

Geology Discipline

	F2012	S2013	F2013	S2014	F2014	S2015	F2015	S2016
GEOL 100	GI 1	GI1	GI 1	GI 1	GI 2	GI 2	GI 2	GI 2
GEOL 100H	GI 1	GI1	GI 1	GI 1	GI 2	GI 2	GI 2	GI 2
GEOL 101	GI 1	GI1	GI 1	GI 1	GI 2	GI 2	GI 2	GI 2
GEOL 101H	GI 1	GI1	GI 1	GI 1	GI 2	GI 2	GI 2	GI 2
GEOL 112	N/A	GI 2	N/A	N/A	N/A	GI 2	N/A	N/A
GEOL 113	N/A	GI 2	N/A	N/A	N/A	GI 2	N/A	N/A
GEOL 150	N/A	N/A	N/A	GI 2	N/A	N/A	N/A	GI 2
GEOL 150H	N/A	N/A	N/A	GI 2	N/A	N/A	N/A	GI 2
GEOL 160	GI 1	GI1	GI 1	GI 1	GI 2	GI 2	GI 2	GI 2
GEOL 170x4	Course not offered at this time				N/A	N/A	N/A	N/A
GEOL 175x4	GI 1	N/A	N/A	N/A	GI 1	N/A	N/A	N/A
GEOL 177x4	N/A	N/A	GI 1	N/A	N/A	N/A	GI 1	N/A
GEOL 180x4	N/A	N/A	N/A	GI 1	N/A	N/A	N/A	GI 1
GEOL 181x4	N/A	GI 1	N/A	N/A	N/A	GI1	N/A	N/A
GEOL 190x4	Course not offered at this time				N/A	N/A	N/A	N/A
GEOL 246x4	By appointment only, typically GI 1							
GEOL 250	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GEOL 251	Course not offered at this time				N/A	N/A	N/A	N/A
GEOL 260	Course not offered at this time				N/A	N/A	N/A	N/A
GEOL 270x4	Course not offered at this time				N/A	N/A	N/A	N/A

Geography Discipline

GEOG 110	Gg 2	Gg 2	Gg 2	Gg 2	Gg 1	Gg 1	Gg 1	Gg 1
GEOG 110H	Gg 2	Gg 2	Gg 2	Gg 2	Gg 1	Gg 1	Gg 1	Gg 1
GEOG 111	Gg 2	Gg 2	Gg 2	Gg 2	Gg 1	Gg 1	Gg 1	Gg 1
GEOG 111H	Gg 2	Gg 2	Gg 2	Gg 2	Gg 1	Gg 1	Gg 1	Gg 1
GEOG 114	Course not offered at this time				N/A	N/A	N/A	N/A
GEOG 119x4	By appointment only, typically PI 1							
GEOG 120	N/A	Gg 2	N/A	Gg 2	N/A	Gg 2	N/A	N/A
GEOG 126	Course not offered at this time				N/A	N/A	N/A	N/A
GEOG 175	Course not offered at this time				N/A	N/A	N/A	N/A

Oceanography Discipline

OCEAN 100	Course not offered at this time				N/A	N/A	N/A	N/A
OCEAN 101	At part time instructor's discretion, typically PL 1							
OCEAN 101H	At part time instructor's discretion, typically PL 1							

Note: Please refer to the Geoscience Program Student Learning Outcome List for the meaning of the above codes.

Geoscience Program Level Student Learning Outcomes

These SLOs are relevant to all of the courses taught presently in the geosciences at CHC, which includes the disciplines of geology, geography and oceanography.

PL1: Students will demonstrate an understanding of tectonics and the typical features associated with tectonic plate boundaries, such as volcanoes and earthquakes.

PL 2: Students will utilize critical thinking skills to interpret, apply and/or evaluate the concept of scale (spatial and time) as it pertains to the geosciences.

PL 3: Students will collect, analyze and interpret information and clearly articulate the results through their writing, speech or other acceptable style of presentation.

Course Level Student Learning Outcomes

Geology

GI 1: Students will differentiate between an element, a mineral and a rock, and delineate how each of these is related to one another.

GI 2: Students will demonstrate an understanding that ancient geological environments (eolian, fluvial, glacial) exposed in rock on the surface of the Earth were created by the same environmental forces seen in operation today on our planet.

Geography

Gg 1: Students will identify how the Earth's oceans and atmosphere are responsible for the distribution of the energy received from the sun through an analysis of the interaction of global atmospheric and ocean circulation patterns.

Gg 2: Students will identify and understand that the climate at different places on Earth is dependant upon the amount and duration energy received at that location, and that the climate dictates the type of vegetation as well as the weather conditions.

Oceanography

Oc 1: Students will identify how the Earth's oceans and atmosphere are responsible for the distribution of the energy received from the sun through an analysis of the interaction of global atmospheric and ocean circulation patterns.

Oc 2: Students will know the basic composition of the ocean, including its chemical properties and structure and how these properties are related to the circulation patterns within the ocean as a whole.

Oc 3: Through the study of the diversity of ocean life, students will identify how humans can affect the ocean environment and demonstrate specific measures that can alleviate these environmental problems.