

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



GeoAdvise@usf.edu



[Geosciences Website](#)

Contact Us

Geology Club

American Institute of Professional Geologists – USF Student Chapter

GIS Club

Tampa Bay Association of Environmental Professionals

Florida Water Environment Association

American Water Works Association

Student Environmental Association

Get Involved!

USF School of Geosciences
Geology BA

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)	GEO 3280 Environmental Hydrology (3)	
	General Elective (3)	
Total Hours: 14	Total Hours: 15	Total Hours: 0
Year 3		
Fall	Spring	Summer
GLY 3552C Sedimentary Rocks & Processes (4)	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)	
Total Hours: 12	Total Hours: 14	Total Hours: 6
Year 4		
Fall	Spring	Total Credits to Graduation
TGEE – Ethical Reasoning & Civic Engagement (3)	Major Elective (4)	Major Requirements: 61 credit hours
TGEH – High Impact Practice (3)	Major Elective (4)	
Quantitative Major Elective (4)	Upper-Level Elective (3)	General Education Requirements: 35 credit hours
Major Elective (4)	General Elective (3)	
General Elective (3)		Other Degree Requirements: 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)