Florida Atlantic University – Computer Science (B.S.) 2026-2027

Students must take 2 of the following courses, 1 must be from group A. The second course may be in group A or group B.

I. Communication

(Group A)

ENC 1101	College Writing I **(WAC)**

Students must complete ENC 1101 and ENC 1102 (or one of the approved substitutes for ENC 1102) with a grade of "C" or higher in each course.

(Group B)

ENC 1102	College Writing II **(WAC)** +
ENC 2135	Research and the Writing Process **(WAC)** + Ω
HIS 2050	Writing History **(WAC)** +
SPC 2608	Public Speaking (non-WAC) **non-substitute**

II. Humanities

(Group A)

ARH 2000	Art Appreciation
HUM 2020	Introduction to Humanities
LIT 2000	Introduction to Literature **(WAC)**
MUL 2010	Music Appreciation
PHI 2010 & D	Introduction to Philosophy **(WAC)** ++
THE 2000	Theatre Appreciation

(Group B)

ARC 2208	Culture & Architecture
ARH 2050	History of Art 1
ARH 2051	History of Art 2
DAN 2100	Appreciation of Dance
FIL 2000 & D	Film Appreciation
LIN 2607	Perspectives on Language
LIT 2010	Interpretation of Fiction **(WAC)** ++
LIT 2030	Interpretation of Poetry **(WAC)** ++
LIT 2040	Interpretation of Drama **(WAC)** ++
LIT 2070	Interp. of Creative Nonfiction **(WAC)** ++
LIT 2100	Introduction to World Literature
MUH 2121	World Music
SPT 2530	Hispanic Culture and Civilization
WOH 2012 & D	History of Civilization 1 **(WAC)** ++
WOH 2022	History of Civilization 2

III. Mathematics

(Group A)

MAC 1105	College Algebra
MAC 2311	Calc. w/Analytic Geom. 1 (4 cr.) **(Required)**

Or any mathematics course for which one of the above general education core course options in Mathematics is the direct prerequisite.

(Group B)

MAC 2210	Intro Calculus w/App. (4 cr.) ***(Permit Only)***
MAC 2233	Methods of Calculus
MAC 2312	Calc. w/Analytic Geom. 2 (4 cr.) **(Required)**

IV. Natural Science

(Group A) & (Group B)

BSC 1010 & L	Biological Principles (4 cr. w/Lab)
CHM 2045 & L	General Chemistry 1 (4 cr. w/Lab) ‡
GLY 2010C & D	Phys. Geol/Evolution of the Earth (4 cr. w/Lab)
PHY 2048 & L	General Physics 1 (5 cr. w/Lab) *
PHY 2044 & L	Physics for Engineers 2 (4 cr. w/Lab)

NOTE: lab for Physics 2 is PHY 2049L

V. Social Sciences

(Group A)

AMH 2010 & D	United States History to 1877 ◊
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

(Group B)

ANT 2100	Introduction to Archaeology Ω
CCJ 2002	Law, Crime & the Criminal Justice System
ECO 2023	Microeconomic Principles
EME 2620	Digital Literacy
EVR 1110	Human Dimensions of Environmental Change
EVR 2017	Environment and Society
GEA 2000	World Geography
INR 2002	Introduction to World Politics
LIN 2001	Introduction to Language (online)
PAD 2081	Risk & Resilience to Natural Hazards
POT 2000	Global Political Theory
SOW 1005	Perspectives of Social Services
SYO 2101	Families in the United States Ω
URP 2051	Designing the City

VI. Additional Enrichment

Choose 6 credits from Humanities, Social Science, Communication, or Natural Science subject areas.

(1) _____ (2) _____

Additional Major Requirements for First- and Second-Year Students (ALL Required Courses)

COP 3035C	Intro to Programming in Python
COT 2000C	Foundations of Computing
CEN 3062C	Introduction to Software Design
COP 3275C	Systems Programming with C++
CDA 3203	Computer Logic Design
MAS 2103	Matrix Theory *
COP 3530C	Data Structures and Algorithm Analysis
CAP 4773	Introduction to Data Science and Analytics

Credit Summary

39 – 40 cr.	**General Education**
63 cr.	**BS Computer Science Core**
18 cr.	**Computer Science Restricted Electives**
120 - 121 cr.	**TOTAL**

LEGEND

+ ENC 1101 is a prerequisite
++ Two Communication courses are required before taking this course.
§ Reserved for Wilkes Honors College & University Honors Program students only.
◊ Please visit FAU's website regarding the Civic Literacy Requirements.
(https://www.fau.edu/ugstudies/civic-literacy-requirement/)
‡ Co-requisite of MAC 1105 or a prerequisite of CHM 1025.
***** MAC 2311 is a prerequisite for this course.
(R) – Recommended
(SR) – Strongly Recommended
The following courses are not offered at FAU but will fulfill this requirement if transferred from another school.
WAC - Writing Across the Curriculum course – minimum grade of "C" required. Students must take four WAC courses.

Important Policies for BS Computer
Math Policies & Math Boot Camp

Students who do not successfully pass a math course on their first attempt (including withdrawals) must complete FAU's Math Boot Camp before enrolling in a second attempt. Math Boot Camp website: https://www.fau.edu/ugstudies/math-boot-camp/. Failing or withdrawing from the second attempt of a math course may result in a mandatory major change outside of the college.

For additional program requirements, contact the Center for Advising and Student Engagement (CASE)
Phone: 561-297-2780
Email: EECSadvising@fau.edu
Website: https://www.fau.edu/engineering/case/