

ACADEMIC MAP



2017-18 BS IN BIOLOGY-BIOLOGY EDUCATION

TOTAL 127-130 HRS

*minimum grade required †offered every other year

Freshman (Fall Semester) 16 hrs total

BIO 100	Principles of Biology I	4 credit hrs	Major	C*
CHE 101	Gen. Chem. Lecture I	3 credit hrs	Gen. Ed.	C*
CHE 103	Gen. Chem. Lab I	2 credit hrs	Gen. Ed.	C*
ENG 101	English Composition	3 credit hrs	Gen. Ed.	
MAT 104	College Algebra	3 credit hrs	Gen Ed.	C*
FYS 100	First Year Seminar	1 credit hrs		

Freshman (Spring Semester) 18 hrs total

BIO 101	Principles of Biology II	4 credit hrs	Major	C*
CHE 102	Gen. Chem. II Lecture	3 credit hrs	Gen. Ed.	C*
CHE 104	Gen. Chem. II Lab	2 credit hrs	Gen. Ed.	C*
ENG 102	English Composition	3 credit hrs	Gen. Ed.	
MAT 105	Trigonometry	3 credit hrs	Spec. Dgr	C*
	Fine Art elective	3 credit hrs	Gen. Ed.	

Sophomore (Fall Semester) 18 hrs total

CHE 215	Survey of Organic Chem	3 credit hrs	Major	C*
CHE 216	Survey of Org Chem Lab	1 credit hrs	Major	C*
BIO 217	Microbiology	4 credit hrs	Major	C*
BIO 230	Anatomy and Physiology	4 credit hrs	Major	C*
	Literature elective	3 credit hrs	Gen. Ed.	
PHY 110	Physical World	3 credit hrs	Major	C*

Sophomore (Spring Semester) 17 hrs total

CHE 325	Surv. of Biochem Lecture	3 credit hrs	Major	C*
CHE 326	Survey of Biochem Lab	1 credit hrs	Major	C*
	Cell, Ecology or Genetics	4 credit hrs	Major	C*
ENG 303	Technical Writing	3 credit hrs	Major	C*
CIS 205	Microcomputer App	3 credit hrs	Gen. Ed.	
	Persp. in Soc. Elective	3 credit hrs	Gen. Ed.	

Junior (Fall Semester) 17 hrs total

	Cell, Ecology or Genetics	4 credit hrs	Major	C*
PHY 110	Physical World	3 credit hrs	Major	C*
CUR 300	Survey of Ed/ Fld Ex	3 credit hrs	Major	C*
EPY 341	Educational Psychology	3 credit hrs	Major	C*
	CASE Asses. or ENG 301	3 credit hrs	Gen. Ed.	
BIO 314	Phy Geol for Life Sci			
	or Astronomy	4 credit hrs	Major	C*

Junior (Spring Semester) 16 hrs total

BIO 435	Meth/Mat in Bio. Sci.	3 credit hrs	Major	C*
BIO 435	Cell, Ecology or Genetics	4 credit hrs	Major	C*
BIO 435	Surv. of Excep. Childs	3 credit hrs	Major	
	Persp. on Society Elect.	3 credit hrs	Gen. Ed.	
	Take Praxis 2 PLT + Praxis 2 Biology content in summer after Junior year (Req. prior to CUR 498)			
	Humanities & F. Arts Elect	3 credit hrs	Gen. Ed.	

Senior (Fall Semester) 17 hrs total

CUR 493	Teaching the Sciences	3 credit hrs	Major	
CUR 393	Classroom Mgt	3 credit hrs	Major	
HSE 144	First Aid/ CPR	1 credit hrs	Major	
	Bio 300 & Above Elect.	4 credit hrs	Major	C*
	Pub Speak. or Interper.	3 credit hrs	Gen. Ed.	
	History Elective	3 credit hrs	Gen. Ed.	

Senior (Spring Semester) 9-12 hrs total

CUR 498	Directed Internship	9 credit hrs	Major	
	Problems in BIO (suggested)	0-4 credit hrs		
	Fine Art Elective	3 credit hrs	Gen. Ed.	

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2017-18 BS IN BIOLOGY-GENERAL

TOTAL 127-130 HRS

Additional Notes

- ▶ The B.S. in Biology with an Education concentration is designed for students who want to prepare to teach biology at the secondary level.