BS Biological Sciences
Biology Education (BSED)

Fall Semester - Freshman		
BIOL 1004	Biology Orientation Seminar	1.0
BIOL 1105	Principles of Biology I	3.0
BIOL 1115	Principles of Biology LAB	1.0
CHEM 1035	General Chemistry I	3.0
CHEM 1045	General Chemistry LAB	1.0
ENGL 1105	First Year Writing I	3.0
MATH 1025 or	Elementary Calculus I	3.0
MATH 1225	Calculus ofSingle Variable I	
	Total	**15.0**

Spring Semester - Freshman		
BIOL 1106	Principles of Biology II	3.0
BIOL 1116	Principles of Biology LAB	1.0
CHEM 1036	General Chemistry II	3.0
CHEM 1046	General Chemistry LAB	1.0
ENGL 1106	First Year Writing II	3.0
MATH 1026 or	Elementary Calculus II	3.0
MATH 1226	Calculus of Single Variable II	
	Total	**14.0**

Fall Semester - Sophomore		
CHEM 2535	Organic Chemistry I	3.0
CHEM 2545	Organic Chemistry LAB	1.0
BIOL 2004	Genetics	3.0
BIOL 2304	Plant Biology	3.0
BIOL 2614	General Microbiology LAB	2.0
Pathways	*Critical Thinking in Humanities*	3.0
	Total	**15.0**

Spring Semester - Sophomore		
CHEM 2536	Organic Chemistry II	3.0
CHEM 2546	Organic Chemistry LAB	1.0
BIOL 2134	Cell Function Differentiation	3.0
STAT 3615	Biological Statistics	3.0
Pathways	*Critical Thinking in Humanities*	3.0
Pathways	*Reasoning in the Social Sciences*	3.0
	Total	**16.0**

Fall Semester - Junior		
PHSY 2205	General Physics I	3.0
PHYS 2215	General Physics LAB	1.0
BIOL 2604	General Microbiology	3.0
BIOL 2614	General Microbiology LAB	2.0
BIOL 2704	Evolutionary Biology	3.0
Pathways	*Crit & Pract in Design & Arts*	3.0
	Total	**15.0**

Spring Semester - Junior		
PHYS 2206	General Physics II	3.0
PHYS 2216	General Physics LAB	1.0
BIOL 2504	General Zooology	3.0
BIOL 2804	Ecology	3.0
Pathways	*Reasoning in the Social Sciences*	3.0
Pathways	*Crit & Pract in the Des & the Arts*	3.0
	Total	**16.0**

Fall Semester - Senior		
BIOL	Elective + LAB	4.0
BMSP 2135	Human Anatomy & Physiology	3.0
GEOS 1014	Evolution of Earth - Life System	3.0
Pathways	*Identity & Equity in the US*	3.0
	Free Elective	2.0
	Total	**15.0**

Spring Semester - Senior		
BIOL	Elective + LAB	4.0
Pathways	*Advanced Discourse*	3.0
	Free Elective	3.0
	Free Elective	3.0
	Free Elective	1.0
	Total	**14.0**