## Geosciences

**Chair and Professor:** Crosby  
**Professors:** Rodgers, Thackray, Tapanila  
**Associate Professors:** Kobs Nawotniak, Godsey, Delparte, Pearson  
**Assistant Professors:** Anderson, Bottenberg, Murray, Sundell  
**Joint Appointment Faculty:** Finney, Lohse  
**GIS TReC Director:** Weber  
**Emeritus Professors:** Blount, Hughes, Link, McCurry  
**Affiliate Faculty:** Hailemichael, Krumenacker, McLing, Sherwin

### Program Description
<table>
<thead>
<tr>
<th>Program Description</th>
<th>Type</th>
<th>Degree</th>
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<tbody>
<tr>
<td>Doctor of Philosophy in Geosciences, Ph.D.</td>
<td>Degree</td>
<td>Ph.D.</td>
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<tr>
<td>Master of Science in Geographic Information Science, M.S.</td>
<td>Degree</td>
<td>M.S.</td>
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<tr>
<td>Master of Science in Geology, M.S.</td>
<td>Degree</td>
<td>M.S.</td>
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<tr>
<td>Master of Science in Geology with Emphasis in Environmental Geoscience, M.S.</td>
<td>Degree</td>
<td>M.S.</td>
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<tr>
<td>Post-Baccalaureate GeoTechnology Certificate</td>
<td>Certificate</td>
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</tbody>
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### Goals - All Programs
1. Graduates will think critically and comprehend written and verbal communications about geoscience topics.  
2. Graduates will have specific skills for careers in geoscience and related industries, licensure, or to continue in graduate study.  
3. Graduates will attain employment in geology or related fields or gain admission to graduate programs.

### Goals - Graduate Degree Programs
1. Graduates will be prepared to communicate effectively at the professional level.  
2. Graduates will be prepared to define, implement, and complete geologic investigations.  
3. Graduates will have professional skills for employment or further graduate study.

### Objectives
1. Provide graduate students with coursework, laboratory experiences, field exercises, and research opportunities in order to achieve all goals set forth above.

### General Admission Requirements
A complete graduate application for classified status in the Idaho State University Geosciences Department consists of:

1. The student must apply to and meet all criteria for admission to the Graduate School. An Idaho State University Graduate School application and official copies of transcripts from all previous coursework are required. In addition to the requirements of the Graduate School, applicants must meet the requirements of the department.  
2. Departmental GRE requirements: 50th percentile or above in two of the three categories or strengths clearly demonstrated in other components of the application;  
3. A letter of intent and statement of goals in graduate school; and  
4. Three letters of recommendation.

### Geosciences Courses
([https://coursecat.isu.edu/graduate/allcourses/geol/](https://coursecat.isu.edu/graduate/allcourses/geol/))