

Note that this is a "Typical Program." Actual programs will vary. See the Academic Catalog for official details.

**BIOLOGY B.S. DEGREE****Advisor: Dr. B. Evans**

<b>Fall 2015</b>		<b>Spring 2016</b>			
<u>CH 161</u> :	<u>Principles of Chemistry I</u>	4	<u>BI 161</u> :	<u>Cell Biology</u>	4
BI 141:	Freshman Biology Seminar <sup>2</sup>	1	<u>CH 162</u> :	<u>Principles of Chemistry II</u>	4
HS 115:	Hist Persp on Cult & Civ I	3	HS 116:	Hist Persp on Cult & Civ II	3
EN 121:	Academic Writing and Research	3	EN 151:	Perspectives on Literature	3
EX 101:	Wellness for Life	2	115:	Introduction to AR/DM/MU/TH	2
	Core Curriculum Social Science	3			
	<b>total</b>	<b>16</b>		<b>total</b>	<b>16</b>
<b>Fall 2016</b>		<b>Spring 2017</b>			
* <u>BI 321</u> :	<u>Genetics</u>	4	<u>BI/ES</u> :	<u>Elective [300+level]<sup>3</sup></u>	6
<u>CH 263</u> :	<u>Organic Chemistry I</u>	4	<u>CH 264</u> :	<u>Organic Chemistry II</u>	4
<u>MA 151</u> :	<u>Intro to Probability and Statistics</u>	4	CO 215:	Public Speaking	3
BR 111:	Biblical History and Literature	3	MI 285:	Core Curriculum Christian Faith	3
	<b>total</b>	<b>15</b>		<b>total</b>	<b>16</b>
<b>Fall 2017</b>		<b>Spring 2018</b>			
* <u>BI 261</u> :	<u>Botany</u>	4	* <u>BI 451</u> :	<u>Seminar in Biology</u>	1
<u>BI/ES</u> :	<u>Elective [300+ level]<sup>3</sup></u>	4	<u>BI/ES</u> :	<u>Elective [300+level]<sup>3</sup></u>	3
<u>PH 211</u> :	<u>Principles of Physics I</u>	4	<u>PH 212</u> :	<u>Principles of Physics II</u>	4
* <u>CH 411</u> :	<u>Biochemistry<sup>4</sup></u>	3	PL___:	Introduction to Philosophy/Ethics	3
				Core Curriculum Social Science	3
				Creative Studio Arts	1
	<b>total</b>	<b>15</b>		<b>total</b>	<b>15</b>
<b>Fall 2018</b>		<b>Spring 2019</b>			
* <u>ES 211</u> :	<u>Environmental Resources</u>	4	* <u>BI 222</u> :	<u>Zoology</u>	4
<u>BI/ES</u> :	<u>Elective [300+ level]<sup>3</sup></u>	4	<u>BI/ES</u> :	<u>Elective [300+level]<sup>3</sup></u>	4
MA 171:	Analytic Geometry & Calculus I <sup>4</sup>	4	MA 172:	Analytic Geometry & Calc II <sup>4</sup>	4
	Elective [300+ level] <sup>5</sup>	4	BR___:	Bible Elective [300+ level]	3
	<b>total</b>	<b>16</b>		<b>total</b>	<b>15</b>

**NOTES:**

1. Biology majors must demonstrate satisfactory mathematics placement scores prior to enrolling in their intended chemistry, mathematics or physics courses (*see mathematics placement policy in Catalog under Academic Information*).
2. BI 141 Freshman Biology Seminar is strongly recommended.
3. Twenty-one additional hours required from biology and environmental science, including at least three courses from BI 342/L, 371/L, 422/L, 432/L, and 462/L.
4. For students planning to attend graduate or professional school, biochemistry and calculus are strongly recommended.
5. Majors must be careful in selection of electives so that a sufficient number of upper division courses are taken. A minimum of 36 hours of 300+ courses is required for graduation.

\*Indicates alternating year course.

Underlining indicates required for major.