

GEOLOGY

Faculty

Connely, Sundell

The geology department offers courses of general interest and many courses that meet requirements of laboratory physical sciences. Many of the advanced geology classes (generally sophomore level) will transfer to four-year institutions and count toward a degree in geology; however, it is incumbent upon the student to check with the school to which they will eventually transfer to determine applicability and transferability. Sophomore-level geology classes will be offered only if there is sufficient student interest and demand.

The transfer school of choice and anticipated specialty are considerations in selecting mathematics courses and electives. At least two semesters each of calculus and physics are required at most schools. In addition, many schools require a minimum of two semesters of world language. World language will count toward the general education humanistic requirements at Casper College and at many four-year schools. Consult the transfer school's catalog and your advisor to work out a program.

Associate of Science Degree Geology

Completion of this degree can be used to either gain immediate employment as a geological technician or demonstrates fulfillment of the first half of requirements for transfer students planning to complete a bachelor's degree in geology.

(Recommended Curriculum)

General Education (Minimum 32 credits) Credits

General education coursework can be completed from within or outside of the major field of study.

1. Exploration and Participation
Included in major requirements below
2. Communication
ENGL 1010 English I: Composition 3
ENGL 1020 English II: Composition 3
3. Relationship with the World
Human behavior 3
U.S. and Wyoming constitutions 3
Cultural environment 3
4. General Education Electives
Must be chosen from areas 1, 2, or 3 above;
no more than 15 credits in any one area.
5. Physical Education1

Major Requirements (minimum 24 credits)

BIOL	1000	Introduction to Biology I	or
BIOL	1010	General Biology I	4
CHEM	1025	Chemistry I	3
CHEM	1028	Chemistry Laboratory I	1
CHEM	1035	Chemistry II	3
CHEM	1038	Chemistry Laboratory II	1
GEOL	1100	Physical Geology	4
GEOL	1200	Historical Geology	4
GEOL	2010	Mineralogy and Petrography	5
GEOL	2100	Stratigraphy and Sedimentation	4
GEOL	2050	Principles of Paleontology	3
		College mathematics, statistics, and/or computer science	8
		Electives	7

In order to obtain a degree in geology a student must achieve a 2.0 GPA in those courses taken in geology.

A minimum of 64 approved semester credits are required for graduation. For specific graduation requirements see "Academic Policies" and "Degree Requirements."

ONLY COURSES NUMBERED 1000 OR ABOVE CAN BE USED TOWARD THE ASSOCIATE OF SCIENCE DEGREE.