

BACHELOR OF ARTS IN COMPUTER SCIENCE (2022-2023)

College of Engineering and Computer Science

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)
- ___ STA2023 Introductory Statistics **(Required)**

Group B

- ___ MAC 2210 Intro Calculus w/Applications (4 credits) **(Permit Only)**
- ___ MAC 2241 Life Science Calculus 1 (4 credits)
- ___ MAC 2233 Methods of Calculus **(Required)**
- ___ MAC 2312 Calculus with Analytic Geometry 2 (4 credits)

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

- ___ AST 2002.....Intro. to Astronomy
- ___ BSC 1005 & L..... Life Science (3 cr. w/Lab)
- ___ CHM 1020C..... Contemp. Chemical Issues
- ___ ESC 2000..... The Blue Planet **(online)**
- ___ EVR 1001 Env. Sci. and Sustainability

Group B

- ___ ANT 2511 & L..... Intro to Biological Anthropology (4 cr. w/ Lab)
- ___ ETG 2831 Nature: Inter. of Sci., Eng., & the Humanities
- ___ GLY 2010C & D..... Physical Geol. (4 cr. w/Lab)
- ___ GLY 2100..... History of Earth and Life
- ___ IDS 2382 Human Mission to Mars
- ___ MET 2010 Weather, Climate and Climate Change
- ___ PSC 2121..... Physical Science

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
- ___ SYG 1000 Sociological Perspectives

Group B

- ___ AMH 2010 & D United States History to 1877
- ___ CCI 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

(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 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
- ___ 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

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 2000Art Appreciation
- ___ MUL 2010.....Music Appreciation
- ___ PHI 2010 & DIntroduction to Philosophy (WAC) ++
- ___ THE 2000Theatre Appreciation

Group B

- ___ ARC 2208Culture & Architecture
- ___ DAN 2100Appreciation of Dance
- ___ FIL 2000 & DFilm Appreciation
- ___ HUM 2471Racism 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 2931.....Special Topics in Literature (WAC) ++ Ω
- ___ SPC 2608Public Speaking ±

STUDENTS ASSUME RESPONSIBILITY FOR MEETING ALL GRADUATION REQUIREMENTS*Course selections should be made in consultation with an academic advisor.***CREDIT SUMMARY - IFP/MAJOR COURSES/COLLEGE REQUIREMENTS/ELECTIVES**

| | |
|--------------------|--|
| 36 Credits | Intellectual Foundations Program |
| 27 Credits | Free Electives (<i>Free electives are courses in any college, any department needed to meet the 120 credits required for graduation.</i>) |
| 39 Credits | BACS Required Courses |
| 18 Credits | Computer Science Electives |
| 120 Credits | TOTAL |

Advising Information**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

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.
- ‡ - 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 take four (4) WAC courses. Must earn a "C" or better.

Required: ENC1101 & ENC1102 or allowable substitute.
Recommend: One (1) WAC from the Global Citizenship Category and one (1) WAC from the Humanities Category.
Additional WAC courses may be available. Please speak with your advisor.

Civic Literacy Requirement<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.