

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**

Fall 2013			Spring 2014		
<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 ²	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
PE 110:	Introduction to Physical Wellness	1	115:	Introduction to AR/MU/TH	2
	Core Curriculum Social Science	3			
	total	15		total	16
Fall 2014			Spring 2015		
* <u>BI 321:</u>	<u>Genetics</u>	4	<u>CH 264:</u>	<u>Organic Chemistry II</u>	4
<u>CH 263:</u>	<u>Organic Chemistry I</u>	4	<u>BI/ES :</u>	<u>Elective [300+level]³</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
	Creative Studio Arts	1	PE 111:	Physical Education Activities	1
	total	16		total	15
Fall 2015			Spring 2016		
* <u>BI 261:</u>	<u>Botany</u>	4	* <u>BI 451:</u>	<u>Seminar in Biology</u>	1
<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>Biochemistry⁴</u>	3	<u>BI/ES :</u>	<u>Elective [300+level]³</u>	3
MA 171:	Analytic Geometry & Calculus I ⁴	4	MA 172:	Analytic Geometry & Calc II ⁴	4
				Core Curriculum Social Science	3
	total	15		total	15
Fall 2016			Spring 2017		
* <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]³</u>	8	<u>BI/ES :</u>	<u>Elective [300+level]³</u>	6
	Elective [300+ level] ⁵	4	BR___:	Bible Elective [300+ level]	3
			PL___:	Introduction to Philosophy/Ethics	3
	total	16		total	16

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.