

Biology Major, Ecology and Organismal Emphasis

Bachelor of Science

FIRST YEAR

FIRST SEMESTER			SECOND SEMESTER		
Subj/Area/Course	Title	Crs	Subj/Area/Course	Title	Credits
Biology 105 (NS)	Biological Concepts: Unity	4	Biol 111	Biology Orientation	2
Math	Math 103 Intermediate Algebra	3	Chem 106 (NS)	General Inorganic II	5
Chem 105 (NS)	General Inorganic I	5	GEN ED	(HU) Humanities Course	3
GEN ED	WBIS 188	3	Math 171 (MA/BS)	Calculus I	3
			GEN ED (PE)	(PE) Phy Ed	2
TOTAL		15	TOTAL		15

SECOND YEAR

FIRST SEMESTER			SECOND SEMESTER		
Subj/Area/Course	Title	Credits	Subj/Area/Course	Title	Credits
Biol 230 (NS)	Biology of Animals	4	Biol 231	Biology of Plants and Microbes	4
Biol 323	Introduction to Molecular and Cell Biology	3	Biol 349	Ecology and Evolution	3
GEN ED	(HU) Humanities Course	3	GEN ED	(HU) Humanities Course	3
GEN ED	(SS) Social Science Course	3	GEN ED	(NW) Non-Western Course	3
GEN ED	Communication 111	3	GEN ED	Electives	3
TOTAL		16	TOTAL		16

THIRD YEAR

FIRST SEMESTER			SECOND SEMESTER		
Subj/Area/Course	Title	Credits	Subj/Area/Course	Title	Credits
Biol 343	Genetics	4	Biol 319	Animal Physiology	5
Bio 325	Field Ecology	3	Biol	Electives	3-5
Biol	Electives	2-3	GEN ED	(ES) Ethnic Studies Course	3
GEN ED	(SS) History	3	GEN ED	(SS) Social Science Course	3
GEN ED	(HU) Humanities Course	3			
TOTAL		15-16	TOTAL		14-16

FOURTH YEAR

FIRST SEMESTER			SECOND SEMESTER		
Subj/Area/Course	Title	Credits	Subj/Area/Course	Title	Credits
Biol 319	Animal Physiology	5	Biol 386	Ecosystem Ecology	3
Biol 376	Ecosystem Ecology	3	Biol 491	Senior Survey	0
Biol	Electives	3-5	Biol	Electives	3-8
GEN ED	(SS) Social Science Course	3	GEN ED	Advanced Composition	3
				Other Electives	3-5
TOTAL		14-16	TOTAL		12-17

BS GEN ED Requirements are as follows: (letters in parentheses are the GEN ED designations for each area)

* Note: Total number of GEN ED credits required for BS varies as some courses count in more than one area

Communications: Comm 111: 3 crs

English Composition (EN):6 (WBIS 188 plus one Advanced Composition Course)

Humanities (HU):12 (1 course must be a literature course; other courses must be from two out of remaining three Humanities areas.

Mathematics (MA): 3 crs (additional credits may be required for remedial coursework to reach minimum level)

Natural Science (NS): four courses total: see catalog or academic advisor for more details.

Non-Western Culture (NW): 3 crs

Physical Education (PE): 2 crs

Social Science (SS):12 (one course must be in History)