GEOGRAPHY, B.S. - GEOGRAPHIC INFORMATION SCIENCE AND TECHNOLOGY

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/environment-geography-marine-sciences/programs

GENERAL EDUCATION REQUIREMENTS

All bachelor’s degree programs include liberal education (LEP) and writing (W) course requirements. To review more detailed information regarding these requirements, please visit http://catalog.southernct.edu/undergraduate/degree-requirements.html (General Education Requirements). Courses in the major and/or cognate may also be used to satisfy LEP requirements where noted below (*).

MAJOR REQUIREMENTS (40 Credits)

*While there are 3 GEO courses that can meet General Education requirements, the LEP program limits Tier 2 to a maximum of two courses within a subject.

- GEO 200 – Human Geography (T2CE)*
- GEO 201 – Physical Geography (T2PR)*
- GEO 270 – Maps and Mapmaking Technology (T2CD)*
- GEO 290 – Research Methods in Geography
- GEO 360 – Introduction to GIS
- GEO 460 – Geographic Information Systems for Environmental and Spatial Science
- GEO 490 – Seminar in Geographic Thought

Select one from:
- GEO 461 – Environmental GIS
- GEO 497 – Geography Internship
- GEO 499 – Independent Study
- HON 494 and HON 495 – Departmental Honors

Systematic (Select one):
- GEO 204 — Principles of Sustainability
- GEO 205 — Economic Geography
- GEO 208 — Political Geography
- GEO 260 — Population Geography
- GEO 265 — Recreation Geography
GEO 301 — Landforms
GEO 304 — Sustainability and Public Engagement
GEO 305 — Environmental Economic Geography
GEO 357 — Coastal and Marine Geography
GEO 362 — Urban Geography
GEO 404 — Applied Sustainability Science
GEO 405 — Environmental Justice

Techniques (Select three - minimum 9 credits):
GEO 273 – Land Use Planning
GEO 280 – Geographic Information Systems for Inquiry in the Social Sciences
GEO 367 - GIS for Public Health
GEO 370 – Remote Sensing
GEO 371 – Cartography
GEO 470 – Field Techniques
GEO 481 – Spatial Analysis