**GEOLOGY MAJOR (2018-2019)**

**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

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

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**FOUNDATIONS OF SCIENCE & THE NATURAL WORLD**
(6 credit hours required - One of the courses must have a lab)
Student must take 2 of the following courses; 1 must be from group A. The second course may be from group A or group B.

<table>
<thead>
<tr>
<th>Group A</th>
<th>Group B</th>
</tr>
</thead>
</table>
| Biology Department *(see note)*
   - BSC 1010 & L & D
   - Biological Principles *(4 cr. Incl. Lab & Dis)*
| Biology Department *(see note)*
   - BSC 1011 & L & D
   - Biodiversity *(4 cr. incl Lab & Dis)*
| Chemistry Department
   - CHM 2045 & L *(Required)*
   - General Chemistry 1 *(4 cr. Incl. Lab)*
| Geosciences Department
   - GLY 2010C *(Required)*
   - Physical Geol. *(4 cr. incl. Lab)*
| Physics Department
   - AST 2002 *(Required)*
   - Intro. to Astronomy *(P/F)*
   - PHY 2048 & L *(see note)*
   - General Physics 1 *(5 credits incl. Lab)*
   - PHY 2053 *(College Physics 1)*

**NOTE:** Student must select one course between BSC 1010 or BSC 1011 and PHY 2048 or PHY 2053

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**FOUNDATIONS OF MATHEMATICS & QUANTITATIVE REASONING**
(6 credit hours required – Grade of “C” or higher is required)
Student must take 2 of the following courses; 1 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**

<table>
<thead>
<tr>
<th>Group A</th>
<th>Group B</th>
</tr>
</thead>
</table>
| MAC 1105+….. College Algebra *(Required)*
   - STA 2023+….. Introductory Statistics *(Required)*
   - MAC 2311+….. Calc. w/Analytic Geometry 1 *(4 cr)*
   - or any mathematics course for which one of the above courses is the direct prerequisite |
| MAC 1140+….. Precalculus Algebra
   - MAC 1114+….. Trigonometry
   - MAC 1147+….. Precalculus Algebra & Trigonometry *(5 credits)*
   - MAC 2233+….. Methods of Calculus
   - MAC 2312+….. Calc. w/Analytic Geometry 2 *(4 cr)* |

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**FOUNDATIONS OF SOCIETY & HUMAN BEHAVIOR**
(6 credit hours required)
Student must take 2 of the following courses; 1 must be from group A. The second course may be from group A or group B.

**Group A**

| History Department
   - AMH 2010 & D+…..United States History Since 1877 *(P/F)*
| Anthropology Department
   - ANT 2000 & D+…..Introduction to Anthropology*
| Economics Department
   - ECO 2013+…..Macroeconomic Principles §
| Political Science Department
   - POS 2041+…..Government of the United States |
| Psychology Department
   - PSY 1012+…..Introduction to Psychology *(highly recommended)* |
| Sociology Department
   - SYG 1000+…..Sociological Perspectives *(highly recommended)* |

**Group B**

| History Department
   - AMH 2010 & D+…..United States History to 1877 *(P/F)*
| Economics Department
   - ECO 2023+…..Microeconomic Principles §
   - ECP 2002+…..Contemporary Economic Issues
| Exceptional Student Education Department
   - EEX 2091+…..Disability and Society
| Geosciences Department
   - EVR 2017+…..Environment and Society
| Languages, Linguistics, & Comparative Literature Department
   - LIN 2001+…..Introduction to Language *(online course)*
| 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 |
## Foundations in Global Citizenship
(6 credit hours required)

Student must choose two (2) courses from among the following:

<table>
<thead>
<tr>
<th>Department</th>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Anthropology Department</strong></td>
<td>ANT 2410</td>
<td>Culture and Society</td>
</tr>
<tr>
<td><strong>Curriculum, Culture &amp; Education Department</strong></td>
<td>EDF 2854</td>
<td>Educated Citizen in Global Context</td>
</tr>
<tr>
<td><strong>Geosciences Department</strong></td>
<td>GEA 2000</td>
<td>World Geography</td>
</tr>
<tr>
<td><strong>Political Science Department</strong></td>
<td>INR 2002</td>
<td>Introduction to World Politics</td>
</tr>
<tr>
<td><strong>Languages, Linguistics, &amp; Comparative Literature Department</strong></td>
<td>FIL 2000</td>
<td>Film</td>
</tr>
<tr>
<td><strong>Sociology Department</strong></td>
<td>SYP 2450</td>
<td>Global Society</td>
</tr>
<tr>
<td><strong>Social Work Department</strong></td>
<td>SOW 1005</td>
<td>Global Perspectives of Social Services</td>
</tr>
<tr>
<td><strong>History Department</strong></td>
<td>WOH 2012 &amp; 2022</td>
<td>History of Civilization 1 (WAC) ++</td>
</tr>
</tbody>
</table>

### Students Assume Responsibility for Meeting All Graduation Requirements

Course selections should be made in consultation with an academic advisor.

## Foundations of Humanities
(6 credit hours required)

Student must take 2 of the following courses; 1 must be from group A. The second course may be from group A or group B.

### Group A

<table>
<thead>
<tr>
<th>Department</th>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Visual Art &amp; Art History Department</strong></td>
<td>ARH 2000</td>
<td>Art Appreciation (P/F)</td>
</tr>
<tr>
<td><strong>Music Department</strong></td>
<td>MUL 2010</td>
<td>Music Appreciation</td>
</tr>
<tr>
<td><strong>Philosophy Department</strong></td>
<td>PHI 2010</td>
<td>Introduction to Philosophy (WAC) ++</td>
</tr>
<tr>
<td><strong>Theatre &amp; Dance Department</strong></td>
<td>THE 2000</td>
<td>Theatre Appreciation</td>
</tr>
</tbody>
</table>

### Group B

<table>
<thead>
<tr>
<th>Department</th>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Architecture Department</strong></td>
<td>ARC 2208</td>
<td>Culture &amp; Architecture</td>
</tr>
<tr>
<td><strong>Theatre &amp; Dance Department</strong></td>
<td>DAN 2100</td>
<td>Appreciation of Dance</td>
</tr>
<tr>
<td><strong>School of Communication &amp; Multimedia Studies</strong></td>
<td>FIL 2000</td>
<td>Film Appreciation</td>
</tr>
<tr>
<td><strong>Languages, Linguistics, &amp; Comparative Literature Department</strong></td>
<td>LIT 2100</td>
<td>Introduction to World Literature</td>
</tr>
<tr>
<td><strong>English Department</strong></td>
<td>LIT 2010</td>
<td>Interpretation of Fiction (WAC) ++</td>
</tr>
<tr>
<td><strong>Music Department</strong></td>
<td>MUL 2010</td>
<td>Music Appreciation</td>
</tr>
<tr>
<td><strong>Theatre &amp; Dance Department</strong></td>
<td>DAN 2100</td>
<td>Appreciation of Dance</td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>(D) = Discussion, (L) = Lab</th>
</tr>
</thead>
</table>

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.**

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**P/F**

Certain designated undergraduate courses may be taken for a letter grade of pass (P) or fail (F). Students must indicate the grade option preferred when registering; otherwise, a letter grade will be given. The maximum credit available to any student on the P/F option is one course per term with a maximum of 12 credits during a student’s entire course of study. This option is not available for courses in the student’s major, for students on probation, or for Engineering majors.

Go to MyFAU to:

- Check e-mail
- See FAU Announcements

FAU Self-Service:

- Course schedules
- Registration (drop/add classes) and withdrawals
- Student records and financial aid
- Tuition payments
- The University Course Catalog

**http://myfau.fau.edu**

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University Advising Services
March 5, 2018
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, & 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.

<table>
<thead>
<tr>
<th>B.A.</th>
</tr>
</thead>
<tbody>
<tr>
<td>38 credits Intellectual Foundations Program &amp; Foreign Language</td>
</tr>
<tr>
<td>37 credits Geology Major</td>
</tr>
<tr>
<td>21 credits Upper Division Restricted Free Electives</td>
</tr>
<tr>
<td>24 credits Free Electives</td>
</tr>
<tr>
<td>120 CREDITS TOTAL</td>
</tr>
</tbody>
</table>

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>
</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>

**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>
</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 coursework.