

**College of Science**  
 Bachelor of Science in Biological Sciences  
 Major in Biological Sciences, Biology Education Option (BSED)  
 SAMPLE Academic Plan for students graduating calendar year 2022  
 Total of 120 credit hours needed for graduation

<b>Fall Semester Freshman 2018</b>		<b>Credits</b>	<b>Spring Semester Freshman 2019</b>		<b>Credits</b>
BIOL 1004		1	BIOL 1106 (Pathways Reasoning in the Natural Sciences)		3
BIOL 1105 (Pathways Reasoning in the Natural Sciences)		3	BIOL 1116		1
BIOL 1115		1	CHEM 1036		3
CHEM 1035		3	CHEM 1046		1
CHEM 1045		1	ENGL 1106 (Pathways Discourse- Foundational)		3
ENGL 1105 (Pathways Discourse- Foundational)		3	MATH 1026 or 1226 (Pathways Quantitative and Computational Thinking –Foundational)		3
MATH 1025 or MATH 1225 (Pathways Quantitative and Computational Thinking –Foundational)		3			
	<b>TOTAL</b>	15		<b>TOTAL</b>	14
<b>Fall Semester Sophomore 2019</b>		<b>Credits</b>	<b>Spring Semester Sophomore 2020</b>		<b>Credits</b>
CHEM 2535		3	CHEM 2536		3
CHEM 2545		1	CHEM 2546		1
BIOL 2004		3	BIOL 2134		3
BIOL 2304		3	STAT 3615 (Pathways Quantitative and Computational Thinking –Advanced)		3
BIOL 2614		2	Pathways Reasoning in the Social Sciences		3
Pathways Critical Thinking in the Humanities		3	Pathways Critical Thinking in the Humanities		3
	<b>TOTAL</b>	15		<b>TOTAL</b>	16
<b>Fall Semester Junior 2020</b>		<b>Credits</b>	<b>Spring Semester Junior 2021</b>		<b>Credits</b>
PHYS 2205		3	PHYS 2206		3
PHYS 2215		1	PHYS 2216		1
BIOL 2604		3	BIOL 2504		3
BIOL 2614		2	BIOL 2804		3
BIOL 2704		3	Critique and Practice in Design and the Arts		3
Critique and Practice in Design and the Arts		3	Pathways Reasoning in the Social Sciences		3
	<b>TOTAL</b>	15		<b>TOTAL</b>	16
<b>Fall Semester Senior 2021</b>		<b>Credits</b>	<b>Spring Semester Senior 2022</b>		<b>Credits</b>
BIOL ELECTIVE + LAB		4	BIOL ELECTIVE + LAB		4
BMSP 2135		3	Pathways Discourse – Advanced		3
GEOS 1014		3	FREE ELECTIVE		3
Pathways Critical Analysis of Identity and Equity in the US		3	FREE ELECTIVE		3
FREE ELECTIVE		2	FREE ELECTIVE		1
	<b>TOTAL</b>	15		<b>TOTAL</b>	14