

Table 1. Program Outcomes for Earth Science

- 1 Communicating**
Speak and write professionally
- 2 Reading**
Demonstrate literacy in technical literature
- 3 Computing**
Demonstrate competence with spreadsheet, word processing, and mapping software
- 4 Identifying**
Recognize and describe common Earth materials
- 5 Acquiring**
Obtain geologic data in the laboratory or field
- 6 Analyzing**
Utilize scientific and quantitative reasoning
- 7 Solving**
Integrate concepts and scientific interpretations to support views or guide decision making

Table 2. Mapping of Program Outcomes to Earth Science Courses

	Program Outcomes	118	218	305	332	340	342	350	370	372	375	377	440	475	487
1	Communicating	1	1	1	2	2	2	2	2	2	3	3	3	2	2
2	Reading	1	2	1	3	2	3	3	3	3	3	1	3	3	3
3	Computing	1	1	3	1	3	1	2	1	1	3	--	3	3	3
4	Identifying	2	2	--	1	2	1	3	1	2	2	3	1	2	2
5	Acquiring	2	2	2	1	2	1	3	1	1	3	3	3	3	3
6	Analyzing	1	2	3	2	2	2	3	3	2	3	2	3	3	3
7	Solving	1	2	3	2	3	2	3	3	3	3	2	3	3	3

Ranking: 3 = extensive coverage; 2 = substantial coverage; 1 = basic coverage