FOUNDATIONS OF WRITTEN COMMUNICATION
(6 credit hours required – Writing Across the Curriculum - WAC)
Grade of “C” or higher is required in each course
    ___ ENC 1101 ...... College Writing I (REQUIRED)
    ___ ENC 1102 ...... College Writing II +

THE FOLLOWING COURSES BELOW MAY BE SUBSTITUTED FOR ENC 1102:

English Department
    ___ ENC 1930+ .... University Honors Seminar in Writing (Permit Only)
    ___ ENC 1939+ .... Special Topic: College Writing
    ___ ENC 2452+ .... Honors Composition for Science

Anthropology Department
    ___ ANT 1471+ .... Cultural Difference in a Globalized Society

History Department
    ___ HIS 2050+ ..... Writing History: The American Revolution

Nursing Department (Department Permission Required)
    ___ NSP 1195+ ..... Being Cared For: Reflections from Other Side of Bed

Note: Students must take four Writing-Across-the-Curriculum (WAC) courses, two of which must be taken from Foundations of Written Communication.

FOUNDATIONS OF SCIENCE & THE NATURAL WORLD
(6 credit hours required - One of the courses must have a lab)
Student must take two of the following courses, one must be from group A. The second course may be from group A or group B.

Group A

Biology Department
    ___ BSC 1005 & L....... Life Science (3 credits including Lab)
    ___ BSC 1010 & L & D.. Bio. Principles (4 cr w/Lab & Dis) (see note below)
    ___ BSC 2085 & L......... Anatomy & Physiology 1 (4 credits including Lab) *

Chemistry Department
    ___ CHM 1020C......... Contemporary Chemical Issues
    ___ CHM 2045 & L....... General Chem. 1 (4 cr w/Lab) ‡ (REQUIRED)

Geosciences Department
    ___ ESC 2000 .......... Blue Planet (online course)
    ___ EVR 1001 .......... Environmental Science and Sustainability

Physics Department
    ___ AST 2002 .......... Introduction to Astronomy (P/F) (REQUIRED)
    ___ PHY 2048 & L....... General Physics 1 (5 cr w/Lab) ** (see note below)
    ___ PHY 2053.......... College Physics 1 (4 credits) *** (see note below)

Group B

Anthropology Department
    ___ ANT 2511 & L....... Intro to Biological Anthropology (4 cr. Incl. Lab)

Biology Department
    ___ BSC 1011 & L & D.. Biodiversity (4 cr w/Lab & Dis) (see note below)

Chemistry Department
    ___ CHM 2032 & L...... Chem. for Health Sciences (4 cr. including Lab)
    ___ CHM 2083......... Chemistry in Modern Life (P/F)

Engineering Dean Department
    ___ ETG 2831.......... Nature: Inter. of Sci., Eng., & the Humanities

Geosciences Department
    ___ GYL 2010C .......... Physical Geology (4 cr. including Lab) (REQUIRED)
    ___ GYL 2100 .......... History of Earth and Life (REQUIRED)
    ___ MET 2010 & D...... Weather and Climate (REQUIRED)

Physics Department
    ___ PSC 2121 .......... Physical Science

Must select 1 course between:
    BSC 1010 or BSC 1011 and PHY 2048 or PHY2053

Foundations of Mathematics & Quantitative Reasoning
(6 credit hours required – Grade of “C” or higher is required)
Student must take two of the following courses, one must be from group A. The second course may be from group A or group B.

PRETEST IS REQUIRED BEFORE TAKING YOUR FIRST MATH COURSE
Group A
    ___ MGF 1106 .......... Math for Liberal Arts 1
    ___ MGF 1107 .......... Math for Liberal Arts 2
    ___ MAC 1105 .......... College Algebra (REQUIRED)
    ___ STA 2023 ......... Introductory Statistics (REQUIRED)
    ___ MAC 2311......... Calculus with Analytic Geometry 1 (4 credits)

or any mathematics course for which one of the above courses is the direct prerequisite

Group B
    ___ MAC 1140 .......... Precalculus Algebra
    ___ MAC 1114 .......... Trigonometry
    ___ MAC 1147 .......... Precalculus Algebra & Trigonometry (5 credits)
    ___ MAC 2233 .......... Methods of Calculus
    ___ MAC 2312 .......... Calculus with Analytic Geometry 2 (4 credits)

Philosophy Department
    ___ PHI 2102 .......... Logic

Note: Students must take at least one course with the prefix MAC or MGF.

FOUNDATIONS OF SOCIETY & HUMAN BEHAVIOR
(6 credit hours required)
Student must take two of the following courses, one must be from group A. The second course may be from group A or group B.

Group A

History Department
    ___ AMH 2020 & D...... United States History Since 1877 (P/F)

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

Economics Department
    ___ ECO 2013 ......... Macroeconomic Principles §

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

Psychology Department
    ___ PSY 1012 .......... Introduction to Psychology

Sociology Department
    ___ SYG 1000 .......... Sociological Perspectives

Group B

History Department
    ___ AMH 2010 & D...... United States History to 1877 (P/F)

Economics Department
    ___ ECO 2023 ......... Microeconomic Principles §

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

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

Public Administration Department
    ___ PAD 2258 .......... Changing Environment of Soc., Bus., & Gov’t

Sociology Department
    ___ SYD 2790 .......... Race, Class, Gender, and Sexuality
    ___ SYG 2010 .......... Social Problems

Urban & Regional Planning Department
    ___ URP 2051 .......... Designing the City
Students must attain grades of "C" or higher. 12 credits of writing (WAC) and 6 credits of mathematics are required.

Please note:
Students must take four (4) WAC courses. Two (2) courses are to be taken from Foundations of Written Communication. We strongly recommend the two additional WAC courses come from these courses: PHI 2010, WOH 2012, LIT 2010, LIT 2030, LIT 2040 and LIT 2070. See advisor for additional details.

Legend

+  - ENC 1101 is a prerequisite.
++ - Two Foundations of Written Communications classes are required before taking this course.
§ - Sophomore standing (30 credits earned) is a requirement to take this course.
* - Nursing majors are required to take this course in their first semester.
** - MAC 2311 is a prerequisite for this course. If a lab is needed, then take General Physics 1 Lab (PHY 2048 Lab).
*** - MAC 1105 and MAC 1114 are prerequisites for this course. If a lab is needed, then take General Physics 1 Lab (PHY 2048 Lab).
‡ - Co-requisite of College Algebra (MAC 1105) or a prerequisite of Introductory Chemistry (CHM 1025).
WAC - (WAC) Writing across the curriculum course.

Writing Across the Curriculum (WAC)/Gordon Rule
Students must attain grades of "C" or higher. 12 credits of writing (WAC) and 6 credits of mathematics are required.

Please note:
Students must take four (4) WAC courses. Two (2) courses are to be taken from Foundations of Written Communication. We strongly recommend the two additional WAC courses come from these courses: PHI 2010, WOH 2012, LIT 2010, LIT 2030, LIT 2040 and LIT 2070. See advisor for additional details.

| (D) = Discussion, (L) = Lab |
| Courses indicating a (D) or (L) are linked with a lecture, a lab, and/or a discussion. If you select one of these courses, you must register for the lecture, lab, and/or discussion. You must attend the lecture, lab, and/or discussion. |

Elective Credits
The number of elective credits allowed varies by major. Please consult with an academic advisor to determine the number of elective credits required for your major. Certain majors do not allow any electives.
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 WAC/GRW 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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**B.A.**

<table>
<thead>
<tr>
<th>Credits</th>
<th>Course Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>32</td>
<td>Intellectual Foundations Program &amp; Foreign Language</td>
</tr>
<tr>
<td>19</td>
<td>Science and Math</td>
</tr>
<tr>
<td>37 - 41</td>
<td>Geology Major</td>
</tr>
<tr>
<td>28 - 32</td>
<td>Electives</td>
</tr>
<tr>
<td><strong>120 CREDITS</strong></td>
<td><strong>TOTAL</strong></td>
</tr>
</tbody>
</table>

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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.

GEOLGY MAJOR COURSE REQUIREMENTS:

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<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>
</tbody>
</table>

GEOLGY 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>
</tr>
<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>
</tr>
</tbody>
</table>

Subtotal                                15 – 19 credits

NOTE: A grade of "C" or better is required for all courses taken in the Geosciences Department.

NOTE: It is the student’s responsibility to complete 45 credits of upper division coursework.