GEOLOGY MAJOR
(2014 – 2015)
The Charles E. Schmidt College of Science
Bachelor of Arts (BA)

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 (Perm Only)
__ ENC 1939+.......... Special Topic: College Writing II
__ HIS 2934+.......... 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 SOCIOLOGY & HUMAN BEHAVIOR
(6 credits required, select 2 courses from 2 different departments)

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

Economics Department
__ ECO 2013#.............. Macroeconomic Principles
__ ECO 2023#.............. Microeconomic Principles
__ EEC 2002 ............... Contemporary Economic Issues

Exceptional Student Education Department
__ EED 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 1010 .............. Social Problems

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

FOUNDATIONS OF SCIENCE & THE NATURAL WORLD
(13 credits required)
(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)

Physics Department
__ PHY 2048** ............... General Physics I & Lab (5 credits)
OR
__ PHY 2053** ............... College Physics I & Lab (5 credits)

FOUNDATIONS OF MATHEMATICS & QUANTITATIVE REASONING
(Grade of “C” or higher required. 11 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 1105 ............... College Algebra (REQUIRED)
__ STA 2023 .. Introductory Statistics (REQUIRED)

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 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
__ SWO 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
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.

B.A.

<table>
<thead>
<tr>
<th>B.A.</th>
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<tbody>
<tr>
<td>32 credits</td>
<td>Intellectual Foundations Program &amp; Foreign Language</td>
</tr>
<tr>
<td>19 credits</td>
<td>Science and Math</td>
</tr>
<tr>
<td>37 - 41 credits</td>
<td>Geology Major</td>
</tr>
<tr>
<td>28 - 32 credits</td>
<td>Electives</td>
</tr>
<tr>
<td>120 CREDITS</td>
<td>TOTAL</td>
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NOTE: Some colleges and departments have specific restrictions on course selection within the Intellectual Foundations Program (I.F.P), (see Lower Division College and Dept. requirements & recommended courses in the Admissions Policy section of the catalog). The requirements for some Intellectual Foundations Program courses & other courses may be satisfied by passing the appropriate AP or CLEP exam. Check with your advisor and college.

The College of Science has the following requirements:

1. A grade of “C” or better is required in ALL GEOLOGY courses as part of the minimum degree requirements;
2. Any course work in the major field transferred from another institution must be approved by the major dept.;
3. No major course may be taken pass/fail;
4. The maximum amount of credit which may be earned through co-op is 10 credits; some departments allow some of these credits to substitute for major courses, check with the department for specifics. All course selections should be made in consultation with an advisor.
**MAJOR COURSES, COLLEGE REQUIREMENTS and ELECTIVES**

**BACHELOR OF ARTS (BA) DEGREE IN GEOLOGY: EARTH & SPACE SCIENCE**

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 the IFP sciences courses is strongly recommended. Students should speak with their academic advisor for specific recommendations.

**GEOLOGY MAJOR COURSE REQUIREMENTS:**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>AST 2002</td>
<td>Introduction to Astronomy</td>
<td>3</td>
</tr>
<tr>
<td>GIS 3015C</td>
<td>Introduction to Mapping and GIS</td>
<td>3</td>
</tr>
<tr>
<td>GLY 2010C</td>
<td>Physical Geology/Evolution of the Earth &amp; lab</td>
<td>4</td>
</tr>
<tr>
<td>GLY 2100</td>
<td>History of Earth and Life</td>
<td>3</td>
</tr>
<tr>
<td>GLY 3730</td>
<td>Coastal and Marine science</td>
<td>3</td>
</tr>
<tr>
<td>GLY 4750C</td>
<td>Field Methods</td>
<td>3</td>
</tr>
<tr>
<td>MET 2010 &amp; D</td>
<td>Weather and Climate</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Subtotal</strong></td>
<td><strong>22 credits</strong></td>
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**GEOLOGY COURSES:**

Choose 15 credits from the following list.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESC 3704</td>
<td>Environmental Issues in Atmospheric &amp; Earth Science</td>
<td>3</td>
</tr>
<tr>
<td>GLY 3155C</td>
<td>Geology of Florida</td>
<td>3</td>
</tr>
<tr>
<td>GLY 3164</td>
<td>Fire, Ice, &amp; Wind: The Geologic Formation of Nat’l Parks &amp; Monuments</td>
<td>3</td>
</tr>
<tr>
<td>GLY 3603C</td>
<td>Paleontology</td>
<td>3</td>
</tr>
<tr>
<td>GLY 4200C</td>
<td>Mineralogy &amp; Crystal Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>GLY 4310C</td>
<td>Petrology of Igneous and Metamorphic Rocks</td>
<td>4</td>
</tr>
<tr>
<td>GLY 4400C</td>
<td>Structural Geology</td>
<td>4</td>
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<tr>
<td>GLY 4500C</td>
<td>Stratigraphy &amp; Sedimentation</td>
<td>4</td>
</tr>
<tr>
<td>GLY 4700C</td>
<td>Geomorphology</td>
<td>3</td>
</tr>
<tr>
<td>GLY 4822</td>
<td>Hydrogeology</td>
<td>3</td>
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<tr>
<td></td>
<td><strong>Subtotal</strong></td>
<td><strong>15 – 19 credits</strong></td>
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*NOTE: A grade of “C” or better is required for all courses taken in the Geosciences Department.*

*NOTE: It is the students responsibility to complete 45 credits of upper division coursework.*