



**Bachelor of Science
SECONDARY EDUCATION
2016 – 2017**

Teacher education has a proud tradition in Downeast Maine. UMM graduates become enlightened teachers, drawing on a strong educational foundation in content and knowledge of students and how they learn. Professors here model hands-on learning, and pass on an enthusiasm for knowledge that makes learning and teaching fun.

Students may choose one of two pathways to certification. They may major in Interdisciplinary Fine Arts (with a Visual Arts concentration); English, Creative Writing & Book Arts; Biology or Marine Biology or Psychology & Community Studies* and minor in Secondary Education or they may choose to major in Secondary Education with a concentration in Art, English, Life or Physical Sciences, Mathematics or Social Studies.

* Students completing this major with a Secondary Education minor would be certified to teach Secondary Social Studies.

Education Requirements 39 credits

Basic Requirements

EDU 112 School & Community	3
EDU 216 Assessment & Curriculum Design	3
SED 201 Dimensions of Exceptionalities	3

Advanced Requirements

SED 345 Behavioral Support and Intervention	3
Choose one from the following:	
<i>EDU 309 Educational Psychology</i>	3
<i>EDU 339 Working with Culturally Diverse Students</i>	3

Internship I

EDU 327 Content Area Literacy Methods	3
SED 365 Differentiated Instructional Strategies	3

Internship II

EDU 321 Secondary Teaching Methods	3
EDU 337 Classroom Management	3

Capstone

EDU 490 Student Teaching	12
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Students must select one of the concentrations below:

Art Concentration	27 credits
<i>Select one of the following:^s</i>	3
ART 101 2-D Fundamentals of Art	
ART 102 Art Fundamentals 3-D	
<i>Select one of the following:</i>	3
ART 201 Art History I	
ART 202 Art History II	
ART 210 Drawing I	3
ART 211 Painting I	3
ART 216 Book Arts I	3
PHI 212 Aesthetics	3
Select three Art electives at the 200-level or higher	9
 English Concentration	 27 credits
ENG 117 ^s Intro to Literary & Cultural Studies	3
ENG 207 Studies in Composition & Grammar	3
ENG 210 ^s Beginning Creative Writing	3
Select three English electives at the 200-level or higher	9
Select two English electives at the 300-level or higher	6
Select one English elective at the 400-level or higher	3
 Life Sciences Concentration	 27 credits
BIO 118 Animal Life	2
BIO 119 Plant Life	2
BIO 210 Human Anatomy & Physiology	4
BIO 245 General Ecology	4
BIO 340 Evolution	3
BIO 353 Genetics	4
CHY 101 General Chemistry I	4
CHY 102 General Chemistry II	4
<i>Note: Students in this concentration need to complete BIO 117 This is Life! to fulfill Scientific Inquiry requirement.</i>	
 Mathematics Concentration	 27-28 credits
<i>Select one of the following:</i>	3-4
MAT 113 Intro to Statistics	
MAT 215 Applied Statistics	
MAT 122 Precalculus	4
MAT 126 Calculus I	4
MAT 127 Calculus II	4
MAT 200 College Geometry	3
MAT 200 Linear Algebra	3
Select two Math electives numbered above MAT 102	6
 Physical Science Concentration	
CHY 102 General Chemistry II	4
CHY 221 Organic Chemistry I	4
CHY 222 Organic Chemistry II	4
CHY 226 Undergraduate Research in Chemistry	2
CHY 234 Environmental Chemistry	4
PHY 111 Physics I	4
PHY 112 Physics II	4
 Social Studies Concentration	 27 credits
GEO 101 Introduction to Geography	3

<i>Select one of the following:</i> [§]	3
<i>HTY 115 World History I</i>	
<i>HTY 116 World History II</i>	
HTY 103 American History I	3
HTY 104 American History II	3
Select one History elective at 300-level or higher	3
Select one Economics elective	3
Select one Psychology elective	3
Select one Political Science elective	3
Select one Anthropology or Sociology elective	3
[§] <i>Course selected must be different than course used to meet core requirements.</i>	