

**Bachelor of Science - Biology**  
**First Time Freshman Academic Roadmap**

Year 1: Freshman Year				Year Total				32
Fall Semester	Terms Offered	Prerequisite Courses	Units	Spring Semester	Terms Offered	Prerequisite Courses	Units	
CHEM 2100 + 2100L	Fall & Spring		5	CHEM 2200 + 2200L	Fall & Spring	CHEM 2100+2100L	5	
MATH 2210 (GE-B4)	Fall & Spring		4	Oral Communication (GE-A1)	Fall & Spring		3	
Foundation Seminar (GE-E)	Fall & Spring		3	Written Communication (GE-A2)	Fall & Spring		3	
Critical Thinking (GE-A3)	Fall & Spring		3	General Education	Fall & Spring		3	
				General Education	Fall & Spring		3	
<b>Semester Total</b>			<b>15</b>	<b>Semester Total</b>			<b>17</b>	

Year 2: Sophomore Year				Year Total				30
Fall Semester	Terms Offered	Prerequisite Courses	Units	Spring Semester	Terms Offered	Prerequisite Courses	Units	
BIOL 2010	Fall		5	BIOL 2020	Spring	BIOL 2010	5	
CHEM 2400 + 2400L	Fall & Spring		4	CHEM 2500 + 2500L	Fall & Spring	CHEM 2400 + 2400L	4	
PHYS 2000 + 2000L	Fall & Spring		5	PHYS 2010 + 2010L	Fall & Spring	PHYS 2000+ 2000L	4	
				General Education	Fall & Spring		3	
<b>Semester Total</b>			<b>14</b>	<b>Semester Total</b>			<b>16</b>	

Year 3: Junior Year				Year Total				28
Fall Semester	Terms Offered	Prerequisite Courses	Units	Spring Semester	Terms Offered	Prerequisite Courses	Units	
BIOL Group A class	Fall & Spring	BIOL 2020	4	BIOL Group C class	Fall & Spring	BIOL 2020	4	
BIOL Group B class	Fall & Spring	BIOL 2020	4	BIOL Group D class	Fall & Spring	BIOL 2020	4	
General Education or PHYS	Fall & Spring		3	General Education or PHYS	Fall & Spring		3	
General Education	Fall & Spring		3	General Education	Fall & Spring		3	
<b>Semester Total</b>			<b>14</b>	<b>Semester Total</b>			<b>14</b>	

Year 4: Senior Year				Year Total				30
Fall Semester	Terms Offered	Prerequisite Courses	Units	Spring Semester	Terms Offered	Prerequisite Courses	Units	
BIOL 5000	Fall & Spring	BIOL 2020	1	BIOL major elective	Spring	BIOL 2020	5	
BIOL major elective	Fall & Spring	BIOL 2020	4	BIOL major elective	Fall & Spring	BIOL 2020	4	
BIOL major elective	Fall & Spring	BIOL 2020	4	Free elective	Fall & Spring		3	
General Education	Fall & Spring		3	Free elective	Fall & Spring		3	
General Education	Fall & Spring		3					
<b>Semester Total</b>			<b>15</b>	<b>Semester Total</b>			<b>15</b>	

<b>Degree Units Total</b>	<b>120</b>
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