FLORIDA ATLANTIC UNIVERSITY
All courses are three (3) credits unless otherwise indicated. Course selections should be made in consultation with an academic advisor.

GEOGRAPHY MAJOR
(2013 – 2014)
The Charles E. Schmidt College of Science
Bachelor of Science (BS)

FOUNDATIONS OF WRITTEN COMMUNICATION
(Gordon Rule Writing (GRW), 6 credits required)
(A grade of “C” or higher is required in each course)

___ ENC 1101 .................. College Writing I (REQUIRED)
___ ENC 1102+ .................. College Writing II
THE FOLLOWING COURSES CAN BE SUBSTITUTED FOR ENC 1102:
___ ANT 1471+ .................. Cultural Difference in a Globalized Society
___ ENC 1930+ .................. University Honors Seminar in Writing (Permit Only)
___ ENC 1939+ .................. Special Topic: College Writing II
___ ENC 2452+ .................. Honor Composition for Science
___ NSP 1195 .................. Being Cared For: Reflections from Other Side of Bed

Students must take four (4) GRW Courses. Two (2) must be taken from Foundations of Written Communications.
§ Two additional courses are REQUIRED.

FOUNDATIONS OF SOCIETY & HUMAN BEHAVIOR
(6 credits required, select 2 courses 2 different departments)

Anthropology Department
___ ANT 2000 & D ............ Introduction to Anthropology (RECOMMENDED)

Economics Department
___ ECO 2010# .................. Macroeconomic Principles (RECOMMENDED)
___ ECO 2020# .................. Microeconomic Principles
___ ECP 2002 .................. Contemporary Economic Issues

Exceptional Student Education Department
___ EEX 2091 .................. Disability and Society

Geosciences Department
___ EVR 2017 .................. Environment and Society

Political Science Department
___ POS 2041 .................. Government of the United States

Psychology Department
___ PSY 1012 .................. General Psychology

Public Administration Department
___ PAD 2258 .................. Changing Env. of Soc., Bus., & Government

Sociology Department
___ SYG 1000 .................. Sociological Perspectives
___ SYG 2010 .................. Social Problems

Urban & Regional Planning Department
___ URP 2051 .................. Designing the City

FOUNDATIONS OF SCIENCE & THE NATURAL WORLD
(8 credits required)
(Courses to be taken from 2 different departments)
(All labs and discussions are required)

Biology Department
___ BSC 1011 & L & D .......... Biodiversity (4 cr. incl. Lab and Discussion)
___ OR
___ BSC 1010 & L & D .......... Biological Principles (4 cr. incl. Lab & Disc)

Chemistry Department
___ CHM 2045 & L+ ............ General Chemistry I (4 credits Incl. Lab)

Additional science classes are required for this major. Refer to page 3 for additional science requirements.

FOUNDATIONS OF MATHEMATICS & QUANTITATIVE REASONING
(Grade of “C” or higher required. 6 credits required)
PRETEST IS REQUIRED BEFORE TAKING YOUR FIRST MATH CLASS
NOTE: Students must take at least one course with the prefix MAC from the list below

___ MAC 2233 .................. Methods of Calculus (REQUIRED or higher)
___ MAC 2311 .................. Calculus with Analytic Geometry I (4 credits)
___ MAC 2312 .................. Calculus with Analytic Geometry II (4 credits)
___ STA 2023 .................. Introductory Statistics (REQUIRED)

Additional math courses are available upon request. Consult with your academic advisor.

FOUNDATIONS IN GLOBAL CITIZENSHIP
(Select 2 courses from 2 different departments) (6 cr. req.)
At least 1 course must be Global Perspectives (GP)

Anthropology Department
___ ANT 2410 ............ Culture and Society (GP)

Curriculum, Culture, & Educational Inquiry Department
___ EDF 2854 ............... Educated Citizen in Global Context (GP)

Geography Department
___ GEA 2000 & D ........... World Geography (GP)

History Department
___ AMH 2010 (P/F) ...... United States History to 1877
___ AMH 2020 (P/F) ...... United States History Since 1877
___ WOH 2012 & D+ ...... History of Civilization I (GRW) (GP)
___ WOH 2022 ................ History of Civilization II (GP)

Languages, Linguistics, & Comparative Literature Department
___ LAS 2000 ............ Intro to Caribbean & Latin American Studies
___ LIN 2607 ............... Global Perspectives on Language (GP)

Philosophy Department
___ PHI 2010 & D ........... Introduction to Philosophy (GRW)

Political Science Department
___ INR 2002 ............. Introduction to World Politics (GP)

Sociology Department
___ SYD 2790 .............. Race, Class, Gender, and Sexuality
___ SYP 2450 ............... Global Society (GP)

Social Work Department
___ SYW 1005 ............... Global Perspectives of Social Services (GP)

FOUNDATIONS OF CREATIVE EXPRESSION
(6 credits req., select 2 courses from 2 different departments)

Architecture Department
___ ARC 2208 .............. Culture & Architecture

Visual Art & Art History Department
___ ARH 2000 (P/F) ........ Art Appreciation

School of Communication & Multimedia Studies
___ FIL 2000 & D .......... Film Appreciation

English Department
___ LIT 2010+ ............ Interpretation of Fiction (GRW)
___ LIT 2030+ ............ Interpretation of Poetry (GRW)
___ LIT 2040+ ............ Interpretation of Drama (GRW)
___ LIT 2070+ ............ Interpretation of Creative Nonfiction (GRW)

Languages, Linguistics, & Comparative Literature Department
___ LIT 2100 .................. Intro to World Literature

Music Department
___ MUL 2010 .............. History & Appreciation of Music

Theatre & Dance Department
___ DAN 2100 ............ Appreciation of Dance
___ THE 2000 ............ Appreciation of Theatre

University Advising Services
FOREIGN LANGUAGE (4 - 8 credits, 1 or more courses in the same language) - REQUIRED FOR MAJOR

Students with more than one year of a foreign language in high school should enroll in the second half of the beginners foreign language class (ARA/CHI/FRE/GER/GRE/GRK/HBR/ITA/JPN/LAT/SPN 1121) or a higher level course. Proficiency for a first-level course can be earned by successfully completing a second-level course. For questions related to this requirement, consult an academic advisor. CLEP exam credits meet this requirement: see the catalog.

NOTE: Native Speakers of a foreign language must consult the Languages, Linguistics, and Comparative Literature Department regarding this requirement.

NOTE: Honors Seminars SHALL BE ACCEPTED AS MEETING THE GORDON RULE WRITING REQUIREMENT.

See the University Advising Services Office for details.

HONORS NOTE: Students can apply for the PSYCHOLOGY HONORS PROGRAM after completion of 60 credits, and before completion of 105 credits. Students must have a 3.2 overall & Psychology GPA to be admitted and retained in the Honors track.

<table>
<thead>
<tr>
<th>B.S.</th>
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<tbody>
<tr>
<td>credit</td>
<td>course</td>
</tr>
<tr>
<td>46</td>
<td>Intellectual Foundations Program &amp; Foreign Language</td>
</tr>
<tr>
<td>23</td>
<td>Electives and/or Recommended Courses (20 credits upper division)</td>
</tr>
<tr>
<td>24</td>
<td>Geography Major Core (18 credits upper division)</td>
</tr>
<tr>
<td>27</td>
<td>Geoscience Electives</td>
</tr>
<tr>
<td><strong>120 CREDITS</strong></td>
<td><strong>TOTAL</strong></td>
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</tbody>
</table>

NOTE: See the catalog for specific requirements, course descriptions, and additional information. The requirements for some Intellectual Foundations Program (I.F.P.) courses & other courses may be satisfied by passing the appropriate AP or CLEP exam. Check with your advisor and college.

The Geosciences Department has the following requirements:

(1) Students must get a “C” or higher in all Sciences, Math and Cognate courses to receive major credit, and

(2) No major course can be taken pass/fail.

Minors are available in this major -- see the catalog for details. All course selections should be made in consultation with an advisor.
MAJOR COURSES, COLLEGE REQUIREMENTS and ELECTIVES

BACHELOR OF SCIENCE (BS) DEGREE IN GEOGRAPHY

Students must meet University Requirements for Arts and Humanities, Social Science, English, and Foreign Language.

Additional course work, such as the second introductory class in biology, physics, and chemistry is strongly recommended. Students should speak with their academic advisor for specific recommendations.

**Required Lower Division Core:** (6 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Weather &amp; Climate</td>
<td>MET 2010 &amp; D</td>
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</tr>
<tr>
<td>Introductory Physical Geography</td>
<td>GEO 2200C</td>
<td>3</td>
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**Geography Core:** (18 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Introduction to Mapping and GIS</td>
<td>GIS 3015C</td>
<td>3</td>
</tr>
<tr>
<td>Principles of GIS</td>
<td>GIS 4043C</td>
<td>3</td>
</tr>
<tr>
<td>Remote Sensing of Environment</td>
<td>GIS 4035C</td>
<td>3</td>
</tr>
<tr>
<td>Quantitative Methods</td>
<td>GEO 4022</td>
<td>3</td>
</tr>
<tr>
<td>Biogeography</td>
<td>GEO 4300</td>
<td>3</td>
</tr>
<tr>
<td>Human-Environmental Interactions in South Florida</td>
<td>GEA 4275</td>
<td>3</td>
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</tbody>
</table>

**Geoscience Electives:** (Choose 27 credits from the list below)

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Coastal and Marine Science</td>
<td>GLY 3730</td>
<td>3</td>
</tr>
<tr>
<td>Environmental Issues in Atmospheric &amp; Earth Science</td>
<td>ESC 3704</td>
<td>3</td>
</tr>
<tr>
<td>Geomorphology</td>
<td>GLY 4700C</td>
<td>3</td>
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<tr>
<td>Hydrogeology</td>
<td>GLY 4822</td>
<td>3</td>
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<tr>
<td>Field Methods</td>
<td>GLY 4750C</td>
<td>3</td>
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<tr>
<td>Water Resources</td>
<td>GEO 4280C</td>
<td>3</td>
</tr>
<tr>
<td>Transportation and Spatial Organization</td>
<td>GEO 4700</td>
<td>3</td>
</tr>
<tr>
<td>Urban Geography</td>
<td>GEO 4602</td>
<td>3</td>
</tr>
<tr>
<td>Applications in GIS</td>
<td>GIS 4048C</td>
<td>3</td>
</tr>
<tr>
<td>Geovisualization and GIS</td>
<td>GIS 4138C</td>
<td>3</td>
</tr>
<tr>
<td>Digital Image Analysis</td>
<td>GIS 4037C</td>
<td>3</td>
</tr>
<tr>
<td>Programming in GIS</td>
<td>GIS 4102C</td>
<td>3</td>
</tr>
<tr>
<td>Photogrammetry &amp; Aerial Interpretation</td>
<td>GIS 4021C</td>
<td>3</td>
</tr>
<tr>
<td>Spatial Data Analysis</td>
<td>GEO 4167C</td>
<td>3</td>
</tr>
<tr>
<td>Intro to Hydrogeology &amp; Aquifer Test</td>
<td>GLY 4832C</td>
<td>3</td>
</tr>
</tbody>
</table>

**NOTE:** A grade of “C” or better is required for all courses in this track.

**NOTE:** It is the students responsibility to complete 65 credits of upper division coursework