# Foundations of Written Communication

(6 credit hours required – Writing Across the Curriculum - WAC)

- ENC 1101 College Writing I (Required)
- ENC 1102 College Writing II

**THE FOLLOWING COURSES BELOW MAY BE SUBSTITUTED FOR ENC 1102:**

- ENC 2452 Honors Composition for Science (Required)
- ENC 1939 Special Topic: College Writing (Permit Only)
- ENC 1930 University Honors Seminar in Writing (Permit Only)

**English Department**

- ENC 1930+ University Honors Seminar in Writing (Permit Only)
- ENC 1939+ 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.

### Group A

- Biology Department
  - BSC 1005 & L
  - BSC 2085 & L
  - BSC 1011 & L & D
  - PHY 2048 & L

- Chemistry Department
  - CHM 1020C Contemporary Chemical Issues
  - ECP 2002 Contemporary Economic Issues

- Geosciences Department
  - ESC 2000 The Blue Planet (online)
  - MAC 2210 Intro. Calculus w/Applications (4 credits)

- Physics Department
  - AST 2002 Intro. to Astronomy (P/F)

- Geography
  - GEOGRAPHY

### Group B

- Biology Department
  - BSC 1010 & D Biological Principles (4 cr. Incl. Lab & Dis)
  - BSC 1011 & D

- Chemistry Department
  - CHM 2032 & L

- Geosciences Department
  - GLY 2100 History of Earth and Life

- Physics Department
  - GLY 2010C
  - PHY 2053
  - PHY 2048 & L

- Anthropology Department
  - ANT 2511 Intro. to Biological Anthropology

- Chemistry Department
  - CHM 2032 & L

- Geosciences Department
  - GLY 2010C

- History
  - HIS 2050 Writing History

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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**

### Group A

- MAC 1105 College Algebra
- MAC 2311 Calc. w/Analytic Geometry 1 (4 cr.)

### Group B

- MAC 1141 Precalculus Algebra
- MAC 1147 Precalculus Algebra & Trigonometry (5 credits)
- MAC 2210 Intro. Calculus w/Applications (4 credits) (Permit Only)
- MAC 2233 Methods of Calculus

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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 2020 & D United States History Since 1877 (P/F)

- Anthropology Department
  - ANT 2000 & D Introduction to Anthropology

- Economics Department
  - ECO 2013 Microeconomic 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 §

- Exceptional Student Education Department
  - EEX 2091 Disability and Society

- Geosciences Department
  - GLY 2010C History of Earth and Life

- Languages, Linguistics, & Comparative Literature Department
  - LIN 2003 Introduction to Language (online course)

- Public Administration Department
  - PAD 2258 Changing Environment of Soc., Bus., & Gov't

- Sociology Department
  - SYG 2010 Social Problems

- Urban & Regional Planning Department
  - URP 2051 Designing the City

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**Note:** 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>
<tbody>
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<tr>
<td>Economics Department</td>
<td>Economics Department</td>
</tr>
<tr>
<td>Political Science Department</td>
<td>Political Science Department</td>
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<tr>
<td>Psychology Department</td>
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<tr>
<td>Sociology Department</td>
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</tbody>
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**Required:**

- MAC 1114 Trigonometry
- MAC 1147 Precalculus Algebra & Trigonometry (5 credits)
- MAC 2210 Intro. Calculus w/Applications (4 credits) (Permit Only)
- MAC 2233 Methods of Calculus
- MAC 2312 Calc. w/Analytic Geometry 2 (4 cr.)
- MAC 2311 Calc. w/Analytic Geometry 1 (4 cr.)
- MAC 1105 College Algebra
- MAC 1141 Precalculus Algebra

**Note:** 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.

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<tr>
<th>Foundations of Written Communication</th>
<th>Foundations of Mathematics &amp; Quantitative Reasoning</th>
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**Note:** Student must take four Writing-Across-the-Curriculum (WAC) courses, two of which must be taken from Foundations of Written Communication.
**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, 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.

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**§ 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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**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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Go to MyFAU:

- Check e-mail
- See FAU Announcements

https://myfau.fau.edu/
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>
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<tbody>
<tr>
<td>40 - 44 credits</td>
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<tr>
<td>43 - 44 credits</td>
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<tr>
<td>5 - 15 credits</td>
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<tr>
<td>17 - 22 credits</td>
</tr>
<tr>
<td><strong>120 CREDITS</strong></td>
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</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, and
2. No major course can be taken pass/fail.

Minors are available in this major -- see the catalog for details. All course selections should be made in consultation with an advisor.
# MAJOR COURSES, COLLEGE REQUIREMENTS and ELECTIVES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEA 2000</td>
<td>World Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEA 2200C</td>
<td>Intro to Physical Geography</td>
<td>3</td>
</tr>
<tr>
<td>MET 2010</td>
<td>Weather and Climate</td>
<td>3</td>
</tr>
<tr>
<td>STA 2023</td>
<td>Introductory Statistics</td>
<td>3</td>
</tr>
<tr>
<td>GIS 3015C</td>
<td>Introduction to Mapping and GIS</td>
<td>3</td>
</tr>
<tr>
<td>GEO 4022</td>
<td>Quantitative Methods</td>
<td>3</td>
</tr>
<tr>
<td>GEO 4920</td>
<td>Geosciences Colloquium</td>
<td>1</td>
</tr>
<tr>
<td>GEA 4275</td>
<td>Human-Env Interactions SFLA</td>
<td>3</td>
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</tbody>
</table>

## Areas of Emphasis

### Environmental Systems

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESC 2000</td>
<td>The Blue Planet</td>
<td>3</td>
</tr>
<tr>
<td>ESC 3704</td>
<td>Environmental Issues in Atmospheric and Earth Science</td>
<td>3</td>
</tr>
<tr>
<td>GEO 4280C</td>
<td>Water Resources</td>
<td>3</td>
</tr>
<tr>
<td>GEO 4300</td>
<td>Biogeography</td>
<td>3</td>
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<tr>
<td>GLY 2010C</td>
<td>Phys. Geology/Evolution of the Earth</td>
<td>4</td>
</tr>
<tr>
<td>GLY 2100</td>
<td>History of Earth &amp; Life</td>
<td>3</td>
</tr>
<tr>
<td>GLY 3730</td>
<td>Coastal &amp; Marine Science</td>
<td>3</td>
</tr>
<tr>
<td>GLY 4700C</td>
<td>Coastal &amp; Marine Science</td>
<td>3</td>
</tr>
<tr>
<td>GLY 4822</td>
<td>Hydrogeology</td>
<td>3</td>
</tr>
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</table>

### Human Systems

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>GEA 4405</td>
<td>Geography of Latin America</td>
<td>3</td>
</tr>
<tr>
<td>GEA 4500</td>
<td>Europe</td>
<td>3</td>
</tr>
<tr>
<td>GEO 4422</td>
<td>American Cultural Landscape</td>
<td>3</td>
</tr>
<tr>
<td>GEO 4542</td>
<td>Tourism &amp; Commercial Rec.</td>
<td>3</td>
</tr>
<tr>
<td>GEO 4602</td>
<td>Urban Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEO 4700</td>
<td>Transportation &amp; Spatial Org</td>
<td>3</td>
</tr>
</tbody>
</table>

### GISciences

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO 4167C</td>
<td>Spatial Data Analysis</td>
<td>3</td>
</tr>
<tr>
<td>GIS 4021C</td>
<td>Photogrammetry &amp; Aerial Interpretation</td>
<td>3</td>
</tr>
<tr>
<td>GIS 4035C</td>
<td>Remote Sensing of Env</td>
<td>3</td>
</tr>
<tr>
<td>GIS 4037C</td>
<td>Digital Image Analysis</td>
<td>3</td>
</tr>
<tr>
<td>GIS 4043C</td>
<td>Principles of GIS</td>
<td>3</td>
</tr>
<tr>
<td>GIS 4048C</td>
<td>Applications in GIS</td>
<td>3</td>
</tr>
<tr>
<td>GIS 4102C</td>
<td>Programming in GIS</td>
<td>3</td>
</tr>
<tr>
<td>GIS 4138C</td>
<td>Geovisualization and GIS</td>
<td>3</td>
</tr>
<tr>
<td>GLY 4832C</td>
<td>Intro to Hydrogeology &amp; Aquifer Test</td>
<td>3</td>
</tr>
</tbody>
</table>

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