

Program SLOs

Geology

A.S. Degree – Geology
 A.S.-T – Geology (A.S. for Transfer)
 A.S. Degree – General Science

Program Student Learning Outcomes From the 2015 PrOF (Program Review) Update

1	Program Student Learning Outcome (P-SLO)	Scientific Method	Students will explain the core perspectives of the scientific method and apply it to geology.
2	Program Student Learning Outcome (P-SLO)	Communicating concepts	Students will accurately apply the basic vocabulary and concepts of geology, verbally and in writing.
3	Program Student Learning Outcome (P-SLO)	Representation/misrepresentation of geology	Students will recognize the use and misuse of geology concepts in society including politics and the media.
4	Program Student Learning Outcome (P-SLO)	Problem solving	Students will solve introductory problems of a conceptual and/or numerical nature in geology.
5	Program Student Learning Outcome (P-SLO)	Geologic dimensions of time/space	Students will evaluate how nature and humans exist in various dimensions of space and time.
6	Program Student Learning Outcome (P-SLO)	Geoscience issues	Analyze critical geoscience issues facing the world today.
7	Program Student Learning Outcome (P-SLO)	Earth processes	Students will discuss the various processes that shape the physical Earth.

A.S. Degree – Geology – Student Learning Outcomes*

- SLO 1** Understand the culture and practice of science.
- SLO 2** Evaluate how nature and humans exist in various dimensions of space and time.
- SLO 3** Integrate geoscience technologies and information resources.
- SLO 4** Analyze critical geoscience issues facing the world today.
- SLO 5** Communicate geoscience concepts and information effectively in various forms (e.g., verbal, written, graphic).
- SLO 6** Assess the use and limits of natural resources.
- SLO 7** Analyze the impacts of natural processes on humanity.

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A.S. for Transfer (AS-T) – Geology – Student Learning Outcomes*
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SLO 4 Analyze critical geoscience issues facing the world today.

SLO 5 Communicate geoscience concepts and information effectively in various forms (e.g., verbal, written, graphic).

SLO 6 Assess the use and limits of natural resources.
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SLO 7 Analyze the impacts of natural processes on humanity.
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