

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!

Geologist

(Foster Sustainable Development)
(Outdoors/Indoors, Field Work, Data Analysis)

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

Hydrologist or Hydrogeologist

(Manage the Planet's Waste)
(Outdoors/Indoors, Field Work, Data Analysis)

- Water Management District
- US Geological Survey
- Engineering Consulting Firm

Paleontologist

(Protect Biodiversity and Landscape)
(Outdoors/Indoors, Lab Work, Field Work)

- Research Institution
- National Park Services
- Environmental Consulting Firm



Science Center (SCA) 207



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[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 BS

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)	
General Elective (3)	GEO 3280 Environmental Hydrology (3)	
	TGEC Creative Thinking (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)	Practical and Applied Geology (2)
PHY 2049 Physics II with Calculus (3)	GLY 3104C Stratigraphy and Paleontology (4)	Practical and Applied Geology (2)
PHY 2049L Physics II Lab with Calculus (1)	Upper-Level Elective (3)	Practical and Applied Geology (2)
GLY 3402C Structural Geology (4)	General Elective (3)	* Although it is possible to take the field experiences in year 3, it is recommended to take them in final summer (year 4)
Total Hours: 12	Total Hours: 13	Total Hours: 6
Year 4		
Fall	Spring	Total Credits to Graduation
TGEE – Ethical Reasoning & Civic Engagement (3)	Major Elective (4)	Major Requirements: 74 credit hours
TGEH – High Impact Practice (3)	Major Elective (4)	
Major Elective (4)	General Elective (3)	General Education Requirements: 27 credit hours
Major Elective (3)	General Elective (3)	
General Elective (3)		Other Degree Requirements: 19 credit hours
Total Hours: 16	Total Hours: 14	Total= 120

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