

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 2011			Spring 2012		
BI 141:	Freshman Biology Seminar ²	1	<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	MI 285:	Core Curriculum Christian Faith	3
PE 110:	Introduction to Physical Wellness	1			
	total	15		total	17
Fall 2012			Spring 2013		
CH 263:	<u>Organic Chemistry I</u>	4	CH 264:	<u>Organic Chemistry II</u>	4
BI 241:	<u>Human Anatomy & Phys I</u> ^{4,5}	4	PH 212:	<u>Principles of Physics II</u>	4
MA 171:	<u>Analytical Geometry & Calc I</u> ^{3,4}	4	BI 242:	<u>Human Anatomy & Phys II</u> ⁴	4
PH 211:	<u>Principles of Physics I</u>	4	MA 172:	<u>Analytical Geometry & Calc II</u> ⁴	4
	total	16		total	16
Fall 2013			Spring 2014		
* <u>BI 261:</u>	<u>Botany</u>	4	* <u>BI 342:</u>	<u>Human Physiology</u> ^{4,5}	4
* <u>BI 371:</u>	<u>Comparative Embryology</u> ^{4,5}	4	* <u>BI 451:</u>	<u>Seminar in Biology</u>	1
* CH 411:	Biochemistry ⁴	3	PE 111:	Physical Education Activities	1
MI 285:	Core Curriculum Social Science	3		Core Curriculum Social Science	3
115:	Introduction to AR/MU/TH	2		Elective [300 + level] ⁶	5
	total	16		total	14
Fall 2014			Spring 2015		
* <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>General Microbiology</u> ^{4,5}	4
CO 215:	Public Speaking	3	* <u>BI 422:</u>	<u>Ecology</u> ^{4,5}	3
PL____:	Introduction to Philosophy/Ethics	3	BR____:	Bible Elective [300+ level]	3
				Creative Studio Arts	1
	total	15		total	15

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. Either MA 151 or MA 171 will fulfill the mathematics requirement.
4. 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 241/L, BI 242/L, BI 371/L, BI 432/L; CH 411; and MA 171 and 172.
5. Twenty 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.
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.