Florida Atlantic University - Physics 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 1147	Precalculus Algebra & Trigonometry (4 cr.)
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)**
MAP 2491	Mathematics for Biological Sciences 1

IV. Natural Science

(Group A)

BSC 1010 & L	Biological Principles (4 cr. w/Lab) **(see note)**
CHM 2045 & L	General Chemistry 1 (4 cr. w/Lab) ‡ **(see note)**
PHY 2048 & L	General Physics 1 (5 cr. w/Lab) * **(Required)**

Or any course in the Natural Science for which one of the above general education core course options in Natural Science is the direct prerequisite. NOTE: at least one course must have a lab from Group A or B.

(Group B)

BSC 1011 & L	Biodiversity (4 cr. w/Lab) **(see note)**

NOTE: must select either both Biology courses or both Chemistry courses – (**BSC 1010 & BSC 1011**) or (**CHM 2045 & CHM 2046**) – **cannot mix biology and chemistry.**

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

Will be satisfied by additional Natural Science required courses.

(1) _____ (2) _____

FOREIGN LANGUAGE (4 - 8 credits) - **REQUIRED** - 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/FRE/GER/HBR/ITA/JPN/LAT/SPN 1121) or a higher-level course. Proficiency in 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 the requirement - see catalog.

NOTE: Native Speakers of a foreign language must consult the Languages, Linguistics, and Comparative Literature Department regarding this requirement.

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.
Ω Offered starting Fall 2026.
◊ 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.
****** MAC 2233 is a prerequisite for this course. If a lab is needed, then take General Physics 1 lab (PHY 2048L).
(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.

NOTE: Honors Seminars SHALL BE ACCEPTED AS MEETING THE WAC/GRWREQUIREMENT. See the University Advising Services Office for details.

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

MAJOR COURSES, COLLEGE REQUIREMENTS, and ELECTIVES

BACHELOR OF ARTS DEGREE (B.A.) IN PHYSICS

BSC 1010 & Lab	Biological Principles w/Lab	4 cr.
&		
BSC 1011 & Lab	Biodiversity w/Lab	4 cr.

-- OR --

CHM 2045 & Lab	Gen. Chemistry 1 w/ Lab	4 cr. **(see note below)**
&		
CHM 2046 & Lab	Gen. Chemistry 2 w/ Lab	4 cr. **(see note below)**
MAC 2311	Calc. w/Analytic Geometry 1	4 cr.
MAC 2312	Calc. w/Analytic Geometry 2	4 cr.
MAC 2313	Calc. w/Analytic Geometry 3	4 cr.
PHY 2048	General Physics 1	4 cr.
PHY 2048L	General Physics 1 Lab	1 cr.
PHY 2049	General Physics 2	4 cr.
PHY 2049L	General Physics 2 Lab	1 cr.
PHY 1090	First Year Physics Seminar	1 cr.

CREDIT SUMMARY

42 – 46 cr.	**General Education Courses and Foreign Language**
35 cr.	**Major Core & Electives**
26 cr.	**Upper Division Restricted Electives**
13 – 17 cr.	**Free Electives**
120 credits	**TOTAL (42 credits at upper division minimum)**

NOTE: Numbers are based on common course selection. Please consult your advisor.

NOTE: Chemistry sequence requires a C or better to take the next course in the sequence. Need a C or better in ALL Physics courses.

BACHELOR OF SCIENCE (B.S.) WITH A MAJOR IN PHYSICS

BSC 1010 & Lab & BSC 1011 & Lab	Biological Principles w/Lab Biodiversity w/Lab	4 cr. 4 cr.

-- OR --

CHM 2045 & Lab & CHM 2046 & Lab	General Chemistry 1 w/ Lab General Chemistry 2 w/ Lab	4 cr. **(see note below)** 4 cr. **(see note below)**
MAC 2311	Calc. w/Analytic Geom. 1	4 cr.
MAC 2312	Calc. w/Analytic Geom. 2	4 cr.
MAC 2313	Calc. w/Analytic Geom. 3	4 cr.
PHY 2048	General Physics 1	4 cr.
PHY 2048L	General Physics 1 Lab	1 cr.
PHY 2049	General Physics 2	4 cr.
PHY 2049L	General Physics 2 Lab	1 cr.
PHY 1090	First Year Physics Seminar	1 cr.

Optional Pre-professional Track (23 credits) - Required Courses

BSC 1011 & L	Biodiversity w/Lab	4 cr.
BSC 1010 & L	Biological Principles w/Lab	4 cr.
CHM 2210	Organic Chemistry I	3 cr. – **CHM 2045 w/lab & CHM 2046 w/lab (prerequisites)**
CHM 2211	Organic Chemistry II	3 cr.
CHM 2211L	Organic Chemistry II Lab	2 cr.

CREDIT SUMMARY

42 – 46 cr.	**General Education Courses and Foreign Language**
55 cr.	**Major Core & Electives**
6 cr.	**Upper Division Restricted Electives**
13 – 17 cr.	**Free Electives**
120 credits	**TOTAL (42 credits at upper division minimum)**

NOTE: Numbers are based on common course selection. Please consult your advisor.

NOTE: Chemistry sequence requires a C or better to take the next course in the sequence. Need a C or better in ALL Physics courses.