

Biology Education Major

Bismarck State College (AS) and University of Mary

Freshman:	Fall		UMary Equivalent
BIOL 150/150L	General Biology 1 and Lab (Math/Sci/Tech)	3/1	BIO 103/L
CHEM 121/121L	General Chemistry I/Lab (Math/Sci/Tech)	4/1	CHE 111/L
MAT 103	College Algebra (Math/Sci/Tech)	3	MAT 103
ENGL 110	College Comp I (Comm)	3	ENG 111
	Fall Credits	15	
	Spring		
ENGL 120	College Comp II (Comm)	3	ENG 121
Elective	Social Science & Diversity Elective	3	Core Elective
COMM 110	Fundamentals of Public Speaking (Comm)	3	COM 110
BIOL 151/151L	General Biology II/Lab (Math/Sci/Tech)	3/1	BIO 106/L
CHEM 122/122L	General Chemistry II/Lab (Math/Sci/Tech)	4/1	CHE 112/L
	Spring Credits	18	
	Total Freshman Credits	33	
Sophomore:	Fall		
PHY 211/211L	College Physics I/Lab (Math/Sci/Tech)	4/1	PHY 203
PSY 111	Introduction to Psychology (Soc Sci)	3	PSY 201
EDU 250	Introduction to Education	3	EDU 200
MAT 107	Pre-Calculus 1 (Math/Sci/Tech)	3	MAT 153
BSC	Enrichment Elective	2	Elective
	Fall Credits	16	
	Spring		
PHY 212/212L	College Physics II/Lab (Math/Sci/Tech)	3/1	PHY 304 (LL)
PHIL 210	Ethics (Arts & Humanities)	3	PHI 208
RELS	RELS course (Arts & Humanities)	3	THE 120
SCNC 103/103L or GEOL 105/105L	Physical Science III or Physical Geology (Math/Sci/Tech)	3/1	SCI 201
	Spring Credits	14	
	Total Sophomore Credits	30	
	Total BSC Credits	63	(62→UMary)
Junior:	Fall		
HUM 322	Transfer Seminar	1	
BIO 311	Genetics	4	
EDU 295	Learners with Exceptional Needs	3	
BIO Elective	300/400 Level Biology Elective	4	
EDU 320	Curriculum, Instruction and Management	2	
EDU 301	Classroom Management	2	
EDU 365	Reading Instruction in the Classroom	2	
	Fall Credits	18	
	Spring		
EDU 310	Secondary Practicum I	1	
EDU 379	Secondary Methods- Science	2	
BIO Elective	300/400 Level Biology Elective	4	
BIO Elective	300/400 Level Biology Elective	4	
PSY 205	Educational Psychology	3	
MAT 204	Applied Statistics	4	
	Spring Credits	18	
	Total Junior Credits	36	
Senior:	Fall		

BIO Elective	300/400 Level Biology Elective	4	
EDU 401	Secondary Practicum I	1	
EDU 411	Student Teacher Assessment	0	
EDU 421	Instructional Strategies in Technological Classroom	2	
EDU 367	Cult. Div. Human Relations	3	
HUM 499	Senior Competences Assessment	0	
BIO Elective	300/400 Level Biology Elective	4	
	Fall Credits	14	
	Spring		
EDU 423	Student Teaching Seminar	1	
EDU 442	Student Teaching	12	
	Spring Credits	13	
	Total Senior Credits	27	
	Total UMary Credits	63	
	Total Bachelor's Degree Credits	125	

Biology Electives: Students must take five biology electives selected from three major areas of study. Of the five, at least one course must be taken from each of the three areas. These electives are in addition to the required biology courses.