GEOGRAPHY MAJOR
(2014 – 2015)
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
__ HIS 2034 ................. Writing History
__ 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 2101 ................. Macroeconomic Principles (RECOMMENDED)
__ ECO 2023 ................. Microeconomic Principles
__ ECP 2002 ................. Contemporary Economic Issues

Exceptional Student Education Department
__ EVR 2091 ................. Disability and Society
Geosciences Department
__ EVR 2017 ................. Environment and Society
Political Science Department
__ PDS 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)
__ 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 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)
__ 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
__ GEO 2000 ................. 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 2007 ................. 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
__ SOW 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 & D ........ Interpretation of Fiction (GRW)
__ LIT 2030 & D ........ Interpretation of Poetry (GRW)
__ LIT 2040 & D ........ Interpretation of Drama (GRW)
__ LIT 2070 & D ........ 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

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

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<tr>
<th>B.S.</th>
<th>Intellectual Foundations Program &amp; Foreign Language</th>
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<tbody>
<tr>
<td>46 credits</td>
<td>Electives and/or Recommended Courses (20 credits upper division)</td>
</tr>
<tr>
<td>23 credits</td>
<td>Geography Major Core (18 credits upper division)</td>
</tr>
<tr>
<td>24 credits</td>
<td>Geoscience Electives</td>
</tr>
<tr>
<td>27 credits</td>
<td>TOTAL 120 CREDITS</td>
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**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)
- Weather & Climate
  - MET 2010 & D (3 credits)
- Introductory Physical Geography
  - GEO 2200C (3 credits)

**Geography Core:** (18 credits)
- Introduction to Mapping and GIS
  - GIS 3015C (3 credits)
- Principles of GIS
  - GIS 4043C (3 credits)
- Remote Sensing of Environment
  - GIS 4035C (3 credits)
- Quantitative Methods
  - GEO 4022 (3 credits)
- Biogeography
  - GEO 4300 (3 credits)
- Human-Environmental Interactions in South Florida
  - GEA 4275 (3 credits)

**Geoscience Electives:** (Choose 27 credits from the list below)
- Coastal and Marine Science
  - GLY 3730 (3 credits)
- Environmental Issues in Atmospheric & Earth Science
  - ESC 3704 (3 credits)
- Geomorphology
  - GLY 4700C (3 credits)
- Hydrogeology
  - GLY 4822 (3 credits)
- Field Methods
  - GLY 4750C (3 credits)
- Water Resources
  - GEO 4280C (3 credits)
- Transportation and Spatial Organization
  - GEO 4700 (3 credits)
- Urban Geography
  - GEO 4602 (3 credits)
- Applications in GIS
  - GIS 4048C (3 credits)
- Geovisualization and GIS
  - GIS 4138C (3 credits)
- Digital Image Analysis
  - GIS 4037C (3 credits)
- Programming in GIS
  - GIS 4102C (3 credits)
- Photogrammetry & Aerial Interpretation
  - GIS 4021C (3 credits)
- Spatial Data Analysis
  - GEO 4167C (3 credits)
- Intro to Hydrogeology & Aquifer Test
  - GLY 4832C (3 credits)

**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