FLORIDA ATLANTIC UNIVERSITY – INTELLECTUAL FOUNDATION PROGRAM 2018 – 2019
All courses are three (3) credits unless otherwise indicated. Course selections should be made in consultation with an academic advisor.


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.

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>
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| Biology Department **** | Geography Department ****
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<tbody>
<tr>
<td>BSC 1010 &amp; L &amp; D Biological Principles (4 cr. Incl. Lab &amp; Dis)</td>
<td>GLY 2010C Physical Geol. (4 cr. incl. Lab)</td>
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<tr>
<td>Chemistry Department</td>
<td>Physics Department ****</td>
</tr>
<tr>
<td>CHM 2045 &amp; L (Required) ****</td>
<td>PHY 2049 &amp; L (Required) ****</td>
</tr>
<tr>
<td>General Chemistry 1 (4 cr. Incl. Lab) §</td>
<td>General Physics 1 (4 or 5 credits incl. Lab) **</td>
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<tr>
<td>Physics Department</td>
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<tr>
<td>PHY 2048 &amp; L (Required) ****</td>
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<tr>
<td>General Physics 1 (4 or 5 credits incl. Lab) **</td>
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*** SEE SCIENCE REQUIREMENTS BY MAJOR ON PAGE 3

(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 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>
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<tbody>
<tr>
<td>MGF 1106...... Math for Liberal Arts 1</td>
<td>MAC 1140...... Precalculus Algebra</td>
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<td>MGF 1107...... Math for Liberal Arts 2</td>
<td>MAC 1114...... Trigonometry</td>
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<tr>
<td>MAC 1105...... College Algebra</td>
<td>MAC 1147...... Precalculus Algebra &amp; Trigonometry (5 credits)</td>
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<tr>
<td>MAC 2311...... Calculus with Analytic Geometry 1 (4 credits) (Required)</td>
<td>MAC 2233...... Methods of Calculus</td>
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</table>

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

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.

<table>
<thead>
<tr>
<th>Group A</th>
<th>Group B</th>
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<tbody>
<tr>
<td>AMH 2020 &amp; D ................ United States History Since 1877 (P/F)</td>
<td>AMH 2010 &amp; D ........ United States History to 1877 (P/F)</td>
</tr>
<tr>
<td>ANT 2000 &amp; D .................. Introduction to Anthropology</td>
<td>ECO 2013......................... Macroeconomic Principles §</td>
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<tr>
<td>ECO 2023 ................. Microeconomic Principles §</td>
<td>POS 2041......................... Government of the United States</td>
</tr>
<tr>
<td>ECP 2002 ................. Contemporary Economic Issues</td>
<td>PSY 1012......................... Introduction to Psychology</td>
</tr>
<tr>
<td>EEX 2091 ................. Disability and Society</td>
<td>SYG 1000................. Sociological Perspectives</td>
</tr>
<tr>
<td>EVR 2017 ................. Environment and Society</td>
<td>AMH 2010 &amp; D ........ United States History to 1877 (P/F)</td>
</tr>
</tbody>
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Public Administration Department
___ PAD 2258................. Changing Environment of Soc., Bus., & Gov’t

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

Languages, Linguistics, & Comparative Literature Department
___ LIN 2001 ..Introduction to Language (online course)

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

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

University Advising Services July 20, 2018 P a g e | 1
**STUDENTS ASSUME RESPONSIBILITY FOR MEETING ALL GRADUATION REQUIREMENTS**

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

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**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, take General Physics 1 Lab (PHY 2048 Lab).

*** = MAC 1105 and MAC 1114 are prerequisites for this course. If a lab is needed, 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.

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**WAC 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.

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**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.

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**Go to MyFAU to:**

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

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http://myfau.fau.edu
MAJOR REQUIREMENTS
(All required major courses must earn a “C” or better)
Engineering students must stick to the core curriculum.

___ EGN 1002 & L  
Fundamentals of Engineering [Must be taken freshman year] (NOT required for Computer Science majors)

**** SCIENCE REQUIREMENTS BY MAJOR
(All required science courses must earn a “C” or better)

Civil, Electrical, Environmental, Geomatics, Mechanical, Ocean, and Computer Engineering:
___ CHM 2045 & L........ General Chemistry 1 (4 cr. w/Lab) ‡ (REQUIRED)
___ PHY 2048 & L........ General Physics 1 (4 or 5 cr. w/ Lab) ** (REQUIRED)
___ PHY 2049 & L........ General Physics 2 (4 or 5 cr. w/ Lab) (REQUIRED) or PHY 2044 & L...PHYSICS FOR ENGINEERS 2 (4 cr. w/ Lab)

Civil Engineering majors must also choose 1 from:
___ BSC 1010 & L & D...Biological Principles (4 credits including Lab & Discussion)
___ GLY 2010C..................Physical Geology (4 cr. including Lab) (RECOMMENDED)

Environmental Engineering majors must also choose:
___ CHM 2046 & Lab...General Chemistry 2 (4 cr. w/Lab) ‡ (REQUIRED)

Computer Science:
___ PHY 2048 & L........ General Physics 1 (4 or 5 cr. w/ Lab) ** (REQUIRED)
___ PHY 2049 & L........ General Physics 2 (4 or 5 cr. w/ Lab) (REQUIRED) or PHY 2044 & L...... PHYSICS FOR ENGINEERS 2 (4 cr. w/ Lab)

Computer Science majors must also choose 1 from:
___ CHM 2045 & L........ General Chemistry 1 (4 cr. w/Lab) ‡
___ BSC 1010 & L & D...Biological Principles (4 credits including Lab & Discussion)
___ GLY 2010C..................Physical Geology (4 cr. including Lab)

REQUIREMENT INFORMATION

NOTE: All Engineering and Computer Science students should take Physics I (PHY 2048 & PHY 2048L) with Calculus II (MAC 2312) in the same semester.

NOTE: Students must receive a minimum grade of “C” in the courses below:

- Electrical and Computer Engineering:  MAC 2311 & MAC 2312 & PHY 2043 or PHY 2048
- Ocean, Mechanical, Civil, Environmental & Geomatics Engineering: MAC 2311 & PHY 2043 or PHY 2048
- Computer Science: COP 2220 & MAC 1140 & MAC 1114 or COP 2220 & MAC 1147
- Geomatics: SUR2101 & SUR 2101 Lab and MAC 1140 and MAC 1114 or MAC 1147

Incoming Freshman and students transferring with less than 30 credits contact:
University Advising Services
Phone: (561) 297-3064
Email address: advisingservices@fau.edu

Transfer students or students with more than 30 credits contact:
College of Engineering & Computer Science
Phone: (561) 297-2780
Email address: engineering-advising@fau.edu