

# GEOLOGY

---

## School of Mathematics, Science, and Engineering

**Dean:** Silvia Nadalet, Ed.D.

**Department Chair:** Grant Miller, M.S.

**Office:** 60-125, (619) 482-6344

**School/Department Location:** [www.swccd.edu/cvlocation](http://www.swccd.edu/cvlocation)

**Map:** <https://goo.gl/maps/C4E3PnKsdU92> (<https://goo.gl/maps/C4E3PnKsdU92/>)

## General Description

Geology is the study of the composition, structure, and evolution of the Earth. It is an interdisciplinary science that combines geological observations and concepts with those of biology, chemistry, physics, and mathematics. This department explores rocks, minerals, fossils, and geologic principles and processes such as plate tectonics, continental drift, and rock forming that continue to shape the Earth and its environments. Specialization within the field of geology ranges from engineering and geophysics to paleontology and marine geology.

## Career Options

Below is a sample of the career options available for the geology major. A few of these require an associate in science degree, most require a bachelor's degree, and some require a graduate-level degree: geologist, soils engineer, geological technician, earth science teacher, college instructor, geophysicist, park ranger, land use planner, geochemist, astrogeologist, marine geologist, glacial geologist, mining geologist, photogeologist, oil and gas geologist, mineralogist, paleontologist, volcanologist, and seismologist.

Degree/Certificate Options	Major Code
<b>Associate Degree for Transfer (ADT)</b>	
Geology (SB1440) ( <a href="http://catalog.swccd.edu/associate-degree-certificate-programs/geology/geology-for-transfer-as/">http://catalog.swccd.edu/associate-degree-certificate-programs/geology/geology-for-transfer-as/</a> )	01785

Consult with a counselor to develop a Student Education Plan (SEP), which lists the courses necessary to achieve your academic goal.

## Faculty

Ken Yanow, M.A., M.S.  
[kyanow@swccd.edu](mailto:kyanow@swccd.edu)

Tina Zeidan, M.S.  
[tzeidan@swccd.edu](mailto:tzeidan@swccd.edu)