

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

**BIOLOGY B.S. DEGREE**  
**Pre-Med Program**

**Advisor: Dr. Evans**

Fall 2007			Spring 2008		
BI 141:	Freshman Biology Seminar <sup>1</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
BR 111:	Biblical History and Literature	3		Core Curriculum Social Science	3
PE 110:	Introduction to Physical Wellness	1			
	<b>total</b>	<b>16</b>		<b>total</b>	<b>17</b>
Fall 2008			Spring 2009		
CH 263:	<u>Organic Chemistry I</u>	4	CH 264:	<u>Organic Chemistry II</u>	4
MA 171:	<u>Analytical Geometry &amp; Calc I</u> <sup>2,3</sup>	4	PH 212:	<u>Principles of Physics II</u>	4
PH 211:	<u>Principles of Physics I</u>	4	BI 242:	Human Anatomy & Physiology II <sup>3</sup>	4
BI 241:	Human Anatomy & Physiology I <sup>3</sup>	4	MA 172:	Analytical Geometry & Calc II <sup>3</sup>	4
			PE 111:	Physical Education Activities	1
	<b>total</b>	<b>16</b>		<b>total</b>	<b>17</b>
Fall 2009			Spring 2010		
* <u>BI 261:</u>	<u>Botany</u>	4	* <u>BI 342:</u>	<u>Human Physiology</u> <sup>3,4</sup>	4
* <u>BI 371:</u>	<u>Comparative Embryology</u> <sup>3,4</sup>	4	* <u>BI 362:</u>	<u>Plant Physiology</u>	4
MI 285:	Core Curriculum Christian Faith	3	* <u>BI 451:</u>	<u>Biology Seminar</u>	2
PL____:	Introduction to Philosophy/Ethics	3	CO 215:	Public Speaking	3
115:	Introduction to AR/MU/TH	2		Creative Studio Arts	2
				Elective [300+ level] <sup>5</sup>	2
	<b>total</b>	<b>16</b>		<b>total</b>	<b>17</b>
Fall 2010			Spring 2011		
* <u>BI 321:</u>	<u>Genetics</u>	4	* <u>BI 222:</u>	<u>Zoology</u>	4
* <u>ES 211:</u>	<u>Environmental Resources</u>	4	* <u>BI 432:</u>	<u>Microbiology</u> <sup>3,4,5</sup>	4
BR____:	Bible Elective [300+ level]	3	* <u>BI 461:</u>	<u>Introduction to Neuroscience</u> <sup>3,4</sup>	4
CAP475:	Capstone Seminar	2	* CH 411:	<u>Biochemistry</u> <sup>3</sup>	3
	Core Curriculum Social Science	3			
	<b>total</b>	<b>16</b>		<b>total</b>	<b>15</b>

**NOTES:**

- BI 141 Freshman Biology Seminar is strongly recommended.
- Either MA 151 or MA 171 will fulfill the mathematics requirement.
- The minimum courses recommended for preparation for medical, dental, optometry, or veterinary school and for the appropriate standardized admission test include BI 161/L, 222/L, 321/L, 342/L; CH 161/L, 162/L, 263/L, 264/L; PH 211/L, 212/L; and MA 151 or 171. Additional recommended courses include BI 231/L, BI 371/L, BI 432/L, BI 461; CH 411; and MA 171 and 172.
- 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.
- 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.