GEOLoGY: EARTH SCIENCE TEACHING, BSLAS

for the degree of Bachelor of Science in Liberal Arts & Sciences Major in Geology (Sciences & Letters), Earth Science Teaching Concentration

department website: https://www.geology.illinois.edu/undergraduate
department faculty: Geology Faculty (https://www.geology.illinois.edu/people/)
advising: Geology advising (https://www.geology.illinois.edu/cms/One.aspx?portalId=127672&pageId=258530)
overview of college admissions & requirements: Liberal Arts & Sciences (http://catalog.illinois.edu/schools/las/academic-units/)
college website: https://las.illinois.edu/email: geology@illinois.edu

The Sciences and Letters Curriculum in Geology (BSLAS), administered by the Department of Geology, is designed for students who want a more flexible course of study than is provided by the Specialized Curriculum in Geology and Geophysics. It may be used by those wishing to obtain a more liberal education and/or background in geology for use in fields such as anthropology, business, mineral economics, regional planning, journalism, law, sales, or library and information science. It is not intended to prepare a student for graduate work in the geological sciences unless the student selects additional courses in mathematics, chemistry, and physics comparable to those required in the Specialized Geology and Geophysics Curriculum. Students must choose from the following: Geology, Earth and Environmental Sciences, or Earth Science Teaching. The Earth Science Teaching Concentration is designed for students preparing to teach earth science at the secondary school level. It is not intended to prepare a student for graduate work in the geological sciences unless the student selects additional courses in mathematics, chemistry, and physics comparable to those required in the Specialized Geology and Geophysics Curriculum. Students must choose from the following: Geology, Earth and Environmental Sciences, or Earth Science Teaching. The Earth Science Teaching Concentration is designed for students preparing to teach earth science at the secondary school level.

Undergraduate Degree Programs in Geology

For the Degree of Bachelor of Science in Liberal Arts and Sciences
Students select one of the following in consultation with an adviser:

- Major in Geology (Sciences and Letters) (http://catalog.illinois.edu/undergraduate/las/geology-bslas/)
- Major in Geology (Sciences and Letters), Earth and Environmental Sciences Concentration (http://catalog.illinois.edu/undergraduate/las/geology-bslas/earth-environmental-sciences/)
- Major in Geology (Sciences and Letters), Earth Science Teaching Concentration (p. 1)

For the Degree of Bachelor of Science in Geology
Students select one of the following in consultation with an adviser:

- Major in Geology (Specialized Curriculum) (http://catalog.illinois.edu/undergraduate/las/geology-bs/)
- Major in Geology (Specialized Curriculum), Environmental Geology Concentration (http://catalog.illinois.edu/undergraduate/las/geology-bs/environmental-geology/)
- Major in Geology (Specialized Curriculum), Geophysics Concentration (http://catalog.illinois.edu/undergraduate/las/geology-bs/geophysics/)


Information listed in this catalog is current as of 09/2021
**ASTR 100 & ASTR 131 & ASTR 132**  
Introduction to Astronomy  
and The Solar System Lab  
and Stars and Galaxies Lab

or

**ASTR 121 & ASTR 122**  
Solar System and Worlds Beyond  
and Stars and Galaxies

**ATMS 100**  
Introduction to Meteorology  
3

**IB 100**  
Biology in Today's World  
3

Select one group of courses:  
4

**(CHEM 102 & CHEM 103)**  
General Chemistry I  
and General Chemistry Lab I

or

**(CHEM 202 & CHEM 203)**  
Accelerated Chemistry I  
and Accelerated Chemistry Lab I

**GEOL 117**  
The Oceans  
3

**GEOL 143**  
History of Life  
3

Advanced-hour course work in Geology  
8

Select one group of courses:  
10-12

**(PHYS 101 & PHYS 102)**  
College Physics: Mech & Heat  
and College Physics: E&M & Modern

or

**(PHYS 211 & PHYS 212 & PHYS 213 & PHYS 214)**  
University Physics: Mechanics  
and University Physics: Elec & Mag  
and Univ Physics: Thermal Physics  
and Univ Physics: Quantum Physics

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**Requirements for the Teacher Education in Secondary School Teaching Minor**

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>EDUC 201</td>
<td>Identity and Difference in Education $^1$</td>
<td>3</td>
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<tr>
<td>EDUC 202</td>
<td>Social Justice, School and Society $^1$</td>
<td>3</td>
</tr>
<tr>
<td>CI 401</td>
<td>Introductory Teaching in a Diverse Society</td>
<td>3</td>
</tr>
<tr>
<td>CI 403</td>
<td>Teaching a Diverse High School Student Population</td>
<td>3</td>
</tr>
<tr>
<td>CI 404</td>
<td>Teaching and Assessing Secondary School Students</td>
<td>3</td>
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<tr>
<td>CI 473</td>
<td>Disciplinary Literacy</td>
<td>3</td>
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<tr>
<td>EPSY 201</td>
<td>Educational Psychology $^{1,2}$</td>
<td>3</td>
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<tr>
<td>EPSY 485</td>
<td>Assessing Student Performance</td>
<td>3</td>
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<tr>
<td>SPED 405</td>
<td>General Educator's Role in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>EDPR 442</td>
<td>Educational Practice in Secondary Education</td>
<td>12</td>
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</table>

Total Hours  
39-40

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$^1$ EDUC 201, EDUC 202 and EPSY 201 can be completed at any time during the degree and are not pre-requisites to apply for the minor.

$^2$ PSYC 100 is a pre-requisite for EPSY 201.