These objectives include: context. Skills that allow you to achieve geographical and environmental infrastructure within the surrounding connection between human society and equip you with the tools to examine the job market after graduation.

WHAT CAN I LEARN?

Geographybridesthesocial and natural sciences. There are two main branches of geography: human geography and physical geography. Human geography examines people, cultures and places and interactions with the environment. Physical geographer study the environment through patterns of climate, landforms, vegetation, soil, and water.

Applied Geography is a field that solves real-world problems of human and environment interactions that have a spatial dimension. Geographic skills and techniques include geographic information science (GIS), remote sensing, field measurements, as well as surveys and interviews for data collection, analysis and evaluation. Applied geographers use their diverse skills to find solutions for environmental and cultural problems including coastal and river processes, water pollution and its relationship to land use, sustainability and development in different locations, physical processes in urban environments, and social justice issues connected to place, gender and resources. Graduates will be employed in fields related to resource management, community or economic development and policy analysis.

DEGREE OPTIONS

With the Applied Geography degree, you will take courses in human and environmental geography as well as geographic information science (GIS). The B.S. degree requires:

- 40 semester hours of general education requirements.
- 7 semester hours of core courses including GEOG 2400 (Spatial Data Analysis), GEOG 2410 (Fundamentals of GIS), and GEOG 4999 (Geography Professional Seminar).
- 15 semester hours of human geography courses.
- 15 semester hours of environmental (physical) geography courses.
- 9 semester hours of Geographical Information Science (GIS) courses.

Those interested in environmental issues can learn about the physical and human components of such topics as coastal and river processes, water pollution and its relationship to land use, and sustainability of environments and development in different locations. Those interested in societal issues can study urban processes, global interactions, and regional differences, social justice and many others.

ABOUT THE CONCENTRATION

The B.S. degree in Applied Geography in the Department of Geography, Planning and Environment explores the connections between society, land use, landform processes, and climate, linking these disciplines with cutting-edge geospatial technologies. Our award-winning faculty and students work together to understand how spatial patterns, social processes, and environmental forces create challenges and opportunities faced by societies around the world.

Questions?

East Carolina University offers an array of support to help you grow and learn from your first day of orientation until your graduation. New Student Orientation, Pirate to Pirate Mentoring, the University Writing Center, and the Career Center are only a few of the services and centers available to assist you throughout your time on campus.
**FIRST YEAR**

Begin working on General Education requirements. Register for ENGL 1100 and MATH 1065. Take GEOG 1000/1250 in the fall and GEOG 2400 in the spring.

**THE COURSES YOU NEED**

Explore your major and career options in consultation with your advisor. By the end of your first year you should have developed plans to complete specific internships, develop the experience necessary for the kind of employment you want, or begin to identify potential graduate schools.

**GAIN RELEVANT EXPERIENCE**

Log in to the Bureau of Labor Statistics and Virtual Job Shadow to explore potential careers. Look into HandsChat to set up your profile, check out career events, and begin to explore potential employers and job opportunities.

**COMMUNITY CONNECTION**

Emails from the department will let you know about upcoming guest lectures, internship opportunities, and special events. Consider attending the departments colloquium series that exposes students to different aspects of the discipline and career options.

**THINK GLOBALLY**

Join GeoClub and other student organizations that suit your interests, which may include the Southeast Division of the AAG (SEDAAG) and the Association of Women in Science (AWIS).

**CAREER PREPAREDNESS**

Integrate internationally-oriented classes into your electives and consider a minor or second major in an international field or foreign language. Consider a Summer or semester-long study abroad program to Costa Rica or Jamaica. Apply for study abroad scholarships in the early Fall.

Meet with Career Services to learn about their resources. Check out the Bureau of Labor Statistics and Virtual Job Shadow to explore potential careers. Consider working with a faculty member to do research such as data collection in the field or analysis in the lab.

The third year you should finish up your General Education courses and start a minor (if applicable). Register for GEOG 4330 or language and GEOG course (human) in the fall. In the spring, sign up for 3 GEOG courses: GIS, language, Human & Environment.

**CONSIDER AN INTERNSHIP**

Internships, part-time jobs, student leadership positions, and volunteer or community engagement activities can help build your résumé and give you valuable experience. Some common internship placements are with Greenville Utilities, Pitt County Planning, Montgomery Botanical Center, Uptown Greenville, and AMEXCAN, Inc.

Meet with Career Services to often work on your post-graduation plans. Investigate job-related skills and identify gaps in your résumé so you can address them early. Use the Occupational Outlook Handbook, USAJobs.gov, and/or other resources available through Career Services to identify common skills in your career field.

Connect with the Center for Leadership and Civic Engagement to explore local opportunities. Also consider contacting community partners using the Orgsync directory. To build your professional network, join a professional organization like American Association of Geographers (AAG).

Volunteering for political, governmental, or social organizations is a great way to get experience in your field, build your résumé, test your interest in working with diverse populations, and develop your professional network. Consider volunteering for organizations such as the Food Bank, Red Cross or Habitat for Humanity.

**POST-GRAD OPTIONS**

Volunteering for political, governmental, or social organizations is a great way to get experience in your field, build your résumé, test your interest in working with diverse populations, and develop your professional network. Consider volunteering for organizations such as the Food Bank, Red Cross or Habitat for Humanity.

Submit a proposal to present a polished research paper from one of your classes at the Annual Meeting of Southeast Division of the AAG, the North Carolina GIS conference, the North Carolina ArcGIS Users Group Conference and the Applied Geography conference.

**MAKE THE MOST OF YOUR RETURN**

Make the most of your return from your study abroad or internship program by becoming more active in your student organizations. Work with the Office of Global Affairs and the Career Center to learn how to leverage your study abroad experience to improve your job placement possibilities.

Take on a leadership position in one of your globally-oriented student organizations. Complete your program by incorporating more internationally-focused courses.

Develop your LinkedIn profile. Meet with your Career Counselor to discuss postgraduation plans. If needed, research graduate schools and program requirements. Continue to attend career fairs and other employer-related career events.

Meet with your Career Counselor to put your post-graduation plans into action. Refine your résumé, LinkedIn profile, and interview skills. Complete the Pirate Employment Survey. Senior will take Professional Development Seminar (GEOG 4999) that allows them to consider graduate school or a professional career.

**VISIT US ONLINE**

For more information and an interactive map PDF, visit: www.ecu.edu/degrees/bs/Applied+Geography

**FINISH IN FOUR**

East Carolina University