

UNIVERSITY OF SOUTHERN MAINE  
**CATALOG YEARS 2015-2016, 2016-2017, 2017-2018**

**BIOLOGY WITH EMPHASIS IN HUMAN BIOLOGY**

CORE CURRICULUM

- \_\_\_\_\_ Entry Year Experience (EYE; must be completed in the first semester by students with fewer than 24 transfer credits)
- \_\_\_\_\_ College Writing
- \_\_\_\_\_ Quantitative Reasoning (must be completed prior to Science Exploration)
- \_\_\_\_\_ Creative Expression
- \_\_\_\_\_ Cultural Interpretation
- \_\_\_\_\_ Science Exploration
- \_\_\_\_\_ Socio-cultural Analysis
- \_\_\_\_\_ Ethical Inquiry, Social Responsibility, and Citizenship
- \_\_\_\_\_ Thematic Cluster (3 courses from the same cluster with only 1 course overlapping with the major) or Minor<sup>‡</sup>
- \_\_\_\_\_ Diversity (may overlap with other core requirements)
- \_\_\_\_\_ International (may overlap with other core requirements)
- \_\_\_\_\_ Capstone

MAJOR REQUIREMENTS<sup>†</sup>

- |         |       |         |       |                                |
|---------|-------|---------|-------|--------------------------------|
| BIO 105 | _____ | BIO 221 | _____ | *BIO courses and labs (15 cr): |
| BIO 106 | _____ | BIO 112 | _____ | _____                          |
| BIO 107 | _____ | BIO 223 | _____ | _____                          |
|         |       | BIO 114 | _____ | _____                          |
|         |       | BIO 345 | _____ | _____                          |

DEPARTMENTAL REQUIREMENTS<sup>†</sup>

- |         |       |           |       |           |       |           |       |
|---------|-------|-----------|-------|-----------|-------|-----------|-------|
| CHY 113 | _____ | CHY 461   | _____ | **PHY 111 | _____ | **PHY 114 | _____ |
| CHY 114 | _____ | CHY 462   | _____ | **PHY 112 | _____ | **PHY 116 | _____ |
| CHY 115 | _____ | <b>or</b> |       | <b>or</b> |       |           |       |
| CHY 116 | _____ | CHY 461   | _____ | **PHY 121 | _____ | **PHY 114 | _____ |
| CHY 251 | _____ | CHY 463   | _____ | **PHY 123 | _____ | **PHY 116 | _____ |
| CHY 252 | _____ |           |       |           |       |           |       |
| CHY 253 | _____ | MAT 152   | _____ |           |       |           |       |
| CHY 254 | _____ | MAT 220   | _____ |           |       |           |       |

ELECTIVES

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<sup>‡</sup> Human Biology students should consider declaring a minor in Biochemistry to fulfill this requirement.  
<sup>†</sup> Grades of C- or higher are required in all courses. Note that CHY courses require grades of C or higher as prerequisites.  
\* Human Biology majors must take **15 credits, including at least 2 laboratory courses**, from the following: BIO 201, 205, 305/306, 311/282, 321/322, 361/362, 401/402, 407, 409/410, 413, 431/432  
\*\* Biology majors may take **either** PHY 111/114 **and** PHY 112/116 **or** PHY 121/114 **and** PHY 123/116.

**NOTE:** The University catalog states,

- “For all baccalaureate degrees at the University, a minimum of 30 credit hours including at least 9 hours in the major field, must be completed while registered in the school or college from which the degree is sought (15 credit hours for associate degree programs). A student may earn no more than six of these credit hours at another campus of the University of Maine System. Unless special permission is granted by the dean of the school or college concerned to pursue work elsewhere, the work of the senior or final year must be completed at this University.”

- “In addition to the minimum requirements of 120 credits for a baccalaureate degree and 60 credits for an associate degree, a candidate must (a) receive passing grades in courses required by the school or college, and the major department; (b) accumulate the number of credit hours required by the school or college in which the student is registered; (c) achieve an accumulative average of not less than 2.00; (d) meet the requirements of the major department; (e) complete an Application for Degree form with the Office of the Registrar at the beginning of the semester of graduation. **Responsibility for successfully completing the requirements of the program resides with the student.**”