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

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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  
___ BSC 1005 & L  
___ Life Science (3 cr. incl. Lab)  
___ BSC 2085 & L  
___ Anatomy & Physiology 1 (4 cr. Incl. Lab) *  
| Chemistry Department  
___ CHM 1020C  
Contemporary Chemical Issues  
| Geosciences Department  
___ ESC 2000 Blue Planet *(online)*  
___ EVR 1001  
___ Env. Science and Sustainability  
| Physics Department  
___ AST 2002  
Intro. to Astronomy *(P/F)*  
| Biology Department  
___ BSC 1010 & L & D  
Biological Principles  
(4 cr. Incl. Lab & Dis)  
| Chemistry Department  
___ CHM 2045 & L *(Required)***  
___ General Chemistry 1 (4 cr. Incl. Lab) ‡  
| Physics Department  
___ PHY 2048 & L *(Required)***  
___ General Physics 1  
(4 or 5 credits incl. Lab) **  
___ PHY 2053  
___ College Physics 1 (4 credits)  
| Biology Department  
___ BSC 1011 & L & D  
Biodiversity (4 cr. Incl Lab & Dis)  
| Physics Department  
___ PHY 2049 & L *(Required)***  
___ General Physics 1  
(4 or 5 credits incl. Lab) **  

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*** SEE SCIENCE REQUIREMENTS BY MAJOR ON PAGE 3 ***

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**FOUNDATIONS OF SCIENCE REQUIREMENTS BY MAJOR ON PAGE 3**
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.
*  - 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.

P/F
Certain designated undergraduate courses may be taken for a letter grade of “P” or “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
FOREIGN LANGUAGE (0 credits) – **NOT REQUIRED FOR MAJOR**

**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)

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

**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) |

<table>
<thead>
<tr>
<th>Computer Science:</th>
</tr>
</thead>
<tbody>
<tr>
<td>___ PHY 2048 &amp; L....... General Physics 1 (5 cr. w/ Lab) ** (REQUIRED)</td>
</tr>
<tr>
<td>___ PHY 2049 &amp; L....... General Physics 2 (5 cr. w/ Lab) ** (REQUIRED) or PHY 2044 &amp; L...... PHYSICS FOR ENGINEERS 2 (4 cr. w/ Lab)</td>
</tr>
</tbody>
</table>

**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