Degree Program Assessment Plan

Degree Program - AS - Geosciences (BA)

CIP Code: 40.0601.00
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Degree Program Coordinator Phone: +18068347389

Program Purpose Statement: The College of Arts and Sciences offers a broad spectrum of programs and courses in the liberal arts; humanities; mathematics; and social behavioral, and natural sciences. The primary function of the college is to impart to students the knowledge skills of thinking and communicating, and values and attitudes that constitute a liberal education. The faculty of the college seeks to instill in their students a humanistic spirit, an appreciation of creativity, a commitment to excellence and truth, an ability to think critically and communicate effectively and a desire for lifelong learning.

The courses and programs in the college also provide a base of knowledge and skills form which students may enter such professional fields of study as law and medicine.

Student Learning Outcome: Geological Processes

Students will understand geological processes in the basic geological areas.

Outcome Status: Active
Outcome Type: Student Learning
Start Date: 07/01/2006

Assessment Methods

- **Student Projects** - Overall knowledge of geoscience areas will be assessed using Primary Trait Analysis of student reports in GEOL 3401 (soph); GEOL 3402 (juniors) and GEOL 4312 (seniors).

Criterion: Average 1 point improvement from sophomore to senior years
Schedule: Yearly
Related Documents:
- GEOL BA Program Assessment (2015)

Student Learning Outcome: Analyze information

Students will be able to critically analyze information presented in the geological literature and technical reports.

Outcome Status: Active
Outcome Type: Student Learning
Start Date: 07/01/2006

Assessment Methods

- **Student Projects** - Overall knowledge of geoscience areas will be assessed using Primary Trait Analysis of student reports in GEOL 3401 (soph); GEOL 3402 (juniors) and GEOL 4312 (seniors).

Criterion: Average 1 point improvement from sophomore to senior years
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### Student Learning Outcome: Geological Research

Students will be able to conduct geological research, including hypothesis formation, data collection, analysis and interpretation of data.

**Outcome Status:** Active  
**Outcome Type:** Student Learning  
**Start Date:** 07/01/2006

**Assessment Methods**

<table>
<thead>
<tr>
<th>Student Projects</th>
<th>Overall knowledge of geoscience areas will be assessed using Primary Trait Analysis of student reports in GEOL 3401 (soph); GEOL 3402 (juniors) and GEOL 4312 (seniors). (Active)</th>
</tr>
</thead>
</table>
| Criterion        | Average 5 point improvement from sophomore to senior years  
| Schedule         | Yearly  
| Related Documents: | [GEOL_BA_Program_Assessment (2015)](#) |

**Capstone Assignment/Project** - A final assessment based on the senior research project (Active)

**Criterion:** Average score of 3.5 or better.

### Student Learning Outcome: Effective Communication

Students will be able to effectively communicate results of geological research in a professional manner.

**Outcome Status:** Active  
**Outcome Type:** Student Learning  
**Start Date:** 07/01/2006

**Assessment Methods**

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