### FOUNDATIONS OF WRITTEN COMMUNICATION
(6 credit hours required – Writing Across the Curriculum - WAC)
Grade of “C” or higher is required in each course

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101</td>
<td>College Writing I (Required)</td>
<td></td>
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<tr>
<td>ENC 1102</td>
<td>College Writing II +</td>
<td></td>
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</tbody>
</table>

**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**
- 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

**Group B**
- ANT 2511 & L Intro to Biological Anthropology (4 cr. w/ Lab)
- ETG 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 Weather, Climate & Climate Change
- PSC 2121 Physical Science

*(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 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
- ECO 2023 Microeconomic Principles
- POS 2041 Government of the United States
- PSY 1012 Introduction to Psychology
- SYG 1000 Sociological Perspectives

**Group B**
- AMH 2010 & D United States History to 1877
- CCJ 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 2010 Social Problems
- URP 2051 Designing the City

*◊ Civic Literacy Requirement ◊*
[https://www.fau.edu/ugstudies/civic-literacy-requirement/](https://www.fau.edu/ugstudies/civic-literacy-requirement/)
Beginning in Summer 2021, Florida Legislature amended the statute and now requires students to complete both a civic literacy course (AMH 2020 or POS 2041) and an assessment exam.
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
_____ INR 2002 ........ Introduction to World Politics
_____ JST 2452 .......... Global Jewish Communities Ω
_____ LAS 2000 .......... Intro to Caribbean & Latin American Studies
_____ LIN 2607 .......... Global Perspectives on Language
_____ MAR 2142 .......... Culture, Consumers and the Global Marketplace Ξ
_____ MUH 2121 .......... Music in Global Society Ω
_____ POT 2000 .......... Global Political Theory
_____ SOW 1005 .......... Global Perspectives of Social Services
_____ SOW 1130 .......... Race and Cultural Inclusion in Social Work
_____ WOH 2012 & D ...... 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 2100 .......... 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) ++ Ω
_____ SPC 2608 .......... Public Speaking ±

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.
**  - MAC 2233 is a prerequisite 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).
±  - Starting Spring 2022
Ω  - Starting Spring 2023
Ξ  - Starting Fall 2023
◊  - See information box regarding Civic Literacy Requirement

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 math 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: ANT 2000, PHI 2010, WOH 2012, LIT 2010, LIT 2030, LIT 2040, LIT 2070 or LIT 2931. See advisor for additional details.

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.

Advising Information

Incoming Freshman & Transfer Students w/ less than 30 credits contact:
University Advising Services (UAS)
Phone: (561) 297 – 3064
Email: Advisingservices@fau.edu

Transfer students with more than 30 credits contact:
Division of Engineering Student Services & Advising (DESSA)
Phone: (561) 297 – 2780
Website: https://www.fau.edu/engineering/dessa/organization/

Credit Summary – IFP/Major Core/College Requirements/Electives

<table>
<thead>
<tr>
<th>Credits</th>
<th>Description</th>
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<tbody>
<tr>
<td>36</td>
<td>Intellectual Foundations Program</td>
</tr>
<tr>
<td>48</td>
<td>Data Science in Engineering Required Courses</td>
</tr>
<tr>
<td>36</td>
<td>Data Science Electives or Free Electives (Free electives are courses in any college, any department needed to meet the 120 credits required for graduation).</td>
</tr>
<tr>
<td>120</td>
<td>TOTAL</td>
</tr>
</tbody>
</table>

University Advising Services

May 22, 2023