**Florida Atlantic University - Biology (BA/BS) and Medical Biology 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. with Analytic Geometry 1 (4 cr.) *** |

***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 | Calculus with Analytic Geometry 2 (4 cr.) |
| MAP 2491 | Mathematics for Biological Sciences 1 *** |

### IV. Natural Science

(Group A)

| | |
|---|---|
| BSC 1010 & L | Biological Principles (4 cr. w/Lab) |
| CHM 2045 & L | General Chemistry 1 (4 cr. w/Lab) ‡ |
| PHY 2048 & L | General Physics 1 (5 credits w/Lab) * |
| PHY 2053 & L | College Physics 1 (5 credits w/Lab) ** |

***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) |
| PSC 2121 | Physical Science **(BA only)** |

### 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 |
| SYG 1000 | Sociological Perspectives |
| 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) _____

**FOREIGN LANGUAGE** (4 - 8 credits) – **REQUIRED FOR MAJOR** - 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 this requirement: see the catalog.

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

**Florida Atlantic University - Biology (BA/BS) and Medical Biology 2026-2027**

## 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.
**Ω** Offered starting Fall 2026.
(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).
******* Medical Biology majors must select one of these math courses.
**(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/GRW REQUIREMENT. 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.

The Charles E. Schmidt College of Science Biology department has the following requirements (per the University catalog):

(1) A student must earn a "C-" or better in all biology AND cognate courses taken as part of the requirements for an undergraduate degree in Biological Sciences. However, students must earn a "C" in chemistry courses.
(2) Any coursework in the major field transferred from another institution must be approved by the major dept.
(3) The maximum amount of credit that may be earned through co-op is 10 credits; some departments allow some of these credits to substitute for major courses, check with the department for specifics.
(4) The Department of Biological Sciences offers an Honors Thesis Program that recognizes the research accomplishments of talented undergraduates. Eligible students must have a minimum of 20 credits in biology and an overall GPA of 3.2. Students usually begin the program in their sophomore or junior year and conduct independent supervised research during their junior and senior years. A written paper and a seminar describing the results of their research are required in the senior year. Students who meet the eligibility criteria must apply and be accepted to the program. To enroll in the below Honors Program courses, which can be used as biology elective courses. Interested students should contact the faculty member whose research interests are closest to those the student wishes to pursue and see https://biology.fau.edu/academics/undergraduate/research.php for more information.

### MAJOR COURSES, COLLEGE REQUIREMENTS - B.A. DEGREE

**Required Courses (Biology Core)**: 40 – 43 credits

| | | | | |
|---|---|---|---|---|
| BSC 1019 | Introduction to Biology at FAU | 0 cr. | ← | |
| SLS 1411 | First-Year Interest Group Experience | 1 cr. | ← | **Select at least one of these required courses.** |
| SLS 1501 | Honors Introduction to Academic Life | 2 cr. | ← | |
| BSC 1011 & L | Biodiversity and Lab | 4 cr. | | |
| BSC 1010 & L | Biological Principles and Lab | 4 cr. | | |
| CHM 2045 & L | General Chemistry I and Lab | 4 cr. | | (All chemistry courses require a "C" or better) |
| CHM 2046 & L | General Chemistry II and Lab | 4 cr. | | (All chemistry courses require a "C" or better) |
| CHM 2210 & D | Organic Chemistry I | 3 cr. | | (All chemistry courses require a "C" or better) |
| CHM 2211 | Organic Chemistry II | 3 cr. | | (All chemistry courses require a "C" or better) |
| PSC 2121 | Physical Science | 3 cr. | | |
| **or** | | | | |
| PHY 2053 | College Physics | 4 cr. | | |
| MAC 2233 | Methods of Calculus | 3 cr. | | |

| | |
|---|---|
| **41 - 45 cr.** | **General Education and Foreign Language** |
| **46 cr.** | **Biology Core & Electives** |
| **14 cr.** | **Upper-division General Electives** |
| **15 - 19 cr.** | **Free Electives** |
| **120 credits** | **TOTAL (42 credits at upper division minimum)** |

**Florida Atlantic University – Biology (BA/BS) and Medical Biology 2026-2027**
**MAJOR COURSES, COLLEGE REQUIREMENTS - B.S. DEGREE**

| | | | |
|---|---|---|---|
| **Required Courses (Biology Core):** 51 – 54 credits | | | |
| BSC 1019 | Introduction to Biology at FAU | 0 cr. | ← |
| SLS 1411 | First-Year Interest Group Experience | 1 cr. | ← **Select at least one of these required courses** |
| SLS 1501 | Honors Introduction to Academic Life | 2 cr. | ← |
| BSC 1011 & L | Biodiversity and Lab | 4 cr. | |
| BSC 1010 & L | Biological Principles and Lab | 4 cr. | |
| CHM 2045 & L | General Chemistry I and Lab | 4 cr. | (All chemistry courses require a "C" or better) |
| CHM 2046 & L | General Chemistry II and Lab | 4 cr. | (All chemistry courses require a "C" or better) |
| CHM 2210 & D | Organic Chemistry I | 3 cr. | (All chemistry courses require a "C" or better) |
| CHM 2211 | Organic Chemistry II | 3 cr. | (All chemistry courses require a "C" or better) |
| MAC 2233 | Methods of Calculus | 3 cr. | |
| **or** | | | |
| MAC 2311 | Calculus with Analytic Geometry 1 | 4 cr. | |
| **or** | | | |
| MAP 2491 | Mathematics for Biological Sciences 1 | 3 cr. | |
| PHY 2053 | College Physics I | 4 cr. | Prerequisite - "C" in one of these: MAC 1114/1147/2233/2311 |
| PHY 2048L | General Physics I Lab | 1 cr. | |
| **or** | | | |
| PHY 2048 | General Physics I | 4 cr. | Prerequisite - "C" in MAC 2311 per university catalog |
| PHY 2048L | General Physics I Lab | 1 cr. | |
| PHY 2054 | College Physics II | 4 cr. | |
| PHY 2049L | General Physics II Lab | 1 cr. | |
| **or** | | | |
| PHY 2049 | General Physics II | 4 cr. | |
| PHY 2049L | General Physics II Lab | 1 cr. | |

| | |
|---|---|
| **41 - 45 cr.** | **General Education and Foreign Language** |
| **56 cr.** | **Biology Core & Electives** |
| **11 cr.** | **Upper-division General Electives** |
| **8 - 12 cr.** | **Free Electives** |
| **120 credits** | **TOTAL (42 credits at upper division minimum)** |

**MAJOR COURSES, COLLEGE REQUIREMENTS - B.S. MEDICAL BIOLOGY DEGREE**

| | | | |
|---|---|---|---|
| **Required Courses (Biology Core):** 63 – 64 credits | | | |
| BSC 1011 & L | Biodiversity and Lab | 4 cr. | |
| BSC 1010 & L | Biological Principles and Lab | 4 cr. | |
| CHM 2045 & L | General Chemistry I and Lab | 4 cr. | (All chemistry courses require a "C" or better) |
| CHM 2046 & L | General Chemistry II and Lab | 4 cr. | (All chemistry courses require a "C" or better) |
| CHM 2210 & D | Organic Chemistry I | 3 cr. | (All chemistry courses require a "C" or better) |
| CHM 2211 | Organic Chemistry II | 3 cr. | (All chemistry courses require a "C" or better) |
| CHM 2211L | Organic Chemistry Lab | 2 cr. | (All chemistry courses require a "C" or better) |
| MAC 2311 | Calculus with Analytic Geometry 1 | 4 cr. | |
| **or** | | | |
| MAP 2491 | Mathematics for Biological Sciences 1 | 3 cr. | |
| PHY 2053 | College Physics I | 4 cr. | Prerequisite - "C" in one of these: MAC 1114/1147/2233/2311 |
| PHY 2048L | General Physics I Lab | 1 cr. | |
| **or** | | | |
| PHY 2048 | General Physics I | 4 cr. | Prerequisite - "C" in MAC 2311 per university catalog |
| PHY 2048L | General Physics I Lab | 1 cr. | |
| PHY 2054 | College Physics II | 4 cr. | |
| PHY 2049L | General Physics II Lab | 1 cr. | |
| **or** | | | |
| PHY 2049 | General Physics II | 4 cr. | |
| PHY 2049L | General Physics II Lab | 1 cr. | |

| | |
|---|---|
| **41 - 45 cr.** | **General Education and Foreign Language** |
| **65 cr.** | **Medical Biology Core & Electives** |
| **5 cr.** | **Upper-Division General Electives** |
| **5 - 9 cr.** | **Free Electives** |
| **120 credits** | **TOTAL (42 credits at upper division minimum)** |

**NOTE:** The credit summary numbers are based on common course selection. Please consult your advisor.