

Florida Atlantic University - Physics 2025-2026

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) (Required)**
Or a course with an ENC prefix for ENC 1101 is a direct prerequisite

(Group B)

ENC 1102 College Writing II **(WAC)** +
 HIS 2050 Writing History **(WAC)** +
 SPC 2608 Public Speaking (non-WAC)

II. Humanities

(Group A)

ARH 2000 Art Appreciation
 HUM 2020 Introduction to Humanities
 HUM 2020 Honors Introduction to Humanities §
 LIT 2000 Introduction to Literature
 LIT 2000 Honors Introduction to Literature §
 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
 FIL 2000 Honors 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 Inter 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)

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
 SYG 1000 Sociological Perspectives
 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.
- ♦ 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 & BSC 1011 & Lab	Biological Principles w/Lab Biodiversity w/Lab	4 cr. 4 cr.
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-- OR --

CHM 2045 & Lab & CHM 2046 & Lab	Gen. Chemistry 1 w/ Lab Gen. Chemistry 2 w/ Lab	4 cr. (see note) 4 cr. (see note)
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 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: Chemistry sequence requires a C or better to take the next course in the sequence. Need a C or better in ALL Physics courses.

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

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

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

-- OR --

CHM 2045 & Lab &	General Chemistry 1 w/ Lab	4 cr. (see note)
CHM 2046 & Lab	General Chemistry 2 w/ Lab	4 cr. (see note)
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.

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

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

CREDIT SUMMARY

42 – 46 cr.	General Education 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: Chemistry sequence requires a C or better to take the next course in the sequence. Need a C or better in ALL Physics courses.

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