

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

**BIOLOGY B.S. DEGREE****Advisor: Drs. B. Evans and Burch**

<b>Fall 2009</b>			<b>Spring 2010</b>		
BI 141:	Freshman Biology Seminar <sup>3</sup>	2	<u>BI 161:</u>	<u>Cell Biology</u>	4
CH 161:	<u>Principles of Chemistry I</u>	4	CH 162:	<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
PE 110:	Introduction to Physical Wellness	1	115:	Introduction to AR/MU/TH	2
SS 111:	University Life <sup>2</sup>	.5			
	Core Curriculum Social Science	3			
	<b>total</b>	<b>16.5</b>		<b>total</b>	<b>16</b>
<b>Fall 2010</b>			<b>Spring 2011</b>		
CH 263:	<u>Organic Chemistry I</u>	4	* <u>BI 222:</u>	<u>Zoology</u>	4
MA 151:	<u>Probability and Statistics</u>	4	CH 264:	<u>Organic Chemistry II</u>	4
BR 111:	Biblical History and Literature	3	CO 215:	Public Speaking	3
PE 111:	Physical Education Activities	1	MI 285:	Core Curriculum Christian Faith	3
	Core Curriculum Social Science	3		Creative Studio Arts	1
	<b>total</b>	<b>15</b>		<b>total</b>	<b>15</b>
<b>Fall 2011</b>			<b>Spring 2012</b>		
* <u>BI 261:</u>	<u>Botany</u>	4	* <u>BI 362:</u>	<u>Plant Physiology</u>	4
PH 211:	<u>Principles of Physics I</u>	4	* <u>BI 451:</u>	<u>Biology Seminar</u>	2
* CH 411:	Biochemistry <sup>5</sup>	3	<u>PH 212:</u>	<u>Principles of Physics II</u>	4
MA 171:	Analytic Geometry & Calculus I <sup>5</sup>	4	MA 172:	Analytical Geometry & Calc II <sup>5</sup>	4
				Elective [300+ level] <sup>6</sup>	2
	<b>total</b>	<b>15</b>		<b>total</b>	<b>16</b>
<b>Fall 2012</b>			<b>Spring 2013</b>		
* <u>BI 321:</u>	<u>Genetics</u>	4	<u>BI/ES</u> :	<u>Elective [300+level]<sup>4</sup></u>	8
* <u>ES 211:</u>	<u>Environmental Resources</u>	4	BR___:	Bible Elective [300+ level]	3
<u>BI/ES</u> :	<u>Elective [300+ level]<sup>4</sup></u>	8	CAP 475:	Capstone Seminar	2
			PL___:	Introduction to Philosophy/Ethics	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. SS 111 is required in the fall semester of the freshman year for first-time freshman only.
3. BI 141 Freshman Biology Seminar is strongly recommended.
4. Sixteen additional hours required from biology and environmental science, including at least two courses from BI 342/L, 371/L, 422/L, 432/L, and 461.
5. For students planning to attend graduate or professional school, biochemistry and calculus are strongly recommended.
6. 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.