

**Overall Minor Requirements**

- 18 senior-level, non-duplicative computer science credits
- A minimum of 6 credits at the 300- or 400-level (*excluding CMPT 310 and CMPT 311*)

**Minor Requirements**

**18 Credits**

- CMPT 200 Data Structures and Their Algorithms

Choose 3 credits:

- CMPT 201 Practical Programming Methodology
- CMPT 204 Algorithms I
- CMPT 229 Computer Organization and Architecture
- CMPT 291 Introduction to File and Database Management

Choose 12 credits:

- CMPT \_\_\_\_\_
- CMPT \_\_\_\_\_
- CMPT \_\_\_\_\_ (*300- or 400-level*)
- CMPT \_\_\_\_\_ (*300- or 400-level*)

**Important Planning Notes**

1. Courses required for the minor may be used to satisfy the breadth requirements in a Bachelor of Arts or Science degree. Please refer to the applicable degree planner for details.
2. Students are required to consult the MacEwan University academic calendar to ensure they meet prerequisites for all courses they enrol in.
3. The prerequisites for CMPT 103 are CMPT 101 or, at the high school level, three credits of intermediate CSE including CSE 2120. If students possess high school level prerequisites, they are required to complete 3 credits of junior-level prerequisites for this major (CMPT 103). If students do not possess high school level prerequisites, they must complete 6 credits of junior-level prerequisites (CMPT 101 and CMPT 103).
4. Students who have taken CMPT 114 and 115 cannot take CMPT 103 or 200 for credit. Students will need to replace CMPT 200 with another senior-level Computer Science course.
5. Please keep in mind that course offerings will vary from academic year to academic year.

**Computer Science Minor (18 credits)**

**Total Credits:** \_\_\_\_\_

**Computer Science Course Offerings**

Please refer to the academic calendar or [MacEwan.ca/Arts](http://MacEwan.ca/Arts) > Disciplines > Computer Science for further information regarding course offerings.