FLORIDA ATLANTIC UNIVERSITY – INTELLECTUAL FOUNDATION PROGRAM 2023 – 2024

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

GEOSCIENCES – GEOLOGY FOCUS (2023-2024)

Charles E. Schmidt College of Science
Bachelor of Arts (BA)

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:
__ ENC 1939 + ....Special Topic: College Writing
__ 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.

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.

**Group A**
-----For Non-Science Majors-----
__ AST 2002
   Intro. to Astronomy
__ BSC 1005 & L
   Life Science (3 cr. w/Lab)
__ CHM 1020C
   Contemp. Chemical Issues
__ ESC 2000
   The Blue Planet (online)
__ EVR 1001
   Env. Sci. and Sustainability

-----For Science Majors--------
__ BSC 1010 & L
   Biological Principles (4 cr. w/Lab)
__ BSC 2085 & L
   Anatomy & Physiology 1 (4 cr. w/Lab)
__ CHM 2045 & L
   General Chemistry 1 (4 cr. w/Lab) *
__ PHY 2048 & L
   General Physics 1 (5 credits w/Lab) *
__ PHY 2053 & L
   College Physics 1 (5 credits w/Lab) **

**Group B**
-----For Non-Science Majors-----
__ ANT 2511 & L
   Intro to Biological Anthropology (4 cr. w/ Lab)
__ ETC 2831
   Nature: Inter. of Sci., Eng., & the Humanities
__ GLY 2010C
   Physical Geol. (4 cr. w/Lab)
__ GLY2100
   History of Earth and Life
__ IDS 2382
   Human Mission to Mars
__ MET 2010 (REQUIRED)
   Weather, Climate & Climate Change
__ PSC 2121
   Physical Science

-----For Science Majors--------
__ BSC 1011 & L
   Biodiversity (4 cr. w/Lab)
__ CHM 2032 & L
   Chem. for Health Sciences (4 credits w/Lab)

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**
__ AMH 2020 & D .......United States History Since 1877 ◊
__ ANT 2000 & D ......Introduction to Anthropology (WAC)
__ ECO 2013 ............Macroeconomic Principles §
__ POS 2041 ............Government of the United States ♦
__ PSY 1012 ............Introduction to Psychology
   Highly Recommended
__ SYG 1000 ............Sociological Perspectives
   Highly Recommended

**Group B**
__ AMH 2010 & D ......United States History to 1877
__ CJC 2002...............Law, Crime & the Criminal Justice System ±
__ DIG 2202 ............Digital Culture
__ ECO 2023 ............Microeconomic Principles §
__ ECP 2002 ............Contemporary Economic Issues
__ EEX 2091 ............Disability and Society
__ EME 2620............Digital Literacy in a Globally Connected World ❧
__ EVR 1110 ............Climate Change: The Human Dimensions
__ EVR 2017 ............Environment and Society
__ LIN 2001 ............Introduction to Language (online course)
__ PAD 2081 ............Risk Resilience and Rising Seas ±
__ PAD 2258 ............Changing Environment of Soc., Bus., & Gov’t
__ SYG 2100 ............Social Problems
__ URP 2051 ............Designing the City

(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.
FOUNDATIONS IN GLOBAL CITIZENSHIP
(6 credit hours required)
Student must choose two (2) courses from among the following:

- ANT 2410 Culture and Society
- EDF 2854 Educated Citizen in Global Context
- GEA 2000 World Geography (REQUIRED)
- INR 2002 Introduction to World Politics
- JST 2452 Global Jewish Communities
- LAS 2000 Intro to Caribbean & Latin American Studies
- LIN 2607 Global Perspectives on Language
- MAR 2142 Culture, Consumers and the Global Marketplace
- MUH 2121 Music in Global Society
- POT 2000 Global Political Theory
- SOW 1005 Global Perspectives of Social Services
- SOW 1130 Race and Cultural Inclusion in Social Work
- WOH 2012 History of Civilization 1 (WAC) ++
- WOH 2022 History of Civilization 2
- WST 2351 Gender and Climate Change

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

- ARH 2000 Art Appreciation
- MUL 2010 Music Appreciation
- PHI 2010 & D Introduction to Philosophy (WAC) ++
- THE 2000 Theatre Appreciation

Group B

- ARC 2208 Culture & Architecture
- DAN 2100 Appreciation of Dance
- FIL 2000 & D Film Appreciation
- HUM 2471 Racism and Anti-Racism
- LIT 2010 Interpretation of Fiction (WAC) ++
- LIT 2030 Interpretation of Poetry (WAC) ++
- LIT 2040 Interpretation of Drama (WAC) ++
- LIT 2070 Interpretation of Creative Nonfiction (WAC) ++
- LIT 2100 Introduction to World Literature
- LIT 2931 Special Topics in Literature (WAC) ++
- SPC 2608 Public Speaking ±

STUDENTS ASSUME RESPONSIBILITY FOR MEETING ALL GRADUATION REQUIREMENTS
Course selections should be made in consultation with an academic advisor.

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.
* - MAC 2311 is a prerequisite for this course. If a lab is needed, then take General Physics 1 Lab (PHY 2048 Lab).
** - MAC 2233 is a prerequisite for this course. If a lab is needed, then take General Physics 1 Lab (PHY 2048 Lab).
± - Starting Spring 2022
Ω - Starting Spring 2023
Ω - Starting Fall 2023
◊ - See information box below regarding Civic Literacy Requirement

WAC - (WAC) Writing across the curriculum course.

写作横跨课程 (WAC)/戈登规则

学生必须达到“C”或更高的成绩。12学分的写作（WAC）和6学分的数学是要求的。

请注意：
学生必须完成四（4）WAC课程。这两门课程应从基础写作课程中选取。我们强烈建议增加额外的WAC课程，这些课程包括：PHI 2010, WOH 2012, LIT 2010, LIT 2030, LIT 2040, LIT 2070和LIT 2931。请与顾问获取更多信息。

选修学分

选修学分的数量因主修专业而异。请与顾问商讨确定所需修读的选修学分。

某些主修专业不允许选修学分。

Civic Literacy Requirement
https://www.fau.edu/ugstudies/civic-literacy-requirement/

在2021年夏季，佛罗里达大学议会修订了法律，要求学生完成两个公民素养课程（AMH 2020或POS 2041）和一个评估考试。
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>
<th>40 credits</th>
<th>Intellectual Foundations Program &amp; Foreign Language</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>49 - 50 credits</td>
<td>Major Core</td>
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<tr>
<td></td>
<td>5 - 15 credits</td>
<td>Upper Division Electives</td>
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<td></td>
<td>16 - 25 credits</td>
<td>Free Electives</td>
</tr>
<tr>
<td></td>
<td>120 CREDITS</td>
<td>TOTAL</td>
</tr>
</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

Minors are available in this major -- see the catalog for details. All course selections should be made in consultation with an advisor.
### BACHELOR OF ARTS WITH MAJOR IN GEOSCIENCES: GEOLOGY FOCUS

**Geology Focus Core Courses (36 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BSC 1010 w/Lab OR BSC1011 w/Lab</td>
<td>Biological Principles w/ Lab OR Biodiversity w/ Lab</td>
<td>4 credits</td>
</tr>
<tr>
<td>MAC 1105</td>
<td>College Algebra</td>
<td>3 credits</td>
</tr>
<tr>
<td>AST 2002</td>
<td>Introduction to Astronomy</td>
<td>3 credits</td>
</tr>
<tr>
<td>STA 2023</td>
<td>Introductory Statistics</td>
<td>3 credits</td>
</tr>
<tr>
<td>GLY 2010C</td>
<td>Physical Geology/Evolution of the Earth</td>
<td>4 credits</td>
</tr>
<tr>
<td>GLY 2100</td>
<td>History of Earth &amp; Life</td>
<td>3 credits</td>
</tr>
<tr>
<td>GLY 4750C</td>
<td>Geology Field Methods</td>
<td>3 credits</td>
</tr>
<tr>
<td>GIS 3015C</td>
<td>Introduction to Mapping and GIS</td>
<td>3 credits</td>
</tr>
<tr>
<td>CHM 2044S w/ Lab</td>
<td>General Chemistry 1 w/ Lab</td>
<td>4 credits</td>
</tr>
<tr>
<td>GEO 4920</td>
<td>Geosciences Colloquium</td>
<td>1 credit</td>
</tr>
<tr>
<td>PHY 2048 OR PHY 2053</td>
<td>General Physics 1 OR College Physics 1</td>
<td>4 credits</td>
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<tr>
<td>AND</td>
<td>AND</td>
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<tr>
<td>PHY2048L</td>
<td>General Physics 1 Lab</td>
<td>1 credit</td>
</tr>
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</table>

**Geosciences Electives (18-22 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AST 3110</td>
<td>Solar System Astronomy</td>
<td>3 credits</td>
</tr>
<tr>
<td>ESC 3704</td>
<td>Environmental Issues in Atmospheric and Earth Science</td>
<td>3 credits</td>
</tr>
<tr>
<td>GEO 4280C</td>
<td>Water Resources</td>
<td>3 credits</td>
</tr>
<tr>
<td>GLY 3603C</td>
<td>Paleontology</td>
<td>3 credits</td>
</tr>
<tr>
<td>GLY 4200C</td>
<td>Mineralogy &amp; Crystal Chemistry</td>
<td>4 credits</td>
</tr>
<tr>
<td>GLY 4241</td>
<td>Environmental Geochemistry</td>
<td>3 credits</td>
</tr>
<tr>
<td>GLY 4310C</td>
<td>Petrology of Igneous and Metamorphic Rocks</td>
<td>4 credits</td>
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<tr>
<td>GLY 4400C</td>
<td>Structural Geology</td>
<td>4 credits</td>
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<tr>
<td>GLY 4500C</td>
<td>Stratigraphy and Sedimentation</td>
<td>4 credits</td>
</tr>
<tr>
<td>GLY 3730</td>
<td>Coastal &amp; Marine Science</td>
<td>3 credits</td>
</tr>
<tr>
<td>GLY 4700C</td>
<td>Geomorphology</td>
<td>3 credits</td>
</tr>
<tr>
<td>GLY 4822</td>
<td>Hydrogeology</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

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