



BS BIOLOGY

For Students who have taken AP/IB biology regardless of AP/IB score

**Starting with BIOL213**

Fall (Semester 1)	Credits	Spring (Semester 2)	Credits
<b>BIOL213</b>	<b>4</b>	<b>BIOL300</b>	<b>4</b>
Mason Core	3	MATH	3-4
CHEM211, CHEM213	4	CHEM212, CHEM214	4
Mason Core	3	Mason Core	3
<b>BIOL101</b> or Univ100	1		
<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>14-15</b>

Can take Biol214 with Biol213 first semester.

Fall (Semester 3)	Credits	Spring (Semester 4)	Credits
<b>BIOL214</b>	<b>4</b>	<b>BIOL 311</b>	<b>4</b>
Mason Core or MATH*	3-4	Mason Core	3
Chem 313	3	CHEM 314**	3
Chem 315	2	CHEM 318**	2
Mason Core	3	Mason Core	3-4
<b>TOTAL</b>	<b>15-16</b>	<b>TOTAL</b>	<b>15-16</b>

\* 2<sup>nd</sup> math not required but many professional schools require 2 semesters calculus

\*\* Can take 2 semesters GEOL or an >300 chemistry course instead

Fall (Semester 5)	Credits	Spring (Semester 6)	Credits
<b>BIOL elective with lab</b>	<b>4</b>	<b>BIOL elective with lab</b>	<b>4</b>
Mason Core	3-4	<b>BIOL elective</b>	<b>3</b>
Physics lecture	3	Physics lecture	3
Physics Lab	1	Physics lab	1
elective	3	Mason Core	3
<b>TOTAL</b>	<b>15-16</b>	<b>TOTAL</b>	<b>14</b>

Fall (Semester 7)	Credits	Spring (Semester 8)	Credits
<b>BIOL308</b>	<b>5</b>	<b>BIOL elective</b>	<b>3</b>
<b>BIOL elective</b>	<b>3</b>	<b>BIOL elective</b>	<b>3</b>
ENGH302	3	<b>BIOL elective</b>	<b>3</b>
Elective	3-4	Synthesis	3
		Elective	3
<b>TOTAL</b>	<b>14-15</b>	<b>TOTAL</b>	<b>15</b>

Note: need 22 credits biology elective. 2 courses with labs at >300 level. Can take Senior seminar as a biology elective. Need 120 credits to graduate

BS BIOLOGY  
Starting with BIOL103

Fall (Semester 1)	Credits	Spring (Semester 2)	Credits
<b>BIOL103</b>	<b>4</b>	<b>BIOL213</b>	<b>4</b>
Mason Core	3	MATH	3-4
CHEM211, CHEM213	4	CHEM212, CHEM214	4
Mason Core	3	Mason Core	3
<b>BIOL101</b> or Univ100	1		
<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>14-15</b>

Fall (Semester 3)	Credits	Spring (Semester 4)	Credits
<b>BIOL214</b>	<b>4</b>	<b>BIOL300</b>	<b>4</b>
Mason Core or MATH*	3-4	Mason Core	3
Chem 313	3	CHEM 314**	3
Chem 315	2	CHEM 318**	2
Mason Core	3	Mason Core	3
<b>TOTAL</b>	<b>15-16</b>	<b>TOTAL</b>	<b>15</b>

- 2<sup>nd</sup> math not required but many professional schools require 2 semesters calculus
- \*\* can take 2 semesters GEOL or an >300 chemistry course instead

Fall (Semester 5)	Credits	Spring (Semester 6)	Credits
<b>BIOL elective with lab</b>	<b>4</b>	<b>BIOL elective with lab</b>	<b>4</b>
Mason Core	3-4	<b>BIOL311</b>	<b>4</b>
Physics lecture	3	Physics lecture	3
Physics Lab	1	Physics lab	1
elective	3	Mason Core	3
<b>TOTAL</b>	<b>14-15</b>	<b>TOTAL</b>	<b>15</b>

Fall (Semester 7)	Credits	Spring (Semester 8)	Credits
<b>BIOL308</b>	<b>5</b>	<b>BIOL elective</b>	<b>3</b>
<b>BIOL elective</b>	<b>3</b>	<b>BIOL elective</b>	<b>3-4</b>
<b>BIOL elective</b>	<b>3</b>	Synthesis	3
Mason Core	3	Elective	3
		Elective	3
<b>TOTAL</b>	<b>14</b>	<b>TOTAL</b>	<b>15-16</b>

Note: need 22 credits biology elective. 2 courses with labs at >300 level. Can take Senior seminar as a biology elective. Need 120 credits to graduate