and academic discourse, and how these understandings explain and justify inequality.
Prerequisites: Minimum grade of C- in any 200-level sociology course.

SOCI-377
Youth, Culture and Identity
3 Credits Weekly (3-0-0)
This course focuses on the comparative analysis of youth in various types of societies, with special emphasis on Canada. Analysis includes investigation of the ways in which youth experiences and identities are embedded within a network of social structures, social interactions, and cultural characteristics.
Prerequisites: Minimum grade of C- in at least one 200-level course in sociology.

SOCI-387
Religion, Culture and Society
3 Credits Weekly (3-0-0)
This course examines the interconnections between religion, culture and society from a number of sociological perspectives. Students explore the way in which religion influences society and society affects religion. The course covers a variety of different topics including the following: defining religion, individual and collective meanings, charismatic leadership, alternative religions, millenarianism, religious fundamentalism and secularism.
Prerequisites: Minimum grade of C- in a 200-level course in sociology.

SOCI-393
Politics and Social Change
3 Credits Weekly (3-0-0)
This course explores the process of social change, focusing on how institutions shape and are shaped by collective organization in an effort to bring about social change. Social change is broadly defined to include economic, political, environmental, and technological change. Students examine a variety of groups pursuing social change and their relationship to key social institutions, such as the media and the state.
Prerequisites: Minimum grade of C- in a 200-level course in sociology.

SOCI-398
Independent Study
3 Credits Total (0-0-45)
This course offers an intermediate-level student the opportunity to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
Prerequisites: Consent of the Department.

SOCI-400
Senior Seminar
3 Credits Weekly (0-0-3)
A capstone course is one in which students synthesize and apply the knowledge they have acquired in theory, methodology, and substantive subject-matter, in preparation for advanced education or entry into professional careers. In Sociology, this synthesis of knowledge reflects the "sociological imagination" (C. Wright-Mills, 1959) - the ability to recognize the interplay between individual experiences and public issues. In this course, students use their sociological imaginations in self-directed analyses of current societal issues, social problems, or controversies, building a body of diverse work that illustrates the knowledge and skills they will be carrying into their future educational, professional, and/or individual roles within a dynamic, multicultural society.
Prerequisites: Minimum grade of C- in a 300-level sociology course and consent of the department. Preference will be given to students in the sociology major and the Honours program.

SOCI-402
Special Topics in Sociology
3 Credits Weekly (0-0-3)
This course provides an in-depth study of a selected topic in sociology. The topic for the course varies from year to year and is announced prior to registration. Possible topics include sport and gender, sociology of aging, sociology of religion, sociology of health and illness, critical media studies, and sociology of globalization.
Prerequisites: Minimum grade of C- in any 300-level course in sociology.

SOCI-403
Special Topics in Criminology and Criminal Justice
3 Credits Weekly (0-0-3)
This course provides an in-depth study of a selected topic in criminology. The topic varies and is announced prior to registration. Possible topics include youth and crime, comparative criminology, substance use, issues around mental illness, and the effects of race/ethnicity within the context of the Canadian criminal justice system.
Prerequisites: Minimum grade of C- in one of SOCI 303, SOCI 320, SOCI 321, SOCI 327 or SOCI 329.
SOCI-416
Quantitative Research Methods
3 Credits Weekly (3-0-0)
This course examines quantitative research methods in Sociology. Topics covered include: advanced measurement and design issues, probability sampling issues, ethical issues, systematic observation, survey construction, experimental design, secondary analysis of existing information, and unobtrusive measures. Restricted to sociology majors or with the consent of the sociology department.
Prerequisites: Minimum grade of C- in SOCI 310 and SOCI 315.

SOCI-418
Qualitative Research Methods
3 Credits Weekly (3-0-0)
This course examines qualitative research methods in sociology. Topics covered include: designing qualitative research, ethical issues, interviews, focus groups, ethnography, action research, unobtrusive measures, case studies, content analyses, and the use of triangulation in research.
Prerequisites: Minimum grade of C- in SOCI 315 or (with consent of the instructor) PSYC 212.

SOCI-421
Sociology of Punishment
3 Credits Weekly (0-0-3)
This course is an examination and explanation of the historical and contemporary social underpinnings of punishment and the criminal justice system. Topics may include: the social and historical context of punishment; the rationale, principles and goals of sentencing; and current trends in Canadian corrections.
Prerequisites: Minimum grade of C- in SOCI 315 or SOC 225.

SOCI-422
Aboriginal Peoples and Justice
3 Credits Weekly (3-0-0)
The course is a survey of the involvement of Aboriginal peoples as offenders, victims and service providers in the Canadian criminal justice system at a variety of levels, including policing, courts, corrections, and aftercare. Special attention is given to historic pressures and consequent socio-demographic and political situation of First Nations which contribute to rates of crime and disorder in Aboriginal communities.
Prerequisites: Minimum grade of C- in SOCI 327.

SOCI-424
Advanced Topics in Deviance, Normality and Social Control
3 Credits Weekly (0-0-3)
This course provides an in-depth study of a specific topic or current issue related to deviance, normality and social control. The topic for the course varies year to year and is announced prior to registration. Possible topics include the following: sociology of alcohol; youth subcultures; medicalization of deviance; mass media and social control; sexuality; power and popular music; cults and, alternative beliefs; and genetic science, deviance, and social control.
Prerequisites: Minimum grade of C- in at least one 300-level sociology course and a minimum grade of C- in SOCI 224 or consent of the department.

SOCI-425
Conducting Sociological Research
3 Credits Total (0-0-45)
This course explores the process of conducting research in applied settings. It prepares the student to carry out a specific research project within a public, private or non-profit organization. The course covers general issues in the nature of research, the types of research, planning research, and research ethics. Students learn how to formulate research questions, how to apply appropriate procedures for obtaining answers, how to collect and analyze data, and how to prepare research proposals and reports. Note: the course prepares students for the Community Based Criminology Project (SOCI 426).
Prerequisites: Minimum grade of C- in SOCI 225 and SOCI 315 and consent of the department.

SOCI-426
Community-Based Sociology Project
3 Credits Total (0-0-192)
In this course, students are assigned to a public, private, or non-profit community organization where they apply their knowledge and skills in sociology and sociological research methods (quantitative and/or qualitative) in a supervised research, evaluative, or analytical project. Note: This course does not satisfy the 400-level credit for the sociology major.
Prerequisites: Minimum grade of C- in SOCI 425 and consent of the department.

SOCI-428
Police and the Community
3 Credits Weekly (3-0-0)
This course explores the roles and functions of Canadian law enforcement agencies as the "gatekeepers" of the criminal justice system. The course draws on an interdisciplinary approach to contextualize community policing and offers a better understanding of the role of the police, offenders and victims.
Prerequisites: Minimum grade of C- in SOCI 327.

SOCI-430
Gender, Crime and Social Justice
3 Credits Weekly (0-0-3)
This course critically examines key concepts, issues and debates with respect to gender, crime and social justice. The key focus is on gender differences in crime, theories of women’s crime and the treatment of women offenders and victims by the criminal justice system.
Prerequisites: Minimum grade of C- in SOCI 225 and SOCI 301.

SOCI-449
Advanced Topics in Social Psychology
3 Credits Weekly (0-0-3)
This course provides an in-depth study of two or three central topics in social psychology. The theoretical, methodological and applied issues in the selected areas are emphasized. The topics for the course vary from year to year and are announced prior to registration. Possible topics include social cognition, social perception, interpersonal attraction, social psychology and health, and social psychology and the environment.
Prerequisites: Minimum grade of C- in at least one 300-level sociology course and a minimum grade of C- in SOCI 241 or PSYC 241 or consent of the department.
SOCI-463
Advanced Topics in Canadian Society
3 Credits  Weekly (0-0-3)
This course provides an in-depth study of a topic in Canadian Society. The topic for the course varies from year to year and will be announced prior to registration. Possible topics include colonialism and the historical development of Canada, regionalism, ethnicity and gender inequities, free trade issues, multinationals and globalization, capitalism, government policy, and/or issues relating to Canadian identity.
Prerequisites: Minimum grade of C- in at least one 300-level sociology course and a minimum grade of C- in SOCI 101 or consent of the department.

SOCI-470
Advanced Topics in the Sociology of Families
3 Credits  Weekly (0-0-3)
This course provides an in-depth study of selected topics in the sociology of families. The topic for the course varies from year to year and is announced prior to registration. Possible topics include gender and family, comparative family systems, inequality and family, deviance and family, and family policy.
Prerequisites: Minimum grade of C- in at least one 300-level sociology course and a minimum grade of C- in SOCI 271 or consent of the department.

SOCI-477
Advanced Topics in Youth
3 Credits  Weekly (0-0-3)
This course provides an in-depth study of a specific topic or current issue related to the sociology of youth. The topic for the course varies year to year and is announced prior to registration. Possible topics include the following: youth subcultures; comparative youth systems; the social construction of adolescence; youth and inequality; and youth, gender, and popular culture.
Prerequisites: A minimum grade of C- in SOCI 377 or consent of the department.

SOCI-498
Advanced Independent Study
3 Credits  Total (0-0-45)
This course offers senior-level students the opportunity to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
Prerequisites: By permission of the department.

SOCI-499A
Honours Thesis I
3 Credits  Total (0-0-45)
Under the direction of a faculty member, students conduct an empirical or theoretical research project culminating in the Honours Thesis and formal presentation of research findings. Note: This course is restricted to, and required of, students in the final year of the Honours Sociology program. Students must complete both 499A and 499B in consecutive terms in order to receive a credit in this course.
Prerequisites: Consent of department.

SOCI-499B
Honours Thesis II
3 Credits  Total (0-0-45)
Under the direction of a faculty member, students conduct an empirical or theoretical research project culminating in the Honours Thesis and formal presentation of research findings. Note: This course is restricted to, and required of, students in the final year of the Honours Sociology program. Students must complete both 499A and 499B in consecutive terms in order to receive a credit in this course.

SOST-030-1
Social Studies 030-1
5 Credits  Weekly (7.5-0-0)
Students are introduced to the complexities of ideologies. This includes the study of the origins of ideologies and their influences on regional, international, and global relations. Students will explore the origins and complexities of ideologies and examine multiple perspectives on the principles of classical and modern liberalism. Analyzing various political and economic systems will allow students to assess the viability of the principles of liberalism. Developing understandings of the roles and responsibilities associated with citizenship will encourage students to respond to emergent global issues.

SOWK-101
Social Work Philosophy and Ethics
3 Credits  Weekly (3-0-0)
This course is intended as an introduction to the study of the social work profession and the evolution of its theory and practices in Canada and elsewhere. The course examines the philosophical base of social work's contemporary identity, as well as its links to other disciplines and human service professions. The course takes a broad look at social work practice principles with an emphasis on helping students to prepare themselves for practicing in caring and anti-oppressive ways in an increasingly diverse society. Ethical traditions and principles are introduced, both as specific guides to practice and as frameworks for consideration of broader social conditions and issues. Relational ethics and the concept of the best ethical self are particularly emphasized. Students are challenged and encouraged to reflect on the knowledge, ideals, values, and attitudes they bring to their learning and to social work practice.
SOWK-102  
Introduction to Social Work Practice  
3 Credits  
Weekly (3-0-0)  
This course is an introduction to professional social work practice. Students are introduced to foundational knowledge that underpins the social work profession and the values and ethics that guide practice. Students explore the helping process and learn how to use key social work practice skills in a variety of practice and inter-cultural settings. The course also provides students with the opportunity to critically reflect upon their potential to practice social work in an effective manner.

SOWK-105  
Field Placement  
4 Credits  
Total (0-0-240)  
The field placements constitute the practical component of the program and are concerned with the integration of theory and practice. They are taken concurrently with the Social Work Practice Methods courses. The overall purpose of the placements is to provide students with the opportunity to apply classroom learning within the context of specific field placement settings. Students also complete suicide prevention training as part of the course. Students have the opportunity to develop and to demonstrate practice skills based on the values, knowledge and skills taught in the core courses of the program. Field education is a form of teaching and learning in which students have the opportunity to experience themselves as developing social workers in a supervised practice setting.

SOWK-110  
Social Work Practice Methods I  
3 Credits  
Weekly (3-0-0)  
This course introduces students to social work practice methods and the effective use of skills in their practice. Social work philosophy, values, ethics, and practice skills are examined in the context of professional practice. Social work practice theory including ecological systems and structural models of practice, life stage development, and a strengths-based perspective are examined. Students apply the four stages of an effective interview: the preliminary phase; the beginning phase; the work phase and the ending phase. The course focuses on assisting students to develop awareness of cultural issues and skills in social work practice.  
Prerequisites: Minimum grade of C- in SOWK 101 and SOWK 102.  
Co-requisites: SOWK 115.

SOWK-111  
Social Work With Families  
3 Credits  
Weekly (3-0-0)  
This course is designed to offer students knowledge and insight into the dynamics of families from a social work perspective. Students examine their families of origin to gain insight into personal attitudes and values. This course helps students develop the knowledge and skills to provide basic services to families in a supportive role. Students examine family systems theory, communication and relationship processes in families, family development and life cycle theory, family strengths and resilience, and cultural aspects of family processes. Students learn to identify family strengths and to provide support to enhance positive family functioning.  
Prerequisites: Minimum grade of C- in SOWK 101 and SOWK 102.

SOWK-112  
Social Work With Children and Adolescents  
3 Credits  
Weekly (3-0-0)  
This course examines child and adolescent developmental life stages, prenatal to adolescence. Students explore lifespan development theory, tasks, needs and issues from a Social Work perspective. Specific emphasis is placed on: understanding the physical, emotional, psychological, sexual, moral and social processes for the child; understanding the needs and responsibilities of parents at each stage of child and adolescent development; critiquing society’s roles and reactions to the needs of children, parents, and families; and, describing the nature of social work intervention in each developmental stage and the implications for social policy. Cross cultural aspects of lifespan development are explored.  
Prerequisites: Minimum grade of C- in SOWK 101 and SOWK 102.

SOWK-115  
Field Placement  
4 Credits  
Total (0-0-240)  
The field placements constitute the practical component of the program and are concerned with the integration of theory and practice. They are taken concurrently with the Social Work Practice Methods courses. The overall purpose of the placements is to provide students with the opportunity to apply classroom learning within the context of specific field placement settings. Students have the opportunity to develop and to demonstrate practice skills based on the values, knowledge and skills taught in the core courses of the program. Field education is a form of teaching and learning in which students have the opportunity to experience themselves as developing social workers in a supervised practice setting.  
Prerequisites: SOWK 105.  
Co-requisites: SOWK 110.
SOWK-201
Group Work
3 Credits  Weekly (3-0-0)
This course is designed to develop specific group work skills, an appreciation of the impact of groups, and a recognition of the appropriate use of groups in the social work field. It examines the components of the group process and develops skills in organizing and facilitating groups. Focus is on increasing students’ awareness of their own interaction in groups and on demonstrating their ability to use effective social work skills with groups. The students have an opportunity to integrate the theoretical concepts with actual experience by participating in and leading group sessions.
Prerequisites: Minimum grade of C- in SOWK 110, SOWK 111 and SOWK 112.

SOWK-202
Social Work Practice Methods II
3 Credits  Weekly (3-0-0)
This course builds on social work practice theory and skills introduced in Social Work Practice Methods I (SOWK 110). Students learn an organized approach to problem solving, including: social work assessment, establishing short and long term goals, implementation of change strategies, and evaluation of their work. Students are encouraged to adopt a strengths-based approach to practice recognizing the social, political, and cultural context of their clients’ lives. Discussion of theoretical concepts and experiential learning in the classroom helps students develop and enhance their social work practice skills and articulate a professional model of practice. Students also learn to document their work with clients.
Prerequisites: Minimum grade of C- in SOWK 110 and SOWK 111.
Co-requisites: SOWK 205.

SOWK-203
Mental Health, Trauma and Addictions
3 Credits  Weekly (3-0-0)
This course provides students with an introduction to mental health, trauma and addictions from a social work perspective. Drawing on a competency-based approach to practice, students examine: the history of the treatment of the mentally ill; definitions of mental illness and mental health; common disorders encountered in practice; substance abuse and concurrent disorders; causative factors of mental illness including the role of trauma; factors that promote mental health; mental health assessments; treatment approaches and resources within the community; and mental health legislation and policy. Students explore their own values, ideas and experiences related to mental health, trauma and addiction and develop sensitivity to cultural issues in defining and treating mental health problems. Specific attention is focused on the role of social workers in the delivery of mental health services.
Prerequisites: Minimum grade of C- in SOWK 110, SOWK 111, and SOWK 112. Minimum grade of D in PSYC 104.

SOWK-204
Social Policy and Anti-Oppressive Practice
3 Credits  Weekly (3-0-0)
This course is designed to help students become critically aware of the economic, social and political environment within which they practice social work. The course examines the process by which social policy is developed in Canada and encourages reflection of the ways social workers are influenced by and in turn can influence that process. Students are invited to examine their own values as well as some dominant ideologies and assumptions present within Canada today. Opportunities are provided for students to enhance their understanding of a range of contemporary social issues of particular relevance to the social work profession. A strong theme developed throughout the course is that of understanding the nature of structural and anti-oppressive social work practice.
Prerequisites: SOWK 101, SOWK 102, ENGL 102, ENGL 103, SOWK 110, SOWK 111.

SOWK-205
Field Placement
4 Credits  Total (0-0-240)
The field placements constitute the practical component of the program and are concerned with the integration of theory and practice. They are taken concurrently with the Social Work Practice Methods courses. The overall purpose of the placements is to provide students with the opportunity to apply classroom learning within the context of specific field settings. Students have the opportunity to develop and to demonstrate practice skills based on the values, knowledge and skills taught in the core courses of the program. Field education is a form of teaching and learning in which students have the opportunity to experience themselves as developing social workers in a supervised practice setting.

SOWK-210
Community Practice Methods III
3 Credits  Weekly (3-0-0)
This course provides students with an introduction to theoretical knowledge and skills for working with communities. Students examine current theories of community development/organization and develop the skills necessary for effective social work intervention and change at the community level. This course includes a local and global perspective and issues related to environment and international development.
Prerequisites: SOWK 201, SOWK 202 and SOWK 204.

SOWK-211
Social Work Methods IV
3 Credits  Weekly (3-0-0)
This course provides an introduction to knowledge and skills for social work practice related to family violence. Students examine relevant theory and people’s experience of family violence, neglect, deprivation, and separation / loss across the life span. Students also explore topics related to family violence and social work practice from historical, ideological, structural, and cultural perspectives.
Prerequisites: SOWK 204 & a minimum grade of C- SOWK 201 & SOWK 202. Co-requisites: SOWK 203.
SOWK-215
Field Placement
4 Credits  Total (0-0-240)
The field placements constitute the practical component of the program and are concerned with the integration of theory and practice. They are taken concurrently with the Social Work Practice Methods courses. The overall purpose of the placements is to provide students with the opportunity to apply classroom learning within the context of specific field placement settings. Students have the opportunity to develop and to demonstrate practice skills based on the values, knowledge and skills taught in the core courses of the program. Field education is a form of teaching and learning in which students have the opportunity to experience themselves as developing social workers in a supervised practice setting.
Prerequisites: SOWK 205.

SOWK-240
Introduction to Social Work and Social Welfare
3 Credits  Weekly (3-0-0)
Students are introduced to the social work profession and social welfare in Canada. The history of the social work profession is explored in the context of the development of social welfare in Canada. Students are exposed to values, ethics and theoretical foundations of the social work profession and supported to apply a social work perspective to a variety of social issues. Students also explore their suitability for the social work profession.
Note: This course is a requirement for students who wish to apply to the BSW program and do not have a Social Work diploma. This course cannot be used as an elective for students applying to or in the Social Work diploma program.

SOWK-301
Introduction to Social Work Ideology and Ethics
3 Credits  Weekly (3-0-0)
Students study theoretical foundations and ideologies that shape the role and identity of the social work profession. Exploring the historical roots of social work, students identify their relevance to present day practice. There is an introduction to ethical models and ideological perspectives and their application to practice. Emphasis is placed on relational ethics, third space dialogue and the ethics of sustainability. Students are challenged to develop their critical thinking skills by examining their beliefs, values, ethics as well as those of the profession of social work.

SOWK-302
Indigenous Knowledge: Contributions to Sustainable Social Work Practice
3 Credits  Weekly (3-0-0)
Students explore how the field of social work might support Indigenous efforts to maintain healthy families, communities, and nations. Students are introduced to the philosophical foundations of Indigenous knowledge systems with a focus on exploring traditional healing practices. Students consider how historical and contemporary expressions of colonialism have impacted the well-being of Indigenous peoples. Throughout the course, students enhance their self-awareness and investigate how their personal values, beliefs and experiences may impact their future social work practice with Indigenous peoples.

SOWK-303
Social Work and Sustainability
3 Credits  Weekly (3-0-0)
Students are introduced to the important role social work can play in addressing the environmental challenges of our times. Students explore the root cause of the environmental crisis and have the opportunity to explore a wide variety of ethical perspectives related to the human-nature relationship. The environmental crisis is then explored through the lens of social and environmental justice. Subsequently, students are supported to develop a personal model of social work practice that sustains individuals, families, communities and the environment in which they co-exist.

SOWK-304
Human Development and the Environment
3 Credits  Weekly (3-0-0)
Students become familiar with and understand the major theories of human development across the lifespan and explore human development and behaviour in the social environment. Students critique the dominant theories and explore ways in which culture, gender and class impact human development. Students are required to explore their own views and values on human development and link these to major theories. Students are able to explain how the social determinants impact human development and apply social work intervention strategies at each stage of development.
Prerequisites: SOWK 301.

SOWK-305
Social Work Practice with Individuals and Families
3 Credits  Weekly (3-0-0)
This course provides students with an introduction to social work practice with individuals and families. The course is designed to provide students with knowledge of social work practice theories, methods and skills and apply these skills to their practice with individuals and families. Theoretical models and skills related to direct practice are critically examined and explored within the context of professional social work practice including social work ethics, non-oppressive practice, and a commitment to social and environmental sustainability. Students develop their own model of personal/professional sustainability and explore how interventions are implemented in a sustainable way for individuals, families and agencies. Typically this class is taken in conjunction with SOWK 301, 302, 303 and 304. In Individual and Family Practice, students integrate in their practice aspects from all these other classes.

SOWK-310
Social Work and Intercultural Practice
3 Credits  Weekly (3-0-0)
This course is an introduction to social work practice with people of diverse cultures and spiritualities. It begins with an exploration of historical and contemporary issues and social policies related to Canada’s identity as a nation of Indigenous people and immigrants; then proceeds to explore experiences and issues of immigrant and refugee people. The course takes a positive, anti-oppressive and strengths-based stance on supporting immigrant and refugee people and communities as they deal with the challenges of migration and pressures for assimilation. The framework for practice presented is focused on relational ethics, with emphasis on the third space and skilled dialogue as interactional care practices. Students are strongly encouraged to develop their reflective skills.
Prerequisites: SOWK 301.
SOWK-331
Critical Thinking and Social Work Research Methods
3 Credits  Weekly (3-0-0)
Students are introduced to the major research paradigms and methods of scientific inquiry with a particular emphasis on developing skills in utilizing, evaluating and designing research that is relevant in all areas of social work practice. Students are challenged to examine their own approach to knowing, to incorporate evidence-based research into practice, and to think critically about research and how it is reported to the public. The subjectivity of the researcher, the political and ethical context of research, and the role of research as an instrument of power in the lives of oppressed peoples are discussed.

SOWK-312
Social Policy
3 Credits  Weekly (3-0-0)
Students trace the development of Canadian social welfare policy and examine social justice issues and human rights that impact on social work practice. Students develop a critical understanding of the theory and knowledge of anti-oppressive practice and how it relates to human need and social services. Key concepts that challenge social injustices related to economic, social, political and ethical views of society are examined.

SOWK-330
Trauma Informed Practice
3 Credits  Weekly (3-0-0)
Students develop an understanding of trauma and the variety of individual responses to trauma. Students learn the interplay of trauma, mental health and substance abuse. Students learn about self-sustainability, professional and agency sustainability. Developmental, Indigenous and inter-cultural issues related to trauma are explored. Students practice how to conduct an assessment and implement the principles of trauma informed practice.

SOWK-350
Field Practicum
5 Credits  Total (0-0-300)
Students are placed in a human service agency with supervision and mentorship provided by an experienced practitioner. Students also receive mentorship from a faculty liaison who coordinates and supports the placement. The purpose of this field placement is to integrate theory and practice, to develop social work skills, examine practice from an ethical perspective, consider the impact of personal experiences/history and develop a professional identity. As learners in the field, students apply their knowledge to the profession of social work.
Prerequisites: SOWK 305.
Co-requisites: SOWK 351.

SOWK-351
Field Practicum Seminar
1 Credit  Total (0-0-12.5)
Students have the opportunity to discuss experiences in placement and to apply social work theory to their field experiences. The focus of the course is the integration of theory and practice, to develop social work skills, to examine practice from an ethical perspective, to consider the impact of personal experiences/history and develop a professional identity. Students utilize the seminar to discuss ethical issues in practice and they have opportunities to discuss competency in applying a theoretical framework to reflect on their practice. Students critically engage in self-reflection, analyze their practice, and engage in a small group process to develop their professional problem solving skills & to enhance their professional self.
Prerequisites: SOWK 305.
Co-requisites: SOWK 350.

SOWK-402
Social Work with Groups
3 Credits  Weekly (3-0-0)
This course focuses on group work practice within the context of social work values, beliefs, and ethics. The course is designed to provide students with knowledge and skills in group planning and facilitation for application in a variety of social work settings. Theoretical models of group practice and social group work are presented, and the use of groups as a means to address oppression is examined. Self-awareness is encouraged through participation in group sessions and activities. An emphasis throughout the course is understanding diversity and how it influences group planning and process.

SOWK-403
Leadership in Human Service Organizations
3 Credits  Weekly (3-0-0)
This course explores theories, practices and issues related to leadership of contemporary human service organizations in Canadian society. Critical perspectives will enhance the students’ understanding of the unique nature of social service organizations, and will contribute to students’ development as effective, ethical and egalitarian leaders who value diversity, sustainability, inter-professionalism, and anti-oppressive practice. Students will review and critically analyze leadership and organizational theories, gender, class and diversity issues, and specific leadership strategies to create responsive, ethical and positive organizational cultures whose primary goals are service to vulnerable and marginalized populations.

SOWK-401
Introduction to Social Work with Communities
3 Credits  Weekly (3-0-0)
Community work is a core component of social work. Social workers in a community setting work to promote social justice by organizing diverse, marginalized and oppressed communities to problem solve and influence structural changes. This course teaches students about the nature of power and the social networks that it flows through, the skills and practices needed to mobilize diverse voices, and the ethics and values that guide social work with communities.
SOWK-410
Advanced Social Work Practice with Children and Families
3 Credits Weekly (3-0-0)
Students deepen their knowledge base and practice skills specific to social work with children and families. Recognizing that there are complex social and environmental factors influencing the lives of families and children, students look at multiple sources of knowledge to identify and analyze areas of oppression, and to develop strategies for prevention / intervention. The focus is to prepare students for direct and indirect practice with vulnerable populations so they are able to work in both traditional and multidisciplinary settings. Students are encouraged to build an understanding of relational ethics and to apply an anti-oppressive lens in creating a framework for practice with children and families.

Prerequisites: SOWK 302.

SOWK-412
Advanced Social Work Practice with Communities
3 Credits Weekly (3-0-0)
This course provides students with a strong foundation in critical social work (sub)theories that influence community practice. Utilizing structural and anti-oppressive social work perspective, students explore core concepts such as globalization, internationalizing social work practice, Indigenous community development and community resiliency theory. The course focus is on the integration of practice and skill building with theory and methods. Students are challenged to enhance their understanding of the interconnected and interrelatedness of social inequities, environmental instability, global capitalism, and diverse forms of oppression at the individual, institutional and structural levels. Activities and assignments focus on fostering critical self and social reflection all the while aiming to identify strategies to address complex issues in today's globalized world.

SOWK-413
Advanced Practice in Health and Mental Health Settings
3 Credits Weekly (3-0-0)
This course prepares students to work in health/mental health settings by introducing them to the theory and advanced practice skills specific to these practice settings. Recognizing healthcare settings requires the social worker to collaborate with other healthcare professionals to achieve client health and well-being, students examine various healthcare models to develop intervention strategies to meet the complex needs of the individual and family and address issues of oppression. Social workers have a special role to present the voices of families and advocate for all members of the client system. Through the use of simulation lab sessions, students examine psychosocial assessment, contracting, intervention planning/delivery, and documentation. Special issues of health and social policies that govern healthcare practice and bioethics are presented.

SOWK-430
Gerontolojy - Social Work with Elderly
3 Credits Weekly (3-0-0)
Students examine a broad range of theories and contemporary issues in aging that relate to social work practice with older adults and their families from a strength-based perspective, using theoretical, research and practice knowledge. Specific consideration is given to heterogeneity of the older adult and aging population in the areas of age, gender, race and ethnicity, class, sexual orientation, religious, physical or mental disability, and national origin. Anti-oppressive practice, sustainable social work practice, evidence-based practice, and capacity building are highlighted throughout the course. Course content also includes social work skills in interdisciplinary treatment approaches, collaborating within communities, cultural competency, and ethical and legal issues.

Prerequisites: SOWK 302.

SOWK-431
Addictions
3 Credits Weekly (3-0-0)
This course pursues a critical analysis of the evolution of the addiction field of study in Canadian social work practice. It is designed to facilitate student learning about the developmental course of addiction (personal and societal) and the effective interventions and treatment modalities typically employed by the social work profession. The science and culture surrounding substances are addressed. Specific vulnerable/ marginalized populations, the role of stigma in accessing and providing care, and the individual, familial, and community manifestation of the consequences of addiction are also discussed. Students explore and critically analyze the policy that governs the addiction treatment system. How addiction is defined on an individual, community and societal level will be examined in order to facilitate a critique of the system. The focus of study will be generated from a social justice, anti-oppressive and strengths-based lens.
SOWK-433
Social Work Practice with Gender and Sexual Diversity
3 Credits Weekly (3-0-0)
This course focuses on developing affirmative social work practice with lesbian, gay, bisexual, transgender, transgender, Two-Spirit, queer, questioning and asexual (LGBTQA) people. Social work professional roles are examined within the context of heteronormativity, queer theory, structural practice and social justice. Students become familiar with the intersectionality of sexuality, gender, race and age, examine federal and provincial legislation, and the history of queer rights. Students learn to critically analyze agencies, institutions and direct practice models, and become familiar with social work practice in the LGBTQA community. Opportunities are provided for learners to explore their own identity, values and beliefs and develop a personal frame of practice.

SOWK-438
Child Welfare
3 Credits Weekly (3-0-0)
Students investigate the social work field of child welfare and examine issues related to child abuse and challenges facing families. Students engage in a critical examination of the need for child protection, related historical, legal and ethical issues and recent research findings that both highlight contemporary challenges as well as inform best practices in child protection. The role of child protection systems and helping professionals related to child and family welfare in Canadian society are examined.

SOWK-440
Grief and Loss in Social Work Practice
3 Credits Weekly (3-0-0)
This course provides an overview of historical and contemporary theories of loss and relates it to social work practice. The course explores the broad meanings and applications of grief theory using a constructivist point of view including how individuals, families, and cultures experience the trauma of loss. Students learn through experiential modalities.

SOWK-450
Field Practicum
8 Credits Total (0-0-400)
This course is an opportunity for students to further their previous field practice experience in a more challenging social work practice setting. Students are placed in human service organizations under the supervision and support of both their field placement supervisor and their faculty liaison. The focus of field placement is to develop social work skills, examine practice from an ethical perspective, consider the impact of personal experiences/history and develop a professional social work identity. In this field placement, students further integrate social work knowledge (theory ethics, values), develop competent social work skills and examine their practice from an ethical perspective.
Prerequisites: SOWK 350 and SOWK 351 for University transfer pathway students only.
Co-requisites: SOWK 410 or SOWK 411 or SOWK 412 or SOWK 413 and SOWK 451.

SOWK-451
Field Practicum Seminar
1 Credit Total (0-0-12.5)
The field practicum seminar provides an opportunity for the student to discuss experiences in placement and to apply social work theory to their field experiences. The focus of the course is the integration of theory and practice, to develop social work skills, to examine practice from an ethical perspective, to consider the impact of personal experiences/history and to develop a professional identity. Students utilize the seminar to discuss ethical issues in practice and they have opportunities to discuss competency in applying a theoretical framework to reflect on their practice. Students critically engage in self-reflection, analyze their practice and engage in a small group process to problem solve and to enhance their professional self. In this advanced seminar, students are expected to provide leadership, be prepared to critically reflect and problem solve. Students are expected to have an integrated professional identity.
Prerequisites: SOWK 350 and SOWK 351 for University transfer pathway students only.
Co-requisites: SOWK 450.

SPAN-111
Introductory Spanish I
3 Credits Weekly (5-0-0)
Spanish 111 is an introductory course designed for students with limited or no previous knowledge of Spanish. It introduces the sounds of the Spanish language, essential grammatical structures and tenses, and a practical basic vocabulary to aid the student in the development of oral/aural comprehension, expression, reading and writing skills. General aspects of geography, history and culture in Spanish-speaking countries are also introduced. Note: Students with native or near-native proficiency cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. Students with credit in Spanish 30, Spanish 35 or equivalent cannot receive credit for this course. Note: Credit can only be obtained in one of SPAN 101 or SPAN 111.
SPAN-112
Introductory Spanish II
3 Credits  Weekly (5-0-0)
This course is a continuation of SPAN 111 and is intended to further the development of the four language skills and the cultural awareness acquired in SPAN 111. **Note:** Students with native or near-native proficiency cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. Students with credit in Spanish 30, Spanish 35 or equivalent cannot receive credit for this course. **Prerequisites:** Minimum grade of C- in SPAN 111.

SPAN-211
Intermediate Spanish I
3 Credits  Weekly (5-0-0)
Spanish 211 is designed for students to develop and strengthen aural comprehension, expression, reading skills and writing skills acquired in beginner-level courses. **Note:** Students with native proficiency cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. **Prerequisites:** Minimum grade of C- in SPAN 112 or successful completion of Spanish 30, 35, or equivalent course.

SPAN-212
Intermediate Spanish II
3 Credits  Weekly (5-0-0)
Spanish 212 is a continuation of SPAN 211 and is intended to further develop and strengthen the oral comprehension, expression, reading and writing skills acquired in SPAN 211. **Note:** Students with native proficiency cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. **Prerequisites:** Minimum grade of C- in SPAN 211.

SPAN-216
Conversation and Composition in Spanish I
3 Credits  Weekly (4-0-0)
SPAN 216 is an advanced intermediate-level course for students with a working knowledge of the language. Conducted in Spanish, this course provides students the opportunity to improve spoken and written Spanish. Attention is given to accuracy in pronunciation, understanding spoken Spanish and correct use of grammar, with emphasis placed on developing a clear and concise writing style in a variety of modes and formats. **Note:** Students with native proficiency cannot take this course. Heritage speakers must consult the department prior to enrolling in this course. Students with a proficiency level beyond this course may be directed to a higher-level course. **Prerequisites:** A minimum grade of C- in SPAN 212.

SPAN-230
Conversation and Composition in Spanish II
3 Credits  Weekly (4-0-0)
Spanish 230 is a continuation of Spanish 216. Students further strengthen their oral and written Spanish skills at the advanced intermediate-level. Conducted in Spanish, attention is given to accuracy in pronunciation, understanding spoken Spanish and correct use of grammar, with emphasis placed on developing a clear and concise writing style in a variety of modes and formats. **Note:** Students with native proficiency cannot take this course. Heritage speakers must consult the department prior to enrolling in this course. **Prerequisites:** A minimum grade of C- in SPAN 216.

SPAN-306
Spanish for Heritage Speakers
3 Credits  Weekly (5-0-0)
This course is intended for speakers with an advanced level of oral proficiency, but little or no previous formal study of Spanish. It focuses on topics such as grammar and sentence structure, spelling and punctuation, interference between English and Spanish, and colloquial versus formal usages with the objective of improving skills in oral and written communication. **Prerequisites:** Consent of the department.

SPAN-315
Advanced Oral Practice and Composition in Spanish
3 Credits  Weekly (3-0-0)
Taught in Spanish, this course is designed for students who wish to consolidate their oral/aural skills at an advanced level. It provides intensive composition and conversation practice. The course focuses on further developing students' means of expression through practice in text summary, composition, text analysis, essays, review of complex grammar concepts, and discussion of a variety of recorded material, articles and films. **Prerequisites:** Minimum grade of C- in SPAN 250.

SPAN-321
Cultures and Civilizations of Spain and Spanish America
3 Credits  Weekly (3-0-0)
Taught in Spanish, this survey course examines the Spanish-speaking world (Spain and Spanish America) through traditions, customs, historical events, sociopolitical issues, literatures, and artistic trends. **Prerequisites:** Minimum grade of C- in SPAN 250.

SPAN-322
Contemporary Spanish and Latin American Films
3 Credits  Weekly (3-0-0)
This course focuses on the study of culture through Contemporary Spanish and Latin American films. It provides students with the basic tools of filmic language to critically analyze films within their sociocultural, historical, thematic, and aesthetic content. This course is designed to stimulate discussion, increase the students' familiarity with methods of analysis, and provide a better understanding of Hispanic cultures and thoughts. Films and readings are in Spanish. Secondary sources may be in English. Previous knowledge of Hispanic films is not required. This course is conducted in Spanish.
SPAN 230
Monsters and Other Beings
3 Credits  Weekly (3-0-0)
Taught in Spanish, this course introduces students to depictions of monstrosity or deviance in the Hispanic historic and cultural imaginary. Monsters and other imaginary beings have been used to identify what is seen as threatening to the status quo of society. Through a selection of provocative texts and audiovisual materials, students explore the use of terms such as monster, witch, whore, and evil. The course focuses on the discussion of the monstrous deviation as a reflection of human existence in relation to the socio-cultural and political environment in Hispanic societies from antiquity to the present. Prerequisites: Minimum grade of C- in SPAN 230.

SPAN 335
Introduction to Business Spanish
3 Credits  Weekly (3-0-0)
Conducted entirely in Spanish, this course focuses on business terminology and the stylistic features of business communication, oral and written. The course also fosters cross-cultural awareness necessary to function effectively in the Spanish-speaking business world. Advanced Spanish language proficiency is required. Individual and group presentations are an essential part of this course. Prerequisites: Minimum grade of C- in SPAN 230.

SPAN 341
Introduction to Translation
3 Credits  Weekly (3-0-0)
SPAN 341 is an introduction to the theory and the practice of translation. The course offers an overview of translation while providing practice with a variety of texts. Students review basic linguistic and cultural patterns, and discuss common grammatical and lexical difficulties. Students also work on the assessment and translation of original texts from English/Spanish to Spanish/English. Prerequisites: Minimum grade of C- in SPAN 230.

SPAN 350
Magical Realism, Subversion and Sexuality in Hispanic Films and Literature
3 Credits  Weekly (3-0-0)
This course introduces students to one of the most stimulating and creative trends in contemporary Hispanic literatures and cinema, Magical Realism, in which elements of magic are incorporated into everyday reality. Students critically examine a selection of representative magical realist fiction and films, exploring the relationship between the magical and the real within each text and their historical and cultural context. Because Hispanic Magical Realism has been considered a subversive mode of writing (and representation in general) that challenges discourses of power, this course also analyses the effectiveness of Magical Realism in liberating the voices of the subjugated, especially women. The course is conducted in Spanish. Readings are primarily in Spanish. Secondary sources may be in English. Prerequisites: Minimum grade of C- in SPAN 230.

SPAN 351
Women in Hispanic Literatures
3 Credits  Weekly (3-0-0)
This course focuses on the role of women in the literatures of Spain and Spanish America from the Medieval period through the 20th century. It analyzes how the construction of gender in literature reflects, interacts with or rejects the cultural and socio-historical conditions of the time. This course is designed to stimulate discussion, increase the student's familiarity with methods of literary analysis, and provide an understanding of Hispanic cultures and thought. This course is conducted in Spanish. Readings are primarily in Spanish. Secondary sources may be in English. Prerequisites: Minimum grade of C- in SPAN 230.

SPAN 352
Survey of Spanish and Hispanic American Literatures
3 Credits  Weekly (3-0-0)
This course is an overview of literary production and cultural expression in Spain and Hispanic America from the medieval period to the twenty-first century. Through the study of poems, excerpts of literary works (prose and drama) and essays by the most representative writers, students analyze and interpret the main literary movements and trends of each period. The course offers students the necessary tools to discuss literary texts as a means to approach Hispanic societies, their history, culture and values. This course is conducted in Spanish. Primary readings are in Spanish. Secondary sources may be in English. Prerequisites: Minimum grade of C- in SPAN 230.

SPAN 398
Independent Study
3 Credits  Total (0-0-45)
This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

SPAN 498
Advanced Independent Study
3 Credits  Total (0-0-45)
This course permits senior-level students to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
STAT-151
Introduction to Applied Statistics
3 Credits  Weekly (3-1.5-0)
In this course the following topics are covered: data collection and presentation; descriptive statistics; probability distributions, sampling distributions and the central limit theorem; point estimation, confidence intervals, and hypothesis testing; one-way ANOVA; Chi-square tests; and correlation and regression analysis. Applications are taken from a broad variety of fields such as biological and medical sciences, engineering, social sciences and economics. Note: This course may not be taken for credit if credit has been obtained in Stat 161.

Prerequisites: Mathematics 30-1 or Mathematics 30-2 or successful completion of the statistics gateway exam.

STAT-161
Applied Statistics for the Social Sciences
3 Credits  Weekly (3-1.5-0)
This course provides an introduction to descriptive and inferential statistics with a focus on data analytic tools particularly relevant in the social sciences. Topics covered in this course include descriptive statistics, basic probability theory and the central limit theorem; estimation and hypothesis testing; t-tests, analysis of contingency tables, one way ANOVA, and multiple linear regression analysis. Applications are taken from the social sciences and many other fields such as biological and medical sciences, engineering, and economics. Note: Credit cannot be obtained in both STAT 151 and 161.

Prerequisites: Mathematics 30-1 or Mathematics 30-2 or successful completion of the statistics gateway exam.

STAT-252
Applied Statistics II
3 Credits  Weekly (3-2-0)
Fundamental methods in applied statistics are presented in this course including the following topics: factorial ANOVA and Linear Regression models and their analysis as well as non-parametric statistical tools for the comparison of the centre of distributions. Applications are taken from a broad variety of areas such as biological, social and computer sciences, engineering, and economics.

Prerequisites: Minimum grade of C- in one of STAT 141, STAT 151, STAT 152 or STAT 161.

STAT-265
Probability Theory
3 Credits  Weekly (3-0-1)
This course offers a calculus-based introduction to probability theory. Topics covered include sample space, events, combinatorial probability, conditional probability, independent events, Bayes' theorem, discrete and continuous random variables, univariate and multivariate probability distributions, expectation, conditional expectation, joint probability distributions, independence, moment generating functions. Note: STAT 151 is recommended and MATH 214 is a recommended co-requisite.

Prerequisites: Minimum grade of C- in MATH 115.

STAT-266
Mathematical Statistics
3 Credits  Weekly (3-1-0)
The emphasis of this course is to present the fundamental statistical concepts in estimation and hypothesis testing from a classical perspective using the tools of probability theory. Topics covered include: limit theorems, sampling distributions, methods of point estimation and properties of point estimators, interval estimation, testing hypotheses. Statistical software is used to simulate distributions and probabilistic process that lead to statistical applications.

Prerequisites: Minimum grade of C- in STAT 265.

STAT-268
Computational Statistics with R
3 Credits  Weekly (2-2-0)
This course explores the usage of computer programming and algorithms in the field of statistics. The focus of the course will be computationally intensive statistical methods, such as Monte Carlo simulations, the expectation-maximization algorithm, and bootstrapping. The material will be illustrated and the students' work will be carried out using R (a free, open source, multi-platform programming language).

Prerequisites: Minimum grade of C- in STAT 266, and in either CMPT 101 or CMPT 103.

STAT-350
Sampling Theory and Applications
3 Credits  Weekly (3-0-0)
This course concentrates on the design and analysis techniques for sample surveys. Topics include simple random sampling, stratified sampling, ratio, regression and difference estimation, single-stage cluster sampling, systematic sampling, two-stage cluster sampling.

Prerequisites: Minimum grade of C- in STAT 265.

STAT-353
Design and Analysis of Experiments
3 Credits  Weekly (3-2-0)
This course deals with design, conduct and analysis of experimental studies. Topics include: principles of design, completely randomized design with one factor, randomized complete block designs, Latin square design, Graeco-Latin square design, balanced incomplete block design, factorial design, two-level factorial design, two-level factorial design in incomplete blocks, two-level fractional factorial design, experiments with random factors, and nested and split-plot designs.

Prerequisites: Minimum grade of C- in STAT 266.
STAT-370
Applied Time Series Analysis
3 Credits  Weekly (3-0-0)
This is an introductory course in time series analysis. Topics include: analysis of time series, models and basic methods in spectral analysis. Model selection, estimation, and forecasting are illustrated for the autoregressive, moving average, ARMA, and ARIMA models. Depending on students' interests, ARCH models may be included. Applications are taken from medical and social sciences, biology, engineering and business.
Prerequisites: Minimum grade of C- in STAT 266 and in either MATH 120 or MATH 125.

STAT-371
Applied Categorical Data Analysis
3 Credits  Weekly (3-2-0)
This course presents fundamental methods in categorical data analysis emphasizing applications. Topics include: analysis of two-way tables, models for binary response variables, loglinear models, and models for ordinal data and multinomial response data.
Prerequisites: Minimum grade of C- in either STAT 252 or STAT 266.

STAT-372
Applied Multivariate Analysis
3 Credits  Weekly (3-2-0)
This course will focus on essential multivariate statistical methods. Topics include matrix algebra, tests of significance, principal components analysis, factor analysis, discrimination analysis, cluster analysis and canonical correlation analysis. This course is relevant to working professionals in health, social biological and behavioral sciences who engage in applied research in their field.
Prerequisites: Minimum grade of C- in MATH 120 or MATH 125 and STAT 252 or STAT 265.

STAT-378
Applied Regression Analysis
3 Credits  Weekly (3-2-0)
The course introduces methods in regression analysis. Topics include: multiple linear regression with particular focus on diagnostics, non-linear regression, and generalized linear models, such as Poisson regression and logistic regression. Emphasis will be placed on the practical application of the statistical methods.
Prerequisites: Minimum grade of C- in either STAT 266 or all of STAT 252, MATH 114 and in MATH 120 or MATH 125.

STAT-398
Independent Study
3 Credits  Total (0-0-45)
This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
Prerequisites: Consent of the Department.

STAT-412
Stochastic Processes
3 Credits  Weekly (3-2-0)
This course presents fundamental results regarding Poisson processes, discrete and continuous time Markov processes, martingales and random walks. A practical but rigorous approach to stochastic processes will be utilized, with a focus on building models and understanding them mathematically.
Prerequisites: Minimum grade of C- in MATH 120 (or MATH 125), MATH 214, STAT 266, and an additional three credits in any 300 level STAT course.

STAT-465
Probability Theory and Mathematical Statistics II
3 Credits  Weekly (3-1-0)
This course offers a rigorous approach to probability theory and mathematical statistics. Topics include conditional expectation and variance, multivariate normal distribution, convergence, laws of large numbers, central limit theorem, maximum likelihood estimator and its properties, Delta method, likelihood ratio tests, Taylor and Edgeworth expansions.
Prerequisites: A minimum grade of C- in Math 225, STAT 266 and any 300-level statistics course.

STAT-495
Special Topics in Statistics
3 Credits  Weekly (3-0-0)
In this course students examine an advanced topic in Statistics. Topics vary and are announced prior to registration. Consult with faculty members in Statistics for details regarding current offerings. Note: This course may be taken multiple times for credit.
Prerequisites: Minimum grade of B- in a 300-level STAT course and consent of the department.

STAT-496
Statistical Consulting Project
3 Credits  Weekly (3-0-0)
The aim of the course is to provide students with experience in statistical consultation. Students are assigned to research projects as consultants, which requires them to consider ethical statistical practice, choose the appropriate statistical technique, and communicate the results to a non-mathematical audience.
Prerequisites: A minimum grade of C- in two 300-level statistics courses.

STAT-498
Advanced Independent Study
3 Credits  Total (0-0-45)
This course permits senior-level students to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
SUST-201
Introduction to Sustainability
3 Credits Weekly (3-0-0)
In this course, which builds on the legacy of our university’s namesake, Dr. J. W. Grant MacEwan, students examine the theories, principles, and practices of sustainability, focusing on the interconnectedness of environmental, economic, and social systems in achieving overall well-being. Students explore compelling sustainability issues from a variety of inter-disciplinary perspectives.

TAST-101
Child and Adolescent Development
3 Credits Weekly (3-0-0)
This course provides a survey of the major theories of human development, principles, research findings, and concepts relating to child and adolescent development from a cognitive, social/ emotional, and physical perspective. Course material explores several aspects influencing individual development from preschool to adolescence with a focus on application of this content to the educational setting.

TAST-102
Supporting Classroom Behaviour Management
3 Credits Weekly (3-0-0)
Students develop the skills and knowledge to provide positive behavioural support to students within the context of the teacher’s classroom behaviour management system. Course content addresses the interrelationship of multiple factors within the classroom environment, strategies to foster positive student behaviour, methods of observing, documenting and reporting student behaviours to teachers, understanding of what influences behaviour and the communicative function of student behaviour, the development and implementation of appropriate intervention strategies for students who require complex behavioural services, and the critical need for positive classroom relationships.

TAST-103
Language Learning and Math Across the Curriculum
3 Credits Weekly (3-0-0)
In this course, students examine the theory and practice of literacy within the Alberta Language Arts and Mathematics curricula. Students learn to support the implementation of these programs by adapting materials to meet the learning styles and needs of pupils. Learning a variety of practical strategies, students are able to transfer real skills to the classroom, including paired reading, spelling systems, and math manipulatives.

TAST-107
Students with Exceptionalities - Level I
3 Credits Weekly (3-0-0)
This course examines the philosophy and educational concepts associated with educating students with special needs in Alberta. In addition, the course examines theoretical information related to attention deficit disorder (ADD/ ADHD), learning disabilities, Down Syndrome, Fragile X Syndrome, cerebral palsy, epilepsy, and Fetal Alcohol Spectrum Disorder. The role special needs educational assistants have in implementing the objectives identified in student’s Individual Program Plan is also examined. Students explore in-depth program modification strategies, documentation strategies and the effects of specific medications.

TAST-114
Specialized Skills and Practice
2 Credits Weekly (2-0-0)
Students develop the skills necessary to support classroom teachers and students with specific special education needs. The course blends theory with effective practice to prepare assistants who must demonstrate ways to adapt learning activities and materials for students with a range of academic, emotional and physical challenges. The particular special education need studied varies from term to term.

TAST-117
Students With Exceptionalities - Level II
3 Credits Weekly (3-0-0)
This course examines the philosophy and educational concepts associated with educating students with special needs in Alberta. In this course, students learn to implement strategies, as directed by the teacher, in order to realize a student’s goals as outlined in the Individualized Program Plan (IPP). In addition, specific areas of study include: emotional/behaviour disorders, Tourette’s Syndrome, autism spectrum disorders, developmental disabilities, anxiety or eating disorders, traumatic brain injury, oppositional defiant disorder, medication, depression, schizophrenia, and conduct disorder. Specific sessions will address transporting and lifting, medication administration in classrooms, learning styles, and how to best meet the needs of children with autism.

TAST-125
Collaborative Team Practice
3 Credits Weekly (3-0-0)
This course introduces students to the foundational skills required to effectively contribute to classroom learning teams. Through mediated learning activities students have the opportunity to build on and expand their own communication skills and practice the interpersonal skills needed to work productively in a variety of educational contexts. The roles and responsibilities of learning team members are identified and compared as the dynamics among the roles of these team members are explored. A strong emphasis is placed on experiential learning and self-growth activities.

TAST-128
Assistive and Adaptive Technology
3 Credits Weekly (3-0-0)
This course provides an introduction to assistive technology resources used to support children and adults with disabilities to achieve success in their learning and work throughout their lifespan. Students compare methods used to make decisions about appropriate assistive technology for specific needs and examine their role in the needs assessment and implementation processes.
Vocal Production for Music Theatre I

3 Credits  Total (11-45-9)

Vocal music production includes vocal training for the stage (both spoken and sung), private weekly coaching sessions, and an introduction to the history and repertoire of musical theatre. Through vocal and physical exercises, students learn techniques and strategies for successful rehearsal and performance. Spoken voice builds foundational skill in proper vocal production for the stage. Posture, breath management, tone quality, diction, interpretation and musicianship are explored in weekly private singing lessons. Lectures provide historical and thematic context of the evolution of American musical theatre, charting its genesis from ancient times to the mid 20th century, and the styles that inform the presentation of this material. All these facets of study culminate in weekly workshops with the performance of songs, and their integration into a dramatic textual setting.


Performing Skills I

3 Credits  Total (0-0-180)

The practicum is designed to provide students experiential learning opportunities in the field to connect their knowledge, skills and attitudes to the content of program theoretical course work. Through practical, hands-on work at their school site, students experience the full range of responsibilities associated with the complex role of educational assistants. The supervised practice setting enables students to develop the confidence and knowledge required to be an effective practitioner in the field of education.


DRMA 102.

COURSE DESCRIPTIONS

DRMA 102.

Dance Skills I

3 Credits  Weekly (0-6-0)

In this course, students are introduced to the fundamentals of dance technique and movement for actors. Dance technique classes, primarily in ballet, jazz and tap, explore the various styles of dance demanded of the musical theatre performer through exercises in these disciplines and the preparation of both solo and ensemble pieces. Movement classes assist the developing actor in increasing body awareness, thus providing a better basis for character physicalization.

Co-requisites: DRMA 102.

THAR 101

Acting Skills I

3 Credits  Total (10-80-0)

Acting Skills I is the first in a series of courses to develop the essential skills to create in both a solo and ensemble environment as a beginning actor. This is a course of preparation and discovery. Through the exploration of body, voice and imagination, students are introduced to the foundational tools of actor training through Improvisation, Text Study and Monologue/Scene Study.

THAR 102

Vocal Music I

1 Credit  Total (0-30-7.5)

This course has two components, the Vocal Lesson and the Vocal Lab. In the Vocal Lesson, posture, breath management, tone quality, diction, interpretation and musicianship are stressed in weekly private lessons. In the Vocal Lab, the fundamentals of the analysis and preparation of songs from music theatre are explored. Performing songs and integrating songs into a dramatic setting are the bases of this weekly workshop.

THAR 104

Vocal Production for Music Theatre I

3 Credits  Total (11-45-9)

Vocal music production includes vocal training for the stage (both spoken and sung), private weekly coaching sessions, and an introduction to the history and repertoire of musical theatre. Through vocal and physical exercises, students learn techniques and strategies for successful rehearsal and performance. Spoken voice builds foundational skill in proper vocal production for the stage. Posture, breath management, tone quality, diction, interpretation and musicianship are explored in weekly private singing lessons. Lectures provide historical and thematic context of the evolution of American musical theatre, charting its genesis from ancient times to the mid 20th century, and the styles that inform the presentation of this material. All these facets of study culminate in weekly workshops with the performance of songs, and their integration into a dramatic textual setting.


THAR 105

Play Analysis

3 Credits  Weekly (3-0-0)

Although it explores the influence of drama as theatre, this course concentrates on the critical analysis of the dramatic text. Through the study of scripts representing major historical periods when drama significantly influenced society, students become aware of the basic elements of dramatic structure. Students are introduced to a multiplicity of perspectives of play analysis (director, designer, dramaturge, actor, and critic). The influence of drama on contemporary society is part of this exploration. Students are required to attend and study at least two productions during the current term.

Note: This course may not be taken for credit if credit has been obtained in DRMA 102.

THAR 108

Music Theory and Ear Training I

3 Credits  Weekly (3-0-0)

This course introduces the theoretical basics of music as they apply to the repertoire of music theatre. Students apply the basic rudiments of music theory to the analysis of music theatre repertoire. Topics include: functional chords, as well as the sight-singing of intervals, melodies, rhythms, and chords, as well as the sight-singing of melodies and rhythms drawn from the music theatre repertoire.

THAR 109

Performing Skills I

3 Credits  Weekly (0-6-0)

In this course, students are introduced to the fundamentals of dance technique and movement for actors. Dance technique classes, primarily in ballet, jazz and tap, explore the various styles of dance demanded of the musical theatre performer through exercises in these disciplines and the preparation of both solo and ensemble pieces. Movement classes assist the developing actor in increasing body awareness, thus providing a better basis for character physicalization.

THAR 110

Music Theory and Ear Training I

3 Credits  Weekly (3-0-0)

This course introduces the theoretical basics of music as they apply to the repertoire of music theatre. Students apply the basic rudiments of music theory to the analysis of music theatre repertoire. Topics include: functional chords, as well as the sight-singing of intervals, melodies, rhythms, and chords, as well as the sight-singing of melodies and rhythms drawn from the music theatre repertoire.

THAR 140

Music Theory and Ear Training II

3 Credits  Weekly (3-0-0)

Students continue to study music theory and ear training with song selections from the music theatre repertoire. Coursework focuses on the relationship between theory and the performance of music theatre repertoire.

Prerequisites: Minimum grade of C- in THAR 140.
THAR-149  
Introduction to Dramatic Process  
3 Credits  
Weekly (0-5-0)  
This course is designed for students with little or no previous experience in drama and therefore introduces students to the process of acting and dramatic form. By improving their improvisational techniques in the disciplines of speech and movement, students develop an increased awareness of the art of drama in relationship with the process of the actor. The class focus is on concentration and group dynamics; there is no scripted work. Attendance is essential. Note: This course may not be taken for credit if credit has been obtained in DRMA 149.

THAR-151  
Acting Skills II  
3 Credits  
Weekly (0-6-0)  
Acting Skills II further develops the skills and techniques required by the successful actor. It is designed to integrate the technical, imaginative and personal discoveries of the preceding course. Focus shifts from process to performance with the exploration and presentation of a complete play. Prerequisites: Minimum grade of C- in THAR 101.

THAR-152  
Vocal Music II  
1 Credit  
Total (0-12-7.5)  
This course has two components, the Vocal Lesson and the Vocal Lab. In the Vocal Lesson, posture, breath management, tone quality, diction, interpretation, and musicianship are stressed in weekly private lessons. Building upon the fundamentals introduced in Vocal Music I, the Vocal Lab continues to develop skills in the analysis and preparation of songs from music theatre. Prerequisites: Minimum grade of C- in THAR 102.

THAR-154  
Vocal Production for Music Theatre II  
3 Credits  
Total (11-45-9)  
Continuing the exploration and discovery of Vocal Production I, this course emphasizes correct vocal production for the stage, as both a solo artist and in an ensemble setting. Spoken voice builds on proper vocal production for the stage. In weekly private coaching sessions, solo study addresses posture, breath management, tone quality, diction, interpretation and musicianship. Lectures continue to provide historical and thematic context of the evolution of American musical theatre, focusing primarily on the mid twentieth century up to the ‘Golden Age’ of musical theatre, and the styles that inform the presentation of this material. All these facets of study culminate in weekly workshops with the performance of songs via solo, duet and small ensemble work. Students are challenged to deepen their analysis of and performance of songs. Prerequisites: Minimum grade of C- in THAR 104.

THAR-160  
Dance Skills II  
3 Credits  
Weekly (0-6-0)  
This course is a continuation of the dance technique and movement classes from THAR 110. Dance technique classes, primarily in ballet, jazz and tap, are a continuation of regular weekly studio classes exploring the various styles of dance demanded of the music theatre performer. Students begin the process of integrating technique into choreography. Movement classes also continue, with a focus upon the development of personal movement patterns that become part of the actor’s technique. Prerequisites: Minimum grade of C- in THAR 110.

THAR-201  
Acting Skills III  
3 Credits  
Weekly (1-4-0)  
Acting Skills III builds on the skills developed in Acting Skills I and II. This is a term of growth, one that tests discoveries made in the first year of training. In this course, students engage in a deeper exploration of the concept of style within two new additional areas of intensified focus: Classical Scene Study and Music Theatre Scene Study. Prerequisites: Minimum grade of C- in THAR 151.

THAR-202  
Vocal Music III  
1 Credit  
Total (0-30-9)  
This course has two components, the Vocal Lesson and the Vocal Lab. In the Vocal Lesson, study of the fundamentals of singing continues. In the Vocal Repertoire Class, the analysis and preparation of songs for music theatre continues with an emphasis on the preparation of material for auditions. Prerequisites: Minimum grade of C- in THAR 152.

THAR-204  
Vocal Production for Musical Theatre III  
3 Credits  
Total (8.5-45-16.5)  
Vocal Production III entails further development of musicianship and refinement in performance, with the addition of more rigorous application of vocal exercises and techniques. Students develop as individual performers, concentrating on song interpretation incorporating various acting techniques. Vocal work strengthens textual freedom and specificity in rehearsal and performance. Lectures and song analysis expand the repertoire of musical theatre as students apply genre/period styles of music theatre into performance. Prerequisites: Minimum grade of C- in THAR 154.

THAR-206  
Performance I  
3 Credits  
Total (0-0-200)  
Students audition for roles in the MacEwan Theatre Department season, and work collaboratively with the artistic and technical team in the production of a play and/or musical. Implementing all the rehearsal and performance techniques and skills acquired in their first year of training, students experience how a creative team collaborates during the rehearsal process, technical rehearsals and performance run. Prerequisites: Minimum grade of C- in THAR 109.
THAR-215
Voice and Diction I
1 Credit Total (0-15-7.5)
In this course, students build upon the foundations of vocal production established in THAR 115 with study of the mechanics of the speaking voice: breath control, phonation, resonance and articulation, drill and practice in the pronunciation of the spoken word. Students are able to apply this knowledge to the preparation and performance of text in all rehearsal and performance contexts.
Prerequisites: Minimum grade of C- in THAR 115.

THAR-216
Voice and Diction II
1 Credit Total (0-15-7.5)
This course builds upon the foundational and developmental work of THAR 115 and THAR 215, with emphasis on clarity and colour in the voice, plus exercises in prepared and cold reading. Students apply voice production skills to rehearsals for public performances as well as to the preparation of auditions.
Prerequisites: Minimum grade of C- in THAR 215.

THAR-240
Music Theory and Ear Training III
3 Credits Weekly (0-5-0)
This course is the final course of music theatre theory and ear training, focusing on the relationship and application of the basic theoretical concepts of music and advanced studies in ear training as they apply to the performance of music theatre repertoire.
Prerequisites: Minimum grade of C- in THAR 141

THAR-247
Introduction to Oral Communication
3 Credits Weekly (0-5-0)
This course helps students improve their oral communication and oral interpretation. It includes voice production appropriate for public speaking and for literary interpretation of prose, poetry, and drama. The course begins with how the voice is produced and progresses with various specifics of prose and poetry, scripted and improvisational speaking, and the effective delivery of dramatic literature (reader’s theatre and theatrical monologues). The course concentrates on individual student presentations of both original and scripted material.
Note: This course may not be taken for credit if credit has been obtained in DRMA 247

THAR-249
Music Production for Music Theatre IV
3 Credits Weekly (0-6-0)
This course consists of dance technique and movement classes. Technique classes, primarily in jazz and tap, are a continuation of regular weekly studio classes that explore the various styles of dance demanded of the music theatre performer. Students focus further on the integration of technique into choreography while developing performance skills. Regular weekly classes in movement also continue, with emphasis on the development of greater anatomical awareness, spatial awareness and movement potential.
Prerequisites: Minimum grade of C- in THAR 160.

THAR-251
Acting Skills IV
3 Credits Weekly (0-5-0)
Acting Skills IV is the final course in the series that develops the skills required for a successful actor. This laboratory course is the bridge that prepares the student for transition into the professional world. Work continues on the mechanics of acting through advanced monologue study. Students apply all their cumulative training and skills in the preparation of contrasting monologues and songs for audition purposes in a variety of milieux. Students also explore neutral mask. Finally, this course incorporates professional development sessions and introduces career management advice and tactics.
Prerequisites: Minimum grade of C- in THAR 201.

THAR-252
Vocal Music IV
1 Credit Total (0-22-9)
In weekly vocal lessons the study of the fundamentals of singing continues. In vocal repertoire classes the analysis and preparation of songs for music theatre continues, with an emphasis on the preparation of material for audition and performance. The culmination of this term’s activity is the preparation for the Mock Audition.
Prerequisites: Minimum grade of C- in THAR 202.

THAR-254
Vocal Production for Music Theatre IV
3 Credits Total (8.5-45-16.5)
This is the final course in the vocal production series. Coursework adds further depth to the foundations of vocal production. Students apply voice production skills as they rehearse and present material in more rigorous rehearsal and performance contexts. Textual modules may include monologue preparation, dialect work, characterization of the dramatic and animated voice (live and voice-over), heightened language and cold readings. More advanced studies in music theatre repertoire continues, but also includes contemporary pop/rock. Lectures focus and performers and performances throughout music theatre history. Students learn the process of building of a diverse repertoire book of songs and audition techniques, in preparation for professional audition purposes.
Prerequisites: Minimum grade of C- in THAR 204.

THAR-255
Performance II
3 Credits Total (0-0-200)
Performance II builds on the discoveries, skills and techniques of Performance I. Students acquire further opportunities to test and expand their level of training by first auditioning for and then participating in the rehearsal process, technical rehearsals and public performance of a play and/or musical. Lectures focus on audition techniques, in preparation for professional audition purposes.
Prerequisites: Minimum grade of C- in THAR 206.

THAR-260
Dance Skills IV
3 Credits Weekly (0-6-0)
This course consists of dance technique and movement classes. Technique classes (primarily in jazz and tap) explore the various styles of dance demanded of the music theatre performer, with an emphasis on the preparation of material for performance and audition. Movement classes continue in the development of greater anatomical awareness, spatial awareness and movement potential, with the addition of work on movement context.
Prerequisites: Minimum grade of C- in THAR 250.
THAS-101
Normal Development of Speech, Language and Literacy
3 Credits  Weekly (3-0-0)
This course provides students with an overview of normal speech and language development. The normal developmental milestones and sequence of typical language development from birth through to the school aged years are presented. Emergent literacy skills and literacy development are reviewed. General techniques for facilitating early speech, language and literacy development are identified.

THAS-102
Communication Disorders
4 Credits  Weekly (4-0-0)
This course introduces speech, language, fluency and voice disorders. Developmental, genetic and acquired disorders of communication in both children and adults are reviewed. Basic speech and hearing anatomy and physiology, including the respiratory system, vocal apparatus, oral cavity, ear and neurological system are also discussed.

THAS-103
Pathology
4 Credits  Weekly (4-0-0)
Students are introduced to the terminology, etiology, signs and symptoms, progression, and effects of common human disorders experienced by clients undergoing occupational and physical therapy treatments.

THAS-104
Role and Responsibilities of Paraprofessionals in an Educational Setting
2 Credits  Weekly (2-0-0)
This course focuses on the knowledge, skills and attitudes paraprofessionals need to support both teachers and children in early education and primary (K-3) classrooms. Students explore the role of a Speech Language Pathologist Assistant in relation to working in the educational setting. Beginning with an analysis of their own educational beliefs, students analyze role guidelines and professional ethics. Students study best practices in effective classroom communication and teamwork. Through a review of the components of an Individualized Program Plan, students explore the documentation of children’s progress in cooperation with other members of the educational team. The adaptation and modification of programming is explored, and students develop learning activities and materials.

THAS-115
Human Development
4 Credits  Weekly (3-2-0)
Students examine typical and non-typical human growth and development across the lifespan. Rehabilitation strategies to address deficits in mobility, cognition, and socialization with emphasis on pediatrics and geriatric populations are discussed. The effects of declining health associated with aging are addressed through rehabilitation interventions. Students are introduced to geriatric focused interventions that occur in a variety of settings. Rehabilitation strategies that address the pathological manifestations affecting the neurosensory system are introduced and practiced. Perspectives on rehabilitation measures for persons with cancer include discussion of contraindications and precautions.

THAS-116
Functional Anatomy and Orthopedics
4 Credits  Weekly (3-3-0)
An introduction to functional anatomy as it relates to human movement and common orthopedic conditions. Clinical measurement techniques, documentation and development of intervention strategies are included.

THAS-117
Principles and Techniques of Client Contact
3 Credits  Weekly (2-3-0)
Students are introduced to client contact including procedures to ensure provider and patient safety and dignity, and techniques and devices designed to improve patient mobility. Use of the health record for data collection and information sharing is covered. Methods for effective management of challenging behaviors and situations are introduced. Ethical and professional standards are discussed.

Prerequisites: Minimum grade of C- in HLSC 104, HLSC 105 and THAS 103.

THAS-201
Therapeutic Interventions I: Articulation and Phonology
5 Credits  Weekly (5-0-0)
This course focuses on learning styles and therapy techniques to implement articulation and phonological therapy. A sampling of activities and strategies reflective of various treatment approaches are discussed. Session planning, reporting progress and organization of the therapy interaction are introduced. Cueing, reinforcement, feedback and choosing materials are covered. This course also reviews therapy approaches for children and adults with neuromotor speech disorders.

Prerequisites: PSYC 104, THAS 101, THAS 102, THAS 115.

THAS-202
Therapeutic Interventions II: Introduction to Clinical Role and Skills
3 Credits  Weekly (3-0-0)
This course highlights the role and responsibilities of a Speech-Language Pathologist Assistant. The SLP/SLP Assistant relationship is also reviewed. This course also introduces students to various clinical skills including the use of the International Phonetic Alphabet. Students learn how speech sounds are produced and classified. Students refine their abilities to distinguish individual speech sounds and transcribe normal and disordered spontaneous speech. Clinical skills to enhance voice and fluency disorders are reviewed. Students also learn to complete hearing screenings. Amplification systems for hearing impaired individuals are reviewed.

Prerequisites: PSYC 104, THAS 101, THAS 102, THAS 115.
THAS-203
Field Placement I
5 Credits
Total (0-0-295)
This course is a seven week field placement under the supervision of a Speech-Language Pathologist. The field placement allows the student to practice skills related to articulation and phonology. Students are required to practice in a self-reflective manner and participate in on-line seminars.
Prerequisites: TAST 102, and minimum grade of C in THAS 201 and THAS 202.

THAS-210
Field Placement I
4 Credits
Total (0-0-205)
Students integrate knowledge and skills to demonstrate competent, safe, and ethical practice under the supervision of a Physical Therapist and/or Physical Therapist Assistant and/or Occupational Therapist and/or Occupational Therapist Assistant. Students implement treatment interventions, develop confidence, and collaborate in inter-professional teams. Students demonstrate accountability, responsibility and professional values. Students use clinical skills and attributes including reflection on practice and participation in ongoing learning. 
Prerequisites: Minimum grade of C in THAS 220, THAS 221, THAS 222 and THAS 223 and successful completion of all lab exams in THAS 116, 117, 220, 221, 222, and 223.

THAS-211
Field Placement II
4 Credits
Total (0-0-205)
Students continue to develop their integration of knowledge and skills to demonstrate competent, safe, and ethical practice under the supervision of a Physical Therapist and/or Physical Therapist Assistant and/or Occupational Therapist and/or Occupational Therapist Assistant. Students implement treatment interventions and collaborate in inter-professional teams. Students demonstrate accountability, responsibility and professional values. Students develop clinical skills and attributes including reflection on practice and participation in ongoing learning.
Prerequisites: Minimum grade of C in THAS 220, THAS 221, THAS 222 and THAS 223 and successful completion of all lab exams in THAS 116, 117, 220, 221, 222, and 223.

THAS-212
Field Placement III
4 Credits
Total (0-0-205)
In this placement, students consolidate knowledge and skills to demonstrate competent, safe, and ethical practice under the supervision of a Physical Therapist and/or Physical Therapist Assistant and/or Occupational Therapist and/or Occupational Therapist Assistant. Students implement the skill set of a Physical Therapist Assistant/Occupational Therapist Assistant, develop confidence, and collaborate interprofessionally. Students demonstrate accountability, responsibility and professional values. Students further develop clinical skills and attributes including reflection on practice and participation in ongoing learning.
Prerequisites: Minimum grade of C in THAS 220, THAS 221, THAS 222 and THAS 223, and successful completion of all lab exams in THAS 116, 117, 220, 221, 222, and 223.

THAS-213
Therapeutic Interventions III: Language
5 Credits
Weekly (5-0-0)
This course explores language intervention approaches. Students are introduced to therapy techniques appropriate to implementing treatment for language delays and acquired disorders with toddler, pre-school, school-aged and adult populations. Choosing age-appropriate materials and activities is practiced. Students acquire skills to document progress. This course encompasses strategies for working with clients one-on-one and in groups.
Prerequisites: PSYC 104, THAS 101, THAS 102, THAS 104, THAS 115.

THAS-214
Therapeutic Interventions IV: Special Populations
4 Credits
Weekly (4-0-0)
Students learn speech and language therapy techniques in order to provide communication intervention to a variety of special populations. Augmentative and alternate communication devices are reviewed. Students are also introduced to therapy approaches for adults with voice and fluency disorders.
Prerequisites: THAS 201 and THAS 202.

THAS-215
Fieldwork Placement II
5 Credits
Total (0-0-295)
This course is a seven week field placement under the supervision of a Speech-Language Pathologist. The field placement allows the student to practice skills related to language interventions. Students are required to practice in a self-reflective manner and participate in on-line seminars.
Prerequisites: TAST 102, and a minimum grade of C in THAS 213, THAS 214 and THAS 216.

THAS-216
Sign Language
2 Credits
Weekly (2-0-0)
This course prepares students to use basic manual signing skills such as American Sign Language (ASL) and Signing Exact English (SEE) with clients who have hearing loss or are experiencing communication delays. The most important basic aspects of ASL and SEE that are appropriate for stimulating language development are covered.

THAS-220
Exercise in Physical Therapy
5 Credits
Weekly (3-4-0)
Students apply focused therapeutic exercise and gait re-education in response to identified treatment goals in physical therapy environments. Techniques covered include range of motion, stretching, pool therapy, aerobic exercise, strengthening (including core stability), ergonomics and work evaluation, posture and gait, group exercise, and PNF (proprioceptive neuromuscular facilitation). The role of therapeutic exercise principles in the treatment of a variety of conditions and the use of exercise software in the formulation of exercise programs are covered. Emphasis is placed on the purpose, benefits, safe instruction, and progression of activities.
Prerequisites: Minimum grade of C in THAS 115, THAS 116 and THAS 117.
COURSE DESCRIPTIONS

THAS-221
Modalities and Acute Care Interventions in Physical Therapy
4 Credits Weekly (3-2-0)
Students discuss and practice the use of electrotherapy and other commonly used rehabilitation modalities, including heat, cold, ultrasound, laser, TENS, muscle stimulation, interventional current, traction, and compression therapy. The purposes, benefits, and contraindications of these modalities and their safe implementation are stressed. Students are introduced to the theory and practice of aspects of acute care rehabilitation interventions for pulmonary and postsurgical conditions.
Prerequisites: Minimum grade of C- in THAS 115, THAS 116 and THAS 117.

THAS-222
Occupational Therapy in Mental Health
4 Credits Weekly (3-2-0)
The role of the Occupational Therapist Assistant is discussed and practiced in relation to occupational therapy services for persons with disorders in the psycho-emotional and socio-adaptive perspectives. Utilizing a client-centered approach, students practice the implementation of individual, family, and group occupational engagement, addressing a variety of ages and disorders. Attention is given to provider and client safety issues. Information gathering, reporting and documentation are included.
Prerequisites: Minimum grade of C- in THAS 115, THAS 116 and THAS 117.

THAS-223
Occupational Therapy in Physical Dysfunction
5 Credits Weekly (4-2-0)
Students apply occupational therapy interventions under the direction of an Occupational Therapist in the sensory motor, self care, productivity, and leisure performance components. Environmental contexts are considered.
Prerequisites: Minimum grade of C- in THAS 115, THAS 116 and THAS 117.

TPPR-101
Applied Theatre History
3 Credits Total (45-0-0)
This course surveys the history of the theatre stage from early times to the late 20th-century. Students consider the influence of social movements, theatrical practices and stylistic features, types of decor and costuming in contemporary theatre productions. Research methods are introduced and students gain access to various information systems such as MacEwan and other library databases, catalogues, special collections and services. Internet resources and microforms are studied to understand trends in a range of periods and geographic settings.

TPPR-102
Drafting and Model Making
2 Credits Total (15-3-0)
Students are introduced to drafting procedures commonly used in theatre production including pencil drafting, line types, line weights, construction techniques, drawing layouts, orthographic projections, isometric drawings, floor plans, elevations and sections. Computer Assisted Drafting (CAD) is also introduced through hands-on projects that prepare stage plans, elevations and lighting plots. Additionally, students build to-scale models which allow students to see the relationship between two-dimensional drawings and the three-dimensional world. Scale modeling is used as an aid in solving problems encountered when attempting to draw scenic units and properties. The knowledge and skills gained by way of this course are foundational to other courses of study.

TPPR-103
Introduction to Technical Theatre
1 Credit Total (15-0-0)
This survey course introduces the production process, stage management, types of theatre, the structure and organization of staffing and professionalism in the discipline. The focus of the major course project is stage management and how to prepare a prompt-script, which is a document required to control any theatrical performance.

TPPR-104
Stagecraft I
2 Credits Total (15-3-0)
In this introductory course, students learn how to solve theatrical production challenges through the design and production of a variety of scenic elements. They learn how to plan layouts, select appropriate building materials for projects, and how to safely use hand and power tools including specialized jigs.

TPPR-105
Lighting I
2 Credits Total (15-3-0)
This course introduces students to the requirements, knowledge and practices necessary to be a lighting technician. The course also provides opportunities to practice the skills required of that position.

TPPR-106
Set Painting I
2 Credits Total (15-3-0)
This course is an introduction to the standard procedures, materials, equipment and safety considerations involved in the surface treatments of scenery. Students explore colour theory, paint and pigment, tools and application of surface treatments. Health and safety considerations and procedures in dealing with various paint products are introduced.

TPPR-107
Wardrobe I
2 Credits Total (15-3-0)
Class sessions balance topical lecture/demonstrations with in-class projects. Students are introduced to the skills necessary to build theatrical costumes. Topics include basic sewing skills, basic cutting, working with the costume designer, safety in the wardrobe, running of surface treatments. Health and safety considerations and procedures in dealing with various paint products are introduced.

TPPR-108
Rigging
1 Credit Total (7-22-0)
This course is an introduction to methods, materials and safe practices in rigging for the theatre and takes place in several different theatre venues.
TPPR-110  
Audio I  
2 Credits  Total (15-30-0)  
This course is designed to instruct first-year students in the field of basic audio production. The topics covered in this course include the physiology of hearing, identification of common audio components, preparation of sound effects and the basics of live sound reinforcement. The course emphasizes critical listening, problem solving and professional practice.

TPPR-111  
Footings  
5 Credits  Total (30-90-0)  
This course provides the student with the absolute minimum knowledge and skill necessary to function safely and effectively in the shop and backstage during the mounting of a production. Show, tell and do is our guideline and students should expect to observe, then practice all content offered in this course. There is material from all subject areas: audio, carpentry, painting, management, lights, props, etc. The student must successfully complete this course before participating in Practicum, or any shop (safety related) activities.

TPPR-117  
Practicum I  
3 Credits  Total (0-60-60)  
In the Theatre Production program, students learn by doing as members of production crews working together to mount shows at the campus theatre. Everyone gains experience in a variety of positions. For each production, students apply or bid for crew positions and are subsequently assigned duties and tasks. Students are directed, supervised and evaluated by professional directors and theatre designers. In this way, they gain hands-on experience, practice in the work standards and protocols of the profession and real-world exposure to the pressures of the fast-paced production environment. Safe work is emphasized.

TPPR-127  
Practicum II  
3 Credits  Total (0-60-60)  
Students are engaged in hands-on learning as members of a production crew working to mount a show. For each production, students bid or apply for crew positions and are assigned duties and tasks. Working with directors and designers from the professional theatre community, students experience the demands of a live theatre production. Each student is coached on professionalism, craft, design specifications and how to document the production.  
Prerequisites: TPPR 117.

TPPR-203  
Management  
4 Credits  Total (40-20-40)  
This course presents the principles of production management and introduces the various techniques used by production managers, heads of departments and all members of the production team. Much of this course deals with working as a production team: organizing and scheduling work, working to communicate effectively, focusing on and monitoring the tasks to be done. These skills are introduced, discussed and put into practice through Practicum III and IV (TPPR 237 and TPPR 247).  
Prerequisites: TPPR 103.

TPPR-204  
Stagecraft II  
2 Credits  Total (15-30-0)  
Students construct complex sets and scenery, applying specialized construction methods, techniques, tools and equipment. Safe work practices are emphasized.  
Prerequisites: TPPR 104.

TPPR-205  
Video and Projection Technology  
3 Credits  Total (15-30-0)  
Projection of images has reshaped stage craft and theatre productions. In this course, students explore the tools of projection technology, production planning and visual editing and manipulation in hands-on projects. Learning is creative, conceptual and technical as students work with visual concepts that create mood, tone and setting.  
Prerequisites: TPPR 105.

TPPR-206  
Set Painting II  
1 Credit  Total (7.5-15-0)  
Students explore challenging and difficult painting techniques commonly used in set production such as faux finish, texture, aging or distressing a material and dying. A creative touch is encouraged. Students focus on the quality standards of professional theatre which include planning, meeting deadlines, attention to detail and documentation of methods and materials.  
Prerequisites: TPPR 106.

TPPR-207  
Wardrobe II  
2 Credits  Total (30-0-0)  
Students are introduced to period garment construction and intermediate-level sewing techniques. In order to discover creative approaches to costuming, students adapt a commercial pattern and experiment with various materials and techniques used in wardrobe construction. In addition, students study the principles of wardrobe management including stocking and maintaining a wardrobe collection, show budgeting and design analysis.  
Prerequisites: TPPR 107.

TPPR-210  
Audio II  
2 Credits  Total (22.5-15-0)  
Students advance their skills as theatre audio technicians by practicing how to configure, setup, operate, and troubleshoot complex professional audio systems. Students also design, plan and produce audio recordings to support live performance. Advanced technical skills are developed to record and overdub multi-track recordings, do complex sound-mixing and use digital audio effects processing for creative results.  
Prerequisites: TPPR 110.

TPPR-212  
Prop Making I  
2 Credits  Total (15-30-0)  
Students use a variety of materials and building methods to construct stage props, which must be functional, durable and creatively constructed. The focus is on background research, attention to detail, quality workmanship and safe work standards.
TPPR-215
Lighting II
2 Credits  Total (15-30-0)
This is an advanced course in theatrical lighting and control, building on skills and knowledge gained from TPPR 105. This course focuses on lighting design, computer control, intelligent lighting and the tools and methods used to manage a lighting department. 
Prerequisites: TPPR 105.

TPPR-221
Technical Director
2 Credits  Total (30-0-0)
Students examine the role of the Technical Director and focus on planning, creative problem solving and strategic thinking. The Analysis-Ideation-Implementation creative problem solving process is introduced and students practice techniques that enhance their communication and managerial-leadership skills. Students also begin to consider a career direction and search for employment opportunities. 
Prerequisites: TPPR 204; TPPR 215.

TPPR-222
Prop Making II
1 Credit  Total (7.5-15-0)
This project-based course provides in-depth practice in the planning and fabrication of stage properties. Students propose challenging projects and discuss design concepts, suitable materials and fabrication techniques with the instructor and then proceed to fabricate the property. Methods such as sculpturing, mold-making and modeling making are practiced. Problems that arise during planning and fabrication are resolved as the project progresses from concept to completion. 
Prerequisites: TPPR 212.

TPPR-237
Practicum III
3 Credits  Total (0-75-75) 
Under the supervision of the professional faculty and a director from the professional community, this practicum integrates theory and practice. Students ‘bid’ for crew or a department head position and then work with peers and staff to decide those positions. Each student contributes to a team effort in the mounting of productions. Attention to detail, communication skills, critical analysis and problem solving are emphasized. 
Prerequisites: TPPR 127.

TPPR-247
Practicum IV
3 Credits  Total (0-75-75) 
This is the final course in the practicum series. Students take on leadership roles and are encouraged to contribute to the creative effort and suggest innovations while they hone technical skills and work habits. Each student is expected to work more independently, ask for guidance as needed, monitor and protect personal safety, follow the production plan and schedule, and instruct junior crew members. Rotation in various production team positions is emphasized in order to broaden the students’ experience. 
Prerequisites: TPPR 237.

TRVL-110
Airline Fares and Scheduling Concepts
3 Credits  Weekly (3-0-0)
This course is an introduction to the skills and knowledge required to research, plan and book domestic air travel. Students learn the airfare terms, codes, fare construction principles and fare application rules required to apply the appropriate fare to a traveller’s air itinerary. This course is a prerequisite for all travel computer courses. 

TRVL-115
Introduction to Travel and Tourism
3 Credits  Weekly (3-0-0)
This course provides an overview of the tourism industry and sectors. Students learn the regulations, trade associations, definitions and terminology, and legal responsibilities related to travel and tourism. They examine the interrelationship of products and services to meet customer needs. Students are introduced to a wide range of career opportunities in the largest industry in the world. 

TRVL-116
Destinations I
3 Credits  Weekly (3-0-0) 
In this course, students study the tourist attractions, unique features, culture, climate, topography and geography of countries in North and South America, focusing on destinations preferred by Canadian travellers. Students also review and identify current events relevant to these destinations. 
Prerequisites: TRVL 115.

TRVL-120
Domestic Air Travel
3 Credits  Weekly (3-0-0)
Students apply basic fare construction principles to an automated working environment. The focus is on North American travel itineraries and fares, and their application to standard airline documents. Students use a Global Distribution System (GDS), the Internet and third party software systems. 
Prerequisites: OADM 101, TRVL 122.

TRVL-122
Introduction to Computerized Reservations
3 Credits  Weekly (3-0-0)
This course offers hands-on experience with one of the leading GDS (Global Distribution Systems) used in the travel industry. The automated reservations system is introduced and used in making corporate and leisure travel arrangements. Students access information used in the daily operations of a travel agency. 
Prerequisites: TRVL 110.

TRVL-125
Travel Products and Services
3 Credits  Weekly (3-0-0)
This course develops the students’ knowledge of leisure travel & tourism products and services. Students analyze travel packages, independent, inclusive, and escorted tours including booking procedures and costing. They study accommodations, ground transportation, travel insurance and the application of manuals, brochures and reference information. 
Prerequisites: TRVL 115.

TRVL-126
Destinations II
3 Credits  Weekly (3-0-0)
In this course, students study the tourist attractions, unique features, culture, climate, topography and geography of countries and regions in Europe, Asia, and the South Pacific, focusing on destinations preferred by Canadian travellers. Students also examine current events relevant to these destinations. 
Prerequisites: TRVL 116.
TRVL-230
International Air Travel
3 Credits Weekly (3-0-0)
This course focuses on the skills necessary to research, plan and book international air travel and itineraries in an automated environment. Students use the Global Distribution System (GDS), the Internet and third party software programs to research prices, routings and immigration regulations for international travel.
Prerequisites: TRVL 120, TRVL 125, and TRVL 126.

TRVL-232
Selling Travel Products and Services
3 Credits Weekly (3-0-0)
This introductory sales course is designed to acquaint students with the principles of modern selling techniques as they apply to the travel industry. It enables students to recognize and apply the theories of effective personal selling techniques in an ethical and professional manner.
Prerequisites: ENGL 211.

TRVL-233
Travel Accounting
3 Credits Weekly (3-0-0)
This course introduces students to the basic terminology, concepts and principles of accounting. Emphasis is on the practical skills required in an automated travel industry environment. Students process payments and prepare documents, analyze reports, and maintain customer data for marketing purposes.
Prerequisites: TRVL 120.

TRVL-235
Travel Industry Study Tour
3 Credits Total (45-100-0)
Students have the opportunity to take an out-of-country/out-of-province field study tour. In advance of the tour, students attend lectures and complete pre-tour research. During the field study, students visit airports, hotels and resorts, cruise ships (where practical) and major tourist attractions. Students put into practice the elements of travel they have studied in the program, establish relationships with tourism companies, and develop a deeper understanding of the customs and culture of the destination. Restricted to Travel students.
Prerequisites: TRVL 120, TRVL 125, TRVL 126

TRVL-236
Destinations III
3 Credits Weekly (3-0-0)
This course is an overview of adventure and exotic world destinations including India, the Middle East, Africa, Antarctica and other regions. Students study the unique features, culture and customs, climate, topography and geography of these destinations. Emphasis is on adventure and exotic experiences that travellers are seeking.
Prerequisites: TRVL 126.

TRVL-241
Selling and Marketing Travel
3 Credits Weekly (3-0-0)
This is an advanced sales course designed to reinforce the principles of modern selling techniques and the application of these to everyday sales situations in the travel industry. Students are also introduced to basic planning and marketing situations that they may encounter in a work environment.
Prerequisites: TRVL 125, TRVL 232

TRVL-242
Advanced Computer Reservations
3 Credits Weekly (3-0-0)
This is an advanced application course in the use of the Global Distribution Systems (GDS), third party software and practical application of the Internet. Students practice complex tasks needed to become proficient in car and hotel bookings, tour and cruise bookings and corporate Passenger Name Records (PNRs). This final industry computer course ensures that current computer and software enhancements are covered.
Prerequisites: TRVL 230, TRVL 232, TRVL 233, and TRVL 236

TRVL-243
Tourism Industry Suppliers
3 Credits Weekly (3-0-0)
This course provides students with the current product knowledge and industry contacts to begin their careers. Industry supplier presentations ensure the student are current with industry trends and allows the opportunity for personal networking. Students research the leading travel suppliers, niche tourism markets, and analyze various products.
Prerequisites: TRVL 230, TRVL 232, TRVL 233, TRVL 236.

TRVL-244
Practicum
5 Credits Total (45-0-160)
Through this work placement, students gain experience in the various responsibilities of a travel professional. Supervised by an industry specialist, students practice the technical procedures, customer service and sales skills in demand by employers.
Prerequisites: TRVL 230, TRVL 241, TRVL 233, TRVL 236.

TRVL-245
The Cruise Market
3 Credits Weekly (3-0-0)
This course focuses on the cruise industry and its importance as a major component in both the vacation and incentive travel markets. Students study the cruise product, cruise lines, classifications, types of cruises and discover what attracts travellers to cruising. They become familiar with standard industry references such as the Cruise Lines International Association Cruise Manual and other current reference material.
Prerequisites: TRVL 125, TRVL 236.

VCHP-100
Digital Photography
3 Credits Weekly (2-2-0)
Students create original photo-based images using a digital single lens reflex (DSLR) camera, imaging software, and printing technology. As students explore the fundamentals of image composition and the operation of a DSLR, they capture, manipulate, edit, archive and print digital images.

WINL-300
Work Integrated Learning
3 Credits Total (0-0-90)
The student engages in work integrated learning through employment with the agency that would typically last for one semester. Any placement needs department approval. After the successful completion of the placement, there is a critical analysis/demonstration of the learning accomplished.
Prerequisites: Third year standing and consent of the department.
**BIOL 108.**
Prerequisites: BIOL 107.
Minimum grade of C- in ZOOL 224 in combination with ZOOL 324 (Comparative Vertebrate Anatomy) provides a strong understanding of vertebrate biology. **Note:** ZOOL 224 in combination with ZOOL 324 (Comparative Vertebrate Anatomy) provides a strong understanding of vertebrate biology. **Prerequisites:** Minimum grade of C- in BIOL 108.

**ZOOL 241.**
**Animal Physiology I**
3 Credits  Weekly (3-0-1)
This course is a survey of physiological systems in animals with an emphasis on homeostatic mechanisms that regulate internal water and ions, gases, metabolic rate, and temperature in relation to the external environment. Physiological systems from both invertebrates and vertebrates are studied. **Prerequisites:** Minimum grade of C- in BIOL 107.

**ZOOL 242.**
**Animal Physiology II**
3 Credits  Weekly (3-0-1)
This course deals with the physiological systems of animals that involve intercellular communication. Focus is on the endocrine, neural, sensory, motor, and immune systems. Examples from both invertebrate and vertebrate animals are used. **Prerequisites:** Minimum grade of C- in BIOL 107.

**ZOOL 250.**
**Survey of the Invertebrates**
3 Credits  Weekly (3-3-0)
This course explores the evolution and ecological roles of major invertebrate phyla. The diversity of body forms and life histories of invertebrates and protozoans are discussed. Various ecological niches of invertebrates are related to functional anatomy. The laboratory displays the diversity and functional anatomy of invertebrates using live and preserved specimens and includes an optional field trip to a coastal area. **Prerequisites:** Minimum grade of C- in BIOL 108.

**ZOOL 324.**
**Comparative Anatomy of Vertebrates**
3 Credits  Weekly (3-3-0)
This course provides a comparative survey of the anatomy of vertebrates emphasizing evolutionary trends and anatomical adaptations for life in aquatic and terrestrial habitats. Special emphasis will be placed on fish and mammals. The laboratory involves detailed dissection of vertebrate specimens. **Note:** credit can only be obtained in one of ZOOL 224 or ZOOL 324. **Prerequisites:** Minimum grade of C- in ZOOL 224.

**ZOOL 400.**
**Aquatic Vertebrates**
3 Credits  Weekly (3-3-0)
This course examines the evolution and natural history of fish, amphibians, birds, reptiles, and mammals in aquatic environments. Topics include behavioural, morphological, and physiological adaptations. Students summarize, interpret, and present scientific literature on ecological and environmental issues of aquatic vertebrates. The laboratory focuses on native species of Alberta. **Prerequisites:** A minimum grade of C- in ZOOL 224 and in one of BIOL 310, BIOL 361, BIOL 367, or ZOOL 324.

**ZOOL 401.**
**Terrestrial Vertebrates**
3 Credits  Weekly (3-3-0)
This course examines the evolution and natural history of amphibians, birds, reptiles, and mammals in terrestrial environments. Topics include behavioural, morphological, and physiological adaptations. Students summarize, interpret, and present scientific literature on ecological and environmental issues of terrestrial vertebrates. The laboratory focuses on native species of Alberta. **Prerequisites:** A minimum grade of C- in ZOOL 224 and in one of BIOL 312, BIOL 367, or ZOOL 324.

**ZOOL 425.**
**Entomology**
3 Credits  Weekly (3-3-0)
Insects are the most successful animals on Earth. This course examines their evolutionary history and adaptations that have led to their success. Insect behaviour is examined as it relates to morphology, lifecycle, and ecology to explain how insects can be dominant in diverse ecological situations. The economic, medical, scientific and cultural impact of insects is surveyed. The laboratory emphasizes methods of collecting, preserving, and identifying insect groups. **Prerequisites:** Minimum grade of C- in ZOOL 250.

**ZOOL 452.**
**Principles of Parasitism**
3 Credits  Weekly (3-3-0)
Using an ecological approach, this course examines the relationships between protozoan, helminth, nematode, acanthocephalan, and arthropod parasites and their animal hosts. The structural and physiological adaptations used by parasites to successfully complete their lifecycles as well as host defensive strategies used to control parasite infections are discussed. Examples of human parasitic infections are used to illustrate these ideas. The laboratory emphasizes morphology, life cycles, behaviour, systematics and evolution of parasites. **Prerequisites:** Minimum grade of C- in ZOOL 250.