

### What will I be studying?

Geology focuses on the physical structure, substance, history and processes occurring on earth and other planetary bodies. Geologists pursue a number of specializations including hydrology, hydrogeology, mineralogy, petrology, geochemistry, geophysics, astrogeology, sedimentology, and paleontology.

### Career Ideas!

#### Science Teacher

(High and Middle School)

(Indoors, Presentation, Education)

- Public and private high schools
- Educators or docent at natural history museum

#### Natural History Museum Curator

(Curate Museum Collections)

(Indoors, Organization, Education)

- Local Natural History Museum
- National Museum of Natural History

#### Geologist

(Foster Sustainable Development)

(Outdoors/Indoors, Field Work, Data Analysis)

- Bureau of Land Management
- US Army Corps of Engineers
- Geological Consulting Firm



**Science Center (SCA) 207**



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[Geosciences Website](#)

### Contact Us

#### Geology Club

**American Institute of Professional Geologists – USF Student Chapter**

**Computational Science Club**

**Tampa Bay Association of Environmental Professionals**

**Florida Water Environment Association**

**American Water Works Association**

**Student Environmental Association**

### Get Involved!

# Example Four Year Plan

Year 1		
Fall	Spring	Summer
ENC 1101 Composition I (3)	ENC 1102 Composition II (3)	SGEH – Core Humanities (3)
GLY 2010 Dynamic Earth (3)	GLY 2100 History of Life (3)	
GLY 2000L Geology Lab (1)	CHM 2046 Chemistry II (3)	
CHM 2045 General Chemistry (3)	CHM 2046L Chemistry II Lab (1)	
CHM 2045L General Chemistry Lab (1)	STA 2023 Introductory Statistics (3)	
SGES – Core Social Sciences (3)		
Total Hours: 14	Total Hours: 13	Total Hours: 3
Year 2		
Fall	Spring	Summer
MAC 2311 Calculus I (4)**	PHY 2048 Physics I with Calculus (4)	
GLY 3311C Mineralogy, Petrology, Geochem (4)	PHY 2048L Physics I Lab with Calculus (1)	
TGEI – Information and Data Literacy (3)	MAC 2312 Calculus II (4)	
TGEC Creative Thinking (3)	GLY 3552C Sedimentary Rocks & Processes (4)	
Total Hours: 14	Total Hours: 13	Total Hours: 0
Year 3		
Fall	Spring	Summer
GEO 3280 Environmental Hydrology (3)	TGED – Human & Cultural Diversity (3)	Upper Level Elective (3)
PHY 2049 Physics II with Calculus (3)	GLY 3402C Structural Geology (4)	Upper Level Elective (3)
PHY 2049L Physics II Lab with Calculus (1)	Upper Level Elective (3)	
Foreign Language I (4)	Foreign Language II (4)	
General Elective (3)		
Total Hours: 14	Total Hours: 14	Total Hours: 6
Year 4		
Fall	Spring	Total Credits to Graduation
TGEE – Ethical Reasoning & Civic Engagement (3)	Major Elective (4)	<b>Major Requirements:</b> 61 credit hours
TGEH – High Impact Practice (3)	Major Elective (4)	
Quantitative Major Elective (4)	Upper Level Elective (3)	<b>General Education Requirements:</b> 35 credit hours
Major Elective (4)	General Elective (3)	
General Elective (3)		<b>Other Degree Requirements:</b> 24 credit hours
Total Hours: 15	Total Hours: 14	Total= 120

\*\*May require completion of additional math pre-requisites (consider the [MPT](#) or [CPT](#) exams)