GEOLOGY

COLLEGE : ARTS AND SCIENCES
SCHOOL : NONE
DEGREE : BACHELOR OF ARTS
OPTION/TRACK : NONE

LIMITED ACCESS PROGRAM : NO

CAMPUS(ES) WHERE OFFERED/CONTACT:
TAMPA only / Peter Harries, Department of Geology, SCA 203, 974-4974

- Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF
(State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. If students transfer without an A.A. degree and have fewer than 60 semester hours of acceptable credit, the students must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students should complete the following prerequisite courses listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade.

- CHM 1045/1045L General Chemistry I (with lab) or CHM 1040 & CHM 1041 or CHM 1045C or CHM 1045E
- CHM 1046/1046L General Chemistry II (with lab) or CHM 1046C or CHM 1046E
- GLY 2010C Introduction to Physical Geology
- GLY 2100D History of the Earth and Life or other GLY course
- MAC 2311 Calculus I
- PHY 2048C General Physics and Laboratory I or PHY 2048/2048L
- PHY 2049C General Physics and Laboratory II or PHY 2049/2049L
- PHY 2053C Physics
- PHY 2054C Physics

The choice physics sequence depends on the area of geology specialization.

- Admission Requirements to the University Program of Study

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program with the above courses recommended.

- Requirements for the Major in Geology (B.A.)

Geology Courses (32 sem. hrs.)
- GLY 2010 Dynamic Earth: Introduction to Physical Geology (3)
- GLY 2010L Dynamic Earth Laboratory (1)
- GLY 2100D History of the Earth and Life (3)
- GLY 2100L Earth History Lab (1)
- GLY 3200 Mineralogy (4)
- GLY 3400C Structural Geology (4)
- GLY 3610 Introduction to Invertebrate Paleontology (4)
- PHY 2051L Petrology (4)
- GLY 4550 Depositional Systems (4)
- GLY 4552 Sedimentary Geology and Geochemistry (4)

Supporting Courses (22-28 sem. hrs.)
- CHM 2045 General Chemistry I (3)
- CHM 2045L General Chemistry I Laboratory (3)
- CHM 2046 General Chemistry II (3)
- CHM 2046L General Chemistry II Laboratory (3)

One year of calculus (MAC 2313, 2314 or 2311, 2212 or 2281, 2282)

Two courses in biology or physics selected from:
- BSC 2010/2010L Biology I - Cellular Processes and Laboratory (4)
- BSC 2011/2011L Biology II - Diversity and Laboratory (4)
- PHY 2053-2053L General Physics and Laboratory (4)
- PHY 2054-2054L General Physics and Laboratory (4)
- PHY 2048-2048L General Physics and Laboratory (4)
- PHY 2049-2049L General Physics and Laboratory (4)

Liberal Arts Requirements

The student is required to complete the University’s Liberal Arts Requirements.

Free Electives

Courses over and above required courses should be taken to complete a 120-hour program.

D and F grades earned in attempting to satisfy major requirements will be used in calculating the major GPA.