



Overall Minor Requirements

- 18 senior-level, non-duplicative earth and planetary sciences credits
- A minimum of 6 credits at the 300- or 400-level
- A maximum of 3 credits in PHSC courses may be used

Required Courses for the Earth and Planetary Sciences Minor

The courses listed below are not part of the earth and planetary sciences minor, but are prerequisites for required minor courses.

- EASC 101 Introduction to Physical Science (*required*)

Choose 3 credits:

- EASC 102 Introduction to Environmental Earth Science
- EASC 103 Historical Geology

Minor Requirements

18 Credits

Choose 18 credits:

- EASC _____

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. Students who have credit in EASC 100 cannot take EASC 101 or 102 for credit as they are equivalent courses.
4. Students who have credit in EASC 105 cannot take EASC 101 or 103 for credit as they are equivalent courses.
5. See the reverse side of this sheet for a listing of Earth and Planetary courses offered at MacEwan University. Please keep in mind that course offerings will vary from academic year to academic year.

Earth and Planetary Sciences Minor (18 credits)

Total Credits: _____

Earth and Planetary Sciences Course Offerings

- EASC 206 Geology of the Solar System
- EASC 209 Geology of Western Canada
- EASC 219 Mineralogy
- EASC 221 Introduction to Geographic Information Systems
- EASC 225 Introduction to Geomorphology
- EASC 226 Introduction to Soil Science
- EASC 230 Invertebrate Paleontology
- EASC 238 Geology of Natural Resources
- EASC 270 The Atmosphere
- EASC 271 The Oceans

- EASC 320 Introduction to Geochemistry
- EASC 321 Structural Geology and Tectonics
- EASC 322 Introduction to Biogeochemistry
- EASC 324 Quaternary Environments
- EASC 330 Petrology
- EASC 334 Planetary Surface Imaging
- EASC 373 Anthropogenic Climate Change
- EASC 375 Paleoclimatology

- EASC 495 Special Topics in Earth and Planetary Science
- EASC 498 Independent Research

- PHSC 200 Physical Science Field Skills