

UNIVERSITY OF SOUTHERN MAINE  
**CATALOG YEARS 2011-2012, 2012-2013, and 2013-2014**

**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 (only 1/3 of credits can be applied to the major)
- \_\_\_\_\_ Diversity (may overlap with other core requirements)
- \_\_\_\_\_ International (may overlap with other core requirements)
- \_\_\_\_\_ Capstone

MAJOR REQUIREMENTS<sup>†</sup>

- |         |       |         |       |         |       |       |
|---------|-------|---------|-------|---------|-------|-------|
| BIO 105 | _____ | BIO 201 | _____ | +Area 1 | _____ | _____ |
| BIO 106 | _____ | BIO 217 | _____ | +Area 2 | _____ | _____ |
| BIO 107 | _____ | *BIO 2  | _____ | +Area 3 | _____ | _____ |
| BIO 109 | _____ | *BIO 2  | _____ |         |       |       |

DEPARTMENTAL REQUIREMENTS<sup>†</sup>

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

ELECTIVES

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<sup>†</sup> Grades of C- or higher are required in all courses.  
\* Biology majors may take **either** 2 additional biology 200+ level lecture courses, or one 200+ level biology lecture/laboratory.  
+ Biology majors must take **one lecture/lab combination from each** of these three stipulated areas:  
Area 1: BIO 205, 231, 291, 335, 351, 353, 361/362, 405/406  
Area 2: BIO 331/332, 337, 383, 403/404, 415/416  
Area 3: BIO 305/306, 311/312, 321/322, 381,401/402, 409/410  
\* 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.**”