EARTH SCIENCE, B.A.

The program outline and graduation requirements are listed below. In addition, free electives are selected to reach 120 credits overall required for graduation.

The department website provides an overview of the program, admission requirements (when applicable), faculty biographies, learning outcomes, and careers: https://www.southernct.edu/academics/earth-science/programs

GENERAL EDUCATION REQUIREMENTS

All bachelor’s degree programs include liberal education (LEP) and writing (W) course requirements. Detailed information on these requirements is published in this section of the catalog: https://catalog.southernct.edu/undergraduate/general-information/lep.html.

Writing courses are not additional course requirements, course sections that meet this requirement are designated with a ‘W’ on the class schedule. Courses in the major and/ or cognate may also be used to satisfy LEP requirements where noted below (*).

MAJOR REQUIREMENTS (49 Credits)

‘C-’ or better required
ESC 200 — Physical Geology
ESC 201 — Historical Geology (T2LE)*
ESC 205 — Principles of Meteorology
ESC 220 — Physical and Chemical Oceanography
ESC 311 — Mineralogy
ESC 312 — Petrology OR ESC 325 — Stratigraphy & Sedimentation
ESC 332 — Invertebrate Paleontology OR ESC 461 — Glacial Geology (T3)*
ESC 350 — Structural Geology and Tectonics
ESC 430 — Field Methods

Select 16 additional credits of ESC courses at the 200-level or above.

COGNATE REQUIREMENTS (11 Credits)

CHE 120 – General Chemistry I (T2PR)*
PHY 200 - General Physics I

Select one from (T1QR)*:
MAT 120 - College Algebra
MAT 122 – Precalculus
MAT 150 – Calculus I

Non-Course Requirements:
Pass Praxis® II with a score of 157 or higher