

# 2018-19 ACADEMIC MAP

## BS Biology - Biology Education

TOTAL HRS: 120-125



Academic map is a guide to help students stay on track to degree completion. Consult undergraduate catalog and academic advisor for other requirements.

\* minimum grade required

		FALL SEMESTER					SPRING SEMESTER					
	PREFIX	COURSE	CREDIT	AREA	GR*	SEM/GR	PREFIX	COURSE	CREDIT	AREA	GR*	SEM/GR
YEAR 1-Freshman	BIO 100	General Biology I	4	Major	C		BIO 101	General Biology II	4	Major	C	
	CHE 101	Gen Chem I Lecture	3	Gen Ed	C		CHE 102	Gen Chem II Lecture	3	Gen Ed	C	
	CHE 103	Gen Chem I Lab	1	Gen Ed	C		CHE 104	Gen Chem II Lab	1	Gen Ed	C	
	ENG 101	Composition I	3	Gen Ed			ENG 102	Composition II	3	Gen Ed		
	MAT 104	College Algebra	3	Gen Ed	C		MAT 105	Trigonometry	3	Spec Dgr	C	
	FYS 100	First Year Seminar	1	Univ Req				Recommended Elective	1	Electives		
			15						15			
YEAR 2-Sophomore	CHE 215	Intro to Organic Chem	3	Major	C		CHE 325	Intro to Biochemistry	3	Major	C	
	CHE 216	Intro to Organic Chem Lab	1	Major	C		CHE 326	Intro to Biochemistry Lab	1	Major	C	
	BIO 217	Microbiology	4	Major	C		BIO Core	Cell, Ecology, or Genetics	4	Major	C	
	BIO 230	Human A&P I	4	Major	C		CIS 205	Microcomputer Apps	3	Gen Ed		
	ENG 200 level	Literature	3	Gen Ed			PSY 101	General Psychology	3	Gen Ed		
				15			PHY 110	Physical World	3	Gen Ed		
									17			
YEAR 3-Junior	BIO Core	Cell, Ecology, or Genetics	4	Major	C		BIO 435	Meth/Mat in Bio Sci	3	Major	C	
	CUR 300	Survey of Ed w/ Field Exp	3	Prof Ed	C		BIO Core	Cell, Ecology, or Genetics	4	Major	C	
	EPY 341	Educational Psychology	3	Prof Ed	C		CSP 340	Survey of Except Children	3	Prof Ed		
	PHY 105/314	Astronomy or Geography	3-4	Major	C			Perspectives on Society	3	Gen Ed		
				13-14				Humanities & Fine Arts	3	Gen Ed		
									16			
							Take Praxis 2 PLT + Praxis 2 Biology content in summer after Junior year (required prior to taking CUR 498)					
YEAR 4-Senior	CUR 493	Teaching the Sciences	3	Prof Ed			CUR 498	Directed Internship	9	Prof Ed		
	CUR 393	Classroom Management	3	Prof Ed			BIO 348	Problems in Biology	0-4			
	HSE 144	First Aid & CPR	1	Prof Ed				(Suggested)				
	BIO 300-400 level	Biology Elective	4	Major	C			Fine Arts	3	Gen Ed		
	COM 101/202	Communication Studies	3	Gen Ed						12-16		
	HIS 100/200	History	3	Gen Ed								
			17									

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