

Bachelor of Arts with Major in Geography

[Link to Undergraduate Geology Programs](#)/[Link to Master's Programs](#)/[Link to Doctoral Program](#)

(Minimum of 120 credits required)

The core courses below (18 credits) are required of all students for the B.A. in Geography. Students then complete 6 credits from each of the three areas of emphasis within geography (environmental systems, human systems and GIScience - 18 credits). The remaining 15 credits are additional courses chosen from the three areas of emphasis mentioned above constituting a specialization in geography. Total credits for the B.A. in Geography are 51.

Prerequisite Coursework for Transfer Students

Students transferring to Florida Atlantic University must complete both lower-division requirements (including the requirements of the Intellectual Foundations Program) and requirements for the college and major. Lower-division requirements may be completed through the A.A. degree from any Florida public college, university or community college or through equivalent coursework at another regionally accredited institution. Before transferring and to ensure timely progress toward the baccalaureate degree, students must also complete the prerequisite courses for their major as outlined in the *Transfer Student Manual* (see www.fau.edu/registrar/tsm.php).

All courses not approved by the Florida Statewide Course Numbering System that will be used to satisfy requirements will be evaluated individually on the basis of content and will require a catalog course description and a copy of the syllabus for assessment.

Core Courses (all required)		
World Geography	GEA 2000	3
Introduction to Physical Geography	GEO 2200C	3
Weather and Climate	MET 2010	3
Introduction to Mapping and GIS	GIS 3015C	3
Quantitative Methods	GEO 4022	3
Human-Environmental Interactions in South Florida	GEA 4275	3
Core Total		18

Emphasis Areas (select 6 credits from each of the three areas below)		
<i>Environmental Systems</i>		
Biogeography	GEO 4300	3
Coastal and Marine Science	GLY 3730	3
Environmental Issues in Atmospheric and Earth Science	ESC 3704	3
Geomorphology	GLY 4700C	3
Hydrogeology	GLY 4822	3
Water Resources	GEO 4280C	3
<i>Human Systems</i>		
American Cultural Landscape	GEO 4422	3
Geography of Latin America and the Caribbean	GEA 4405	3
Tourism and Commercial Recreation	GEO 4542	3
Transportation and Spatial Organization	GEO 4700	3
Urban Geography	GEO 4602	3
<i>GIScience</i>		

Principles of GIS	GIS 4043C	3
Applications in GIS	GIS 4048C	3
Geovisualization and GIS	GIS 4138C	3
Remote Sensing of the Environment	GIS 4035C	3
Digital Image Analysis	GIS 4037C	3
Programming in GIS	GIS 4102C	3
Photogrammetry and Aerial Photograph Interpretation	GIS 4021C	3
Spatial Data Analysis	GEO 4167C	3
Introduction to Hydrogeology Modeling and Aquifer Test	GLY 4832C	3
Minimum credits required from Emphasis Areas		18

Specialization in Geography	
The remaining requirements for the B.A. in Geography are 15 credits of additional courses chosen from the three areas of emphasis within geography (environmental systems, human systems and GIScience) listed in the table above. The courses should be selected in consultation with the student's advisor based on the student's interests and career goals.	
Specialization Total	15