Degree Program Assessment Plan

Degree Program - AS - Geosciences (BS)

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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

Course Level Assessment - This outcome is assessed by comparing attribute #5 on the PTA rubric1 at the sophomore (GEOL 3401), junior (GEOL 3402), and senior (GEOL 4312) levels. (Active)

Criterion: Average 1 point improvement from sophomore to senior years
Related Documents:
GEOS_BS_Program_Assessments (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

Course Level Assessment - This learning outcome is assessed by comparing item #2 (GEOL 3302), and item #2 (GEOL 4312) on the PTA rubrics used to evaluate the students? reports these criteria assess student abilities to cite and analyze published geological literature. There is no requirement to analyze literature in the sophomore-level student report (GEOL 2303). (Active)

Criterion: Average 1 point improvement from sophomore to senior years

Student Projects - This outcome is assessed by comparing attribute #2 on the PTA rubric1 at the sophomore (GEOL 3401), junior (GEOL 3402), and senior (GEOL 4312) levels. (Active)

Criterion: Average 1 point improvement from sophomore to senior years
Related Documents:
GEOS_BS_Program_Assessments (2015)
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

Course Level Assessment - This learning outcome is assessed by comparing item #4 (GEOL 2303), item #4 (GEOL 3302), and item #4 (GEOL 4312) on the PTA rubrics used to evaluate the students' reports. These criteria assess student presentation skills. (Active)

Criterion: Average 1 point improvement from sophomore to senior years

Student Projects - This outcome is assessed by comparing attribute #4 on the PTA rubric1 at the sophomore (GEOL 3401), junior (GEOL 3402), and senior (GEOL 4312) levels. (Active)

Criterion: Average 1 point improvement from sophomore to senior years

Related Documents:
GEOS_BS_Program_Assessments (2015)

Student Learning Outcome: Conduct Research

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

Outcome Status: Active
Outcome Type: Student Learning
Start Date: 08/24/2015

Assessment Methods

Student Projects - This outcome is assessed by comparing the average total scores on the PTA rubric1 at the sophomore (GEOL 3401), junior (GEOL 3402), and senior (GEOL 4312) levels. (Active)

Criterion: Average 5 point improvement from sophomore to senior years

Related Documents:
GEOS_BS_Program_Assessments (2015)