

UNIVERSITY OF SOUTHERN MAINE  
CATALOG YEAR 2021-2022

**BIOLOGY WITH EMPHASIS IN HUMAN BIOLOGY**

CORE CURRICULUM

- \_\_\_\_\_ Writing, Reading, Inquiry 1 (WRI1; ENG 100 or equivalent)
- \_\_\_\_\_ Writing, Reading, Inquiry 2 (WRI2; ENG 102 or equivalent)
- \_\_\_\_\_ Quantitative Reasoning (must be completed prior to Science Exploration)
- \_\_\_\_\_ Creative Expression
- \_\_\_\_\_ Cultural Interpretation
- \_\_\_\_\_ Science Exploration
- \_\_\_\_\_ Socio-cultural Analysis
- \_\_\_\_\_ Ethical Inquiry, Social Responsibility, and Citizenship
- \_\_\_\_\_ Writing, Reading, Inquiry 3 (WRI3; any WRI3 approved course)
- \_\_\_\_\_ Diversity (may overlap with other core requirements)
- \_\_\_\_\_ International (may overlap with other core requirements)
- \_\_\_\_\_ Engaged Learning (may overlap with other core requirements)
- \_\_\_\_\_ Capstone

MAJOR REQUIREMENTS†

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

DEPARTMENTAL REQUIREMENTS†

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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‡ Human Biology students should consider declaring a minor in Biochemistry to fulfill this requirement.  
 † 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, 305/306, 309, 311/282, 321/322, 361/362, 401/402, 407, 409/410, 413, 423, 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 credits hours of the last 45 hours completed, including at least 9 hours in the major field, must be completed while

matriculated in the school or college from which the degree is sought. A student may earn no more than 6 of these 30 credit hours at another campus of the University of Maine System. Under extraordinary circumstances and with supporting documentation, students may request a waiver of this requirement from the dean of the school or college from which the degree is sought. Waivers are not automatically granted, and shall not be granted until at least 30 credits hours, including at least 9 hours in the major field, have been completed while matriculated in the school or college from which the degree is sought.”

- “In addition to the minimum requirements of 120 credits for a baccalaureate degree, a candidate must: (a) receive passing grades in courses required by the University, 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 grade point average of not less than 2.00 (some majors require a higher GPA for graduation); (d) meet the requirements of the major department; and (e) complete an Application for Degree on MaineStreet or with the Office of the Registration and Scheduling Services at the beginning of the semester of graduation. **Responsibility for successfully completing the requirements of the program resides with the student.**”