

ENVIRONMENTAL BIOLOGY BACHELOR OF SCIENCE

3.5-Year Planning Guide ■ Catalog Year 2018-2019

FALL

FRESHMAN (2018)

IDS-103	CU Foundations I/Terra Firma	1
MAT-121	College Algebra*	3
ENG-212	Writing in Culture	3
REL-104	Old Testament Literature	3
BIO-151	General Biology	4
COM-112	Communication in Culture	3
		17

SOPHOMORE (2019)

BIO-225	Botany	4
CHM-111	Principles of General Chemistry	4
SCI-262	Geology	4
PHI-211	Philosophy in Culture	3
		15

JUNIOR (2020)

BIO-XXX	Major elective	4
BIO-351	Genetics	4
HUM-311	Imagination in Culture	3
KIN-1XX	KIN Activity course	1
	Social Science Requirement****	3
		15

SENIOR (2021)

ECO-341	Ecology	4
BIO-400	Capstone Seminar	3
SCI-496	Senior Research Seminar	1
REL-352	Christian Beliefs & History	3
	General electives	2
		13

SPRING

FRESHMAN (2019)

IDS-104	CU Foundations II/Terra Firma	1
BIO-233	Zoology	4
REL-204	New Testament Literature	3
HIS-114	World Civilization II	3
KIN-100	Total Fitness & Wellness	2
IDS-101	Creativity, Innov. & Prob. Solving	2
		15

SOPHOMORE (2020)

MAT-151	Statistics	3
ECO-241	Environmental Science	4
ECO-342	Field Biology	4
ECO-442	Field Studies (J-term)	4
		15

JUNIOR (2021)

CHM-212	Organic & Biochemistry	4
SCI-361	Evolution & Origins	3
SCI-380	Internship	3
	Upper level elective in BIO or ECO	4
	Global Studies Requirement	3
	could take as J or May term trip	
		17

SENIOR (2022)

TOTAL CREDITS **120**

SUMMER

(2019)

(2020)

ECO 3XX/4XX
Electives at Au Sable

12

(2021)

SCI-495
Senior Research Project

1

*Selection based on Math placement score at the time of registration

**See Catalog for English Placement require.

***See catalog (pg. 157) for electives at Au Sable Institute options

****Choose One: PSY 111, SOC 111, ECN 231, ECN 232, CMI 223, SSC 161, SSC 211, SCC 262

COURSES THAT FULFILL GLOBAL STUDIES REQUIREMENT:

For a full list of courses see pg. 36 of the Academic Catalog

CMI-243	Introduction to Intercultural Studies	3
COM-311	Intercultural Communication	3
SSC-312	World Affairs	3
LIN-100	Language in Culture	3
	International Study Trip	3

MAJOR ELECTIVE OPTIONS (CHOOSE ONE):

BIO 331- Ornithology	4
BIO 431- Vertebrate Zoology	4

REQUIRED ENVIRONMENTAL BIOLOGY COURSES:

CREDIT HOURS

BIO-151	General Biology	4
BIO-225	Botany	4
BIO-233	Zoology	4
BIO-351	Genetics	4
BIO-400	Capstone Seminar: Bioethics and Argument Theory	3
CHM-111	Principles of General Chemistry	4
CHM-212	Principles of Organic and Biochemistry	4
ECO-241	Environmental Science	4
ECO-341	Ecology	4
ECO-342	Field Biology	4
ECO-442	Advanced Field Studies	4
ECO-3XX/4XX	Electives at Au Sable Institute	12
MAT-121	College Algebra	3
MAT-151	Statistics	3
SCI-262	Geology	4
SCI-361	Evolution and Origins	3
SCI-380	Internship	3
SCI-495	Senior Research Project	1
SCI-496	Senior Research Seminar	1
	Major Elective (See approved list above to choose appropriate course)	4
	Upper level elective in either Biology or Ecology	4

CUMULATIVE TOTAL 81