

# Biology, B.A. - Ecology, Evolution & Biodiversity Concentration

FOR CATALOG YEAR 2021-2022



At the University of Maine at Presque Isle, our goal is to ensure you can Finish in Four. In addition to a wide range of academic and student support efforts, we've set up this pathway, or map, for you; if you follow this recommended sequence, you will complete your Bachelor's degree in four years. Together, we can help you Finish in Four and turn your degree into a great career.

*Please note that this is a scheduling aid, not a guarantee of specific course offerings each semester. Course availability varies depending on the date of enrollment, so please be sure to consult the appropriate catalog for official degree/program requirements and seek guidance regularly from your faculty and professional academic advisors.*

[www.umpi.edu/academics/biology](http://www.umpi.edu/academics/biology)

1

## FIRST YEAR FALL SEMESTER

UNV 101	University Experience*	2 credits	<input type="checkbox"/>
ENG 101	College Composition I*	3 credits	<input type="checkbox"/>
BIO 112	General Biology I*	4 credits	<input type="checkbox"/>
CHY 111	General Chemistry I*	4 credits	<input type="checkbox"/>
MAT 201	Probability and Statistics I* <b>-OR-</b>		
MAT 131	Calculus I	3-4 credits	<input type="checkbox"/>

SEMESTER TOTAL 16-18 CREDITS

## FIRST YEAR SPRING SEMESTER

ENG 121	College Composition II*	3 credits	<input type="checkbox"/>
BIO 113	General Biology II	4 credits	<input type="checkbox"/>
CHY 112	General Chemistry II	4 credits	<input type="checkbox"/>
MAT 121	Pre-Calculus	4 credits	<input type="checkbox"/>

SEMESTER TOTAL 15 CREDITS

2

## SECOND YEAR FALL SEMESTER

BIO 261	Human Anatomy and Physiology I	4 credits	<input type="checkbox"/>
CHY 221	Organic Chemistry I	4 credits	<input type="checkbox"/>
MAT 201	Probability and Statistics I* <b>-OR-</b>		
MAT 131	Calculus I	3-4 credits	<input type="checkbox"/>
GEC	General Education Course	3 credits	<input type="checkbox"/>
GEC	General Education Course	3 credits	<input type="checkbox"/>

SEMESTER TOTAL 17-18 CREDITS

## SECOND YEAR SPRING SEMESTER

BIO 262	Human Anatomy and Physiology II	4 credits	<input type="checkbox"/>
CHY 222	Organic Chemistry II	4 credits	<input type="checkbox"/>
BIO 200	Research Methods in Biology	3 credits	<input type="checkbox"/>
GEC	General Education Course	3 credits	<input type="checkbox"/>

SEMESTER TOTAL 14 CREDITS

3

## THIRD YEAR FALL SEMESTER

BIO 350	Genetics	4 credits	<input type="checkbox"/>
ECY 355	General Ecology	4 credits	<input type="checkbox"/>
Complete One	Environmental Influences Course: ENV 200, 210, 301, 302, or GEY 114	3-4 credits	<input type="checkbox"/>
GEC	General Education Course	3 credits	<input type="checkbox"/>
GEC	General Education Course	3 credits	<input type="checkbox"/>

SEMESTER TOTAL 17-18 CREDITS

## THIRD YEAR SPRING SEMESTER

BIO 315	Evolution	3 credits	<input type="checkbox"/>
BIO XXX	Biology Elective	3-4 credits	<input type="checkbox"/>
Complete Two	Biodiversity Course: BIO 309, 310, 316, 360, 445 or GEY 322	4 credits	<input type="checkbox"/>
GEC	General Education Course	3 credits	<input type="checkbox"/>
GEC	General Education Course	3 credits	<input type="checkbox"/>

SEMESTER TOTAL 15-16 CREDITS

4

## FOURTH YEAR FALL SEMESTER

ENV 308	GIS I: Fundamentals of GIS	4 credits	<input type="checkbox"/>
BIO 410	Advanced Topics in Ecology	3 credits	<input type="checkbox"/>
Complete Two	Biodiversity Course: BIO 309, 310, 316, 360, 445 or GEY 322	4 credits	<input type="checkbox"/>
GEC	General Education Course	3 credits	<input type="checkbox"/>
GEC	General Education Course	3 credits	<input type="checkbox"/>

SEMESTER TOTAL 17 CREDITS

## FOURTH YEAR SPRING SEMESTER

BIO XXX	Biology Elective	3-4 credits	<input type="checkbox"/>
Choose One	BIO 303, BIO 316 <b>-OR-</b> BIO 327	3-4 credits	<input type="checkbox"/>
BIO 4XX	Biology Capstone: BIO 400, 495, 499 <b>-OR-</b> ENV 408	3 credits	<input type="checkbox"/>
GEC	General Education Course	3 credits	<input type="checkbox"/>

SEMESTER TOTAL 12-14 CREDITS

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Total Minimum Credits Required for Degree: **120 credits**

\*Meets General Education Curriculum requirement