## 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 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.

**Group A**
- **MAC 1105** ..... College Algebra
- **MAC 2311** ..... Calculus with Analytic Geometry 1 (4 credits) ***
- or any mathematics course for which one of the above courses is the direct prerequisite

**Group B**
- **COP 1031C** ... Computer Programming & Data Literacy for Everyone (For Non-College Engineering & Computer Science majors)
- **MAC 1147** ..... Precalculus Algebra & Trigonometry (4 credits)
- **MAC 2210** ..... Intro Calculus w/Applications (4 credits) (Permit Only)
- **MAC 2233** ..... Methods of Calculus
- **MAC 2241** ..... Life Science Calculus 1 (4 credits) ***
- **MAC 2312** ..... Calculus with Analytic Geometry 2 (4 credits)
- **PHI 2102** ......... Logic

***Must Select One - Please discuss your math selection with your academic advisor.

## 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**
- **BSC 1010 & L & D** (Required)
  - Biological Principles
  - (4 cr. Incl. Lab & Dis)
- **CHM 2045 & L** (Required)
  - General Chemistry 1
  - (4 cr. Incl. Lab) ‡

**Group B**
- **BSC 1011 & L & D** (Required)
  - Biodiversity (4 cr. incl Lab & Dis)
- **PHY 2048 & L** General Physics 1
  - (5 credits incl. Lab) *
- **PHY 2053 College Physics 1**
  - (5 credits incl. Lab) **

**Required: select one below**
- **PHY 2048 & L** General Physics 1
  - (5 credits incl. Lab) *
- **PHY 2053 College Physics 1**
  - (5 credits incl. Lab) **

(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 §
- **POS 2041** .......... Government of the United States ◊
- **PSY 1012** .......... Introduction to Psychology (see note below)
- **SYG 1000** .......... Sociological Perspectives
  - (Recommended for pre-health-related majors)

**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
- **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

Note: A required course to take PSY 3234 per the University catalog.
**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  
- LAS 2000 .......... Intro to Caribbean & Latin American Studies  
- LIN 2607 .......... Global Perspectives on Language  
- MUH 2121 .......... Music in Global Society  
- POT 2000 .......... Global Political Theory  
- SYP 2450 .......... Global Society  
- 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 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 2391 .......... 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.  
** 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  
◊ See information box below 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 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, LIT 2070 and LIT 2391. See advisor for additional details.

**Educational 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.*  

**https://myfau.fau.edu**  
Go to MyFAU to:  
- Check e-mail  
- See FAU Announcements  
- Course schedules  
- Registration (drop/add classes) and withdrawals  
- Student records and financial aid  
- Tuition payments  
- The University Course Catalog

**https://www.fau.edu/ugstudies/civic-literacy-requirement/**  
Beginning in Fall 2018, students entering a Florida public institution as a degree-seeking student for the first time needs to demonstrate civic literacy through either taking a certain course (AMH 2020 or POS 2041) or passing an assessment exam. 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.
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, and 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.

NOTE: See catalog for specific requirements, course descriptions, and additional information. The requirements for some Intellectual Foundations Program (IFP) courses & other courses may be satisfied by passing the appropriate AP or CLEP exam. Check with your advisor and college.

The Charles E. Schmidt College of Science Biology department has the following requirements (per the University catalog):

1. A student must earn a “C-” or better in all biology AND cognate courses taken as part of the requirements for an undergraduate degree in Biological Sciences. However, students must earn a “C” in chemistry courses.
2. Any course work in the major field transferred from another institution must be approved by the major dept.
3. The maximum amount of credit which may be earned through co-op is 10 credits; some departments allow some of these credits to substitute for major courses, check with department for specifics.
4. The Department of Biological Sciences offers an Honors Thesis Program that recognizes research accomplishments of talented undergraduates. Eligible students must have a minimum of 20 credits in biology and an overall GPA of 3.2. Students usually begin the program in their sophomore or junior year and conduct independent supervised research during their junior and senior years. A written paper and a seminar describing the results of their research are required in the senior year. Students who meet the eligibility criteria must apply and be accepted to the program. To enroll in the below Honors Program courses which can be used as biology elective courses. Interested students should contact the faculty member whose research interests are closest to those the student wishes to pursue and see http://biology.fau.edu/academics/undergraduate/research.php for more information.
**B.S. DEGREE**

**Required Courses (Biology Core): 63 - 64 credits**

- BSC 1011 & L & D: Biodiversity and Lab & Disc: 4 cr – as indicated on first page
- BSC 1010 & L & D: Biological Principles and Lab & Disc: 4 cr
- CHM 2045 & L: General Chemistry I and Lab: 4 cr – (Chemistry courses require a “C” or better)
- CHM 2046 & L: General Chemistry II and Lab: 4 cr - (Requires a “C” or better)
- CHM 2210 & D: Organic Chemistry I: 3 cr - (Requires a “C” or better)
- CHM 2211: Organic Chemistry II: 3 cr - (Requires a “C” or better)
- CHM 221L: Organic Chemistry II Lab: 2 cr - (Requires a “C” or better)
- BCH 3033: Biochemistry I
- MAC 2241: Life Science Calculus: 4 cr
- MAC 2311: Calculus with Analytic Geometry: 4 cr
- PHY 2053: College Physics I: 4 cr - Prerequisite of a “C” in one of these courses: MAC 1114/1147/2233/2311
- PHY 2048L: General Physics I Lab: 1 cr
- PHY 2048L: General Physics I: 4 cr - Prerequisite of a “C” in MAC 2311 per the University catalog
- PHY 2049L: General Physics II Lab: 1 cr
- PHY 2049: General Physics II: 4 cr
- STA 3173: Introduction to Biostatistics: 3 cr - prerequisite: MAC 2233 per the University catalog
- PSY 3234: Exp. Design & Stat. Inference: 3 cr - prerequisite: PSY 1012 per the University catalog
- PCB 3063: Genetics: 4 cr.
- PCB 3023: Cell Biology: 3 cr
- MCB 3020 & Lab: General Microbiology and lab: 4 cr
- PCB 3703 & Lab: Human Morphology and Function 1 and Lab: 4 cr.
- PCB 4723 & Lab: Comparative Animal Physiology and Lab: 4 cr.
- PCB 3704 & Lab: Human Morphology and Function 2 and Lab: 4 cr.
- ZOO 4690 & Lab: Vertebrate Structure Dev. & Evolution w/Lab: 5 cr.

**Biology electives** (select 12 credits Upper Division): Please note you must have course prerequisite(s) completed - (H) – Honors Research Program Courses

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<tr>
<th>Biochemistry 2 or Biochemistry Lab</th>
<th>BCH 3034 or BCH 3103L</th>
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<tr>
<td>Molecular Genetics of Aging</td>
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<td>Laboratory Methods in Biotechnology</td>
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<td>Biology of Cancer</td>
<td>BSC 4806</td>
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<td>Directed Independent Research in Biological Sciences ***</td>
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<td>Special Topics</td>
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<td>Comparative Animal Behavior</td>
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<td>Introduction to Drug Design</td>
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43-47 credits Intellectual Foundations Program and Foreign Language
51-52 credits Biology Core
12 credits Biology Electives
10-13 credits Free Electives – (8 credits must be upper-division)

120 CREDITS TOTAL (45 credits at upper division minimum)