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 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 **** Biological Principles (4 cr. incl. Lab)
___ CHM 2045 & L **** General Chemistry 1 (4 cr. incl. Lab) §
___ PHY 2048 & L **** General Physics 1 (4 or 5 credits incl. Lab) *

Group B
___ GLY 2010C & D **** Physical Geol. (4 cr. incl. Lab)
___ PHY 2049 & L **** General Physics 2 (4 or 5 credits incl. Lab)

Foundations of Science & the Natural World

Group B
___ 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
___ 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/

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.

(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.

**** SEE SCIENCE REQUIREMENTS BY MAJOR ON PAGE 3 & 4

University Advising Services August 4, 2023
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 ⊷
____ MUH 2121............. Music in Global Society Ω
____ 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

$ Writing Across the Curriculum (WAC)/Gordon Rule
Students must take four (4) WAC courses. Must earn a "C" or better.
Required: ENC1101 & ENC1102 or allowable substitute.
We recommend 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.

Requirement Information
NOTE: All Engineering 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 in no more than two attempts to complete Pre-Professional requirements:

- Electrical, Ocean, Mechanical, Civil, Environmental, & Computer Engineering: MAC 2311 & PHY 2048
- Computer Science & Geomatics: MAC 2311

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
Η - Starting Fall 2023
◊ - See information box below regarding Civic Literacy Requirement
WAC - (WAC) Writing across the curriculum course.

Advising Information
First-Year & Transfer Students w/ less than 30 credits contact:
University Advising Services (UAS)
Phone: (561) 297 – 3064
Email: Advisingservices@fau.edu
Website: www.fau.edu/uas

Transfer students with more than 30 credits contact:
Division of Engineering Student Services & Advising (DESSA)
Phone: (561) 297 – 2780
Website: www.fau.edu/engineering/dessa/organization/
MAJOR REQUIREMENTS
(All required courses must earn a “C” or better)
Engineering students must stick to the core curriculum.

EGN 1002 & D Fundamentals of Engineering [Must be taken freshman year] (NOT required for Computer Science majors)
COP 2220 Programming 1 [Must be taken freshman year] (ONLY required for Computer Science/Engineering majors)

**** SCIENCE REQUIREMENTS BY MAJOR

**Civil Engineering**
**REQUIRED**
- CHM 2045 & L General Chemistry 1 (4 cr. w/Lab) *
- PHY 2048 & L General Physics 1 (4 or 5 cr. w/Lab) *

And must also choose ONE of the following from Science 1:
- BSC 1010 & L Biological Principles (4 credits including Lab) **
- GLY 2010C & D Physical Geology (4 cr. including Lab) (RECOMMENDED)

And must also choose ONE of the following from Science 2:
- BSC 1010 & L Biological Principles (4 credits including Lab)**
- GLY 2010C & D Physical Geology (4 cr. including Lab) **
- CHM 2046 & L General Chemistry 2 (4 cr. w/Lab) *

**May not be used to satisfy Science 2 if used to satisfy Science 1**

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

**Computer Science**
Choose TWO of the following:
- CHM 2045 & L General Chemistry 1 (4 cr. w/Lab) *
- BSC 1010 & L Biological Principles (4 credits including Lab) **
- GLY 2010C & D Physical Geology (4 cr. including Lab) (RECOMMENDED)
- PHY 2048 & L General Physics 1 (4 or 5 cr. w/ Lab)
- PHY 2049 & L General Physics 2 (4 or 5 cr. w/ Lab) or PHY 2044 & L PHYSICS FOR ENGINEERS 2 (4 cr. w/ Lab)

**Electrical Engineering**
**REQUIRED**
- PHY 2048 & L General Physics 1 (4 or 5 cr. w/ Lab) *
- PHY 2049 & L General Physics 2 (4 or 5 cr. w/ Lab) or PHY 2044 & L PHYSICS FOR ENGINEERS 2 (4 cr. w/ Lab)

**Environmental Engineering**
**REQUIRED**
- CHM 2045 & L General Chemistry 1 (4 cr. w/Lab) *
- CHM 2046 & L General Chemistry 2 (4 cr. w/Lab) *
- PHY 2048 & L General Physics 1 (4 or 5 cr. w/ Lab) *

And must also choose ONE of the following:
- BSC 1010 & L Biological Principles (4 credits including Lab)
- BSC 1011 & L Biodiversity (4 credits including Lab)

And must also choose ONE of the following:
- GEO 2200C Intro to Physical Geography
- GLY 2010C & D Physical Geology (4 cr. including Lab)
# Geomatics Engineering

**REQUIRED**
- **PHY 2048 & L** General Physics 1 (4 or 5 cr. w/ Lab) *
- **GEO 2200C** Intro to Physical Geography

And must also choose ONE of the following:
- **CHM 2045 & L** General Chemistry 1 (4 cr. w/Lab) ‡
- **GLY 2010C & D** Physical Geology (4 cr. including Lab)

And must also choose TWO of the following:
- **ANT 2511 & L** Intro to Biological Anthropology (4 credits w/Lab)
- **BSC 1010 & L** Biological Principles (4 credits w/Lab)
- **BSC 1011 & L** Biodiversity (4 credits w/Lab)
- **BSC 2085 & L** Anatomy & Physiology 1 (4 credits including Lab)
- **CHM 2045 & L** General Chemistry 1 (4 cr. w/Lab) ‡ **
- **CHM 2032 & L** Chemistry for Health Sciences (4 cr. w/Lab)
- **GLY 2010C & D** Physical Geology (4 cr. including Lab) **
- **PHY 2053 & L** College Physics 1 (4 credits w/ Lab)

# Mechanical Engineering

**REQUIRED**
- **CHM 2045 & L** General Chemistry 1 (4 cr. w/Lab) ‡
- **PHY 2048 & L** General Physics 1 (4 or 5 cr. w/ Lab) *
- **PHY 2049 & L** General Physics 2 (4 or 5 cr. w/ Lab) or **PHY 2044 & L** PHYSICS FOR ENGINEERS 2 (4 cr. w/ Lab)

# Ocean Engineering

**REQUIRED**
- **CHM 2045 & L** General Chemistry 1 (4 cr. w/Lab) ‡
- **PHY 2048 & L** General Physics 1 (4 or 5 cr. w/ Lab) *
- **PHY 2049 & L** General Physics 2 (4 or 5 cr. w/ Lab) or **PHY 2044 & L** PHYSICS FOR ENGINEERS 2 (4 cr. w/ Lab)