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 2100 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
XXX XXXX Historical Geology strongly recommended

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 (30 sem. hrs.)

One course chosen from:
GLY 2010 Dynamic Earth: Introduction to Physical Geology (3)
GLY 2030 Environmental Geology (3)
GLY 2038 Earth and Environmental Systems (3)
GLY 2040 Origins: From the Big Bang to the Ice Age (3)
GLY 2050 Science, Earth and Life (3)
OCE 2001 Introduction to Oceanography (3)
and GLY 2015L Essentials - Geology Lab (1)

Geology Courses
GLY 3115C Geologic Time (4)
GLY 3315C The Solid Earth: Petrology (4)
GLY 3420C The Solid Earth: Plate Tectonics and Earth Structure (4)
GLY 3552C The Earth's Surface (4)
GLY 3800C The Fluid Earth (4)
GLY 4145 Computational Geology (3)
GLY 4400 Geocommunications (3)

*Transfer students who have taken GLY 2010C and GLY 2100C or the equivalent will be deemed to have met the introductory sequence requirements. However, ALL students are strongly encouraged to take GLY 2010L, as this course will greatly facilitate success in the upper-level offerings.

Supporting Courses (22-28 sem. hrs.)

One year of calculus (MAC 2233, 2234 or 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)

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.