

Planetary Science Minor

To earn a minor in Space and Planetary Science, a student must complete a minimum of 24 credits (at least 16 credits of which must be taken in residence at PSU), to include the following:

Requirements

Four credits chosen from the following:

- G 201 Dynamic Earth: Interior **and** G 204 Lab for G 201
- G 202 Dynamic Earth: Surface and G 205 Lab for G 202
- **or**
- Ph 121 General Astronomy
- Ph 122 General Astronomy
- **or**
- Ph 361U/Sci 315U General Astronomy I
- Ph 362U/Sci 316U General Astronomy II

20 credits of electives chosen from the following:

May include other elective courses pre-approved by the undergraduate advisor.

- G 203 Historical Geology **and** G 206 Historical Geology Lab
- EES 340U Life of the Past
- EES 345U Life in the Universe
- EES 346 Exploring Mars
- G 456 Astrogeology
- G 446 Meteorites
- G 457 Frontiers in Planetary Science
- G 404 Cooperative Education/Internship
- G 405 Reading and Conference

Total Credit Hours: 24

Pass/No Pass: Upper division courses must be taken for a letter grade to count toward fulfilling department minor requirements with the exceptions of G 404 and G 405, which are offered only for pass/no pass.

Prerequisite requirements exist only for G 446 Meteorites (G201 and one year of chemistry). This is the only course in the program that has a prerequisite.

Students are encouraged to contact the Geology Academic Area to ask an undergraduate adviser for help in designing a program leading to a minor in geology. Please contact Dr. Alex Ruzicka at ruzicka@pdx.edu for help with the Space and Planetary Science minor.