

# science@iupui

## Geology (GEOL) Minor

### Check Sheet & Application

Geology is the study of the planet Earth: the materials of which it is made, the processes that act upon these materials, and the history of the planet and life forms since its origin. Geology considers the physical forces acting on the earth, the chemistry of its constituent materials, and the biology of its past inhabitants. Geology also includes the study of the interrelationships in the modern environment of humans and geological phenomena and focuses on such important concerns as how our global climate is changing and how that change will affect human activities

A minor in Geology requires satisfactory completion of the following:

- Completion of **18** credit hours, with a minimum grade of **C** in each course
- Residency requirement - At least **9** credits must be completed at IUPUI (this does not include transfer credit, AP, or CLEP credit)

| <u>COURSE</u>  | <u>SEMESTER</u> | <u>GRADE</u> | <u>NOTES</u> |
|--|-----------------|--------------|--------------|
| <b>Minor requirements (12 credits)</b>   |                 |              |              |
| GEOL-G 110 (3 cr) – Physical Geology   |                 |              |              |
| GEOL-G 120 (1 cr) – Physical Geology Laboratory  |                 |              |              |
| GEOL-G 335 (4 cr) – Evolution of Earth and Life  |                 |              |              |
| GEOL-G 221 <i>or</i> 306 (4 cr) –<br>Introductory Mineralogy <i>or</i> Earth Materials |                 |              |              |
| <b>Minor Options (6 credits)</b>   |                 |              |              |
| GEOL-G 222 (4 cr) – Introductory Petrology   |                 |              |              |
| GEOL-G 304 (3 cr) – Principles of Paleontology   |                 |              |              |
| GEOL-G 334 (4 cr) – Sedimentology & Stratigraphy                                       |                 |              |              |
| GEOL-G 406 (3 cr) – Introduction to Geochemistry                                       |                 |              |              |
| GEOL-G 415 (3 cr) – Principles of Geomorphology  |                 |              |              |
| GEOL-G 430 (3 cr) – Principles of Hydrology  |                 |              |              |
| GEOL-G 451 (3 cr) – Principles of Hydrogeology   |                 |              |              |
| *other 400 level GEOL-G course   |                 |              |              |

\*Must be approved by the department - please contact the Earth Sciences advisor for more information.

*PLEASE NOTE:* Pre-requisites to the minor courses are not included but are required in order to complete the minor. This information can be found in the School of Science bulletin.

To apply for the minor, complete the application below and submit via email to Sean Winningham, Earth Sciences Undergraduate Advisor, at [swinning@iupui.edu](mailto:swinning@iupui.edu).

Date: \_\_\_\_\_

Name (please print): \_\_\_\_\_

Student 10-digit ID: \_\_\_\_\_

University Email: \_\_\_\_\_

Current Major: \_\_\_\_\_

Expected Graduation Date: \_\_\_\_\_