

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

**BIOLOGY B.S. DEGREE**

**Advisor: Drs. B. Evans and Burch**

**Fall 2005**

HS 115: Hist Persp on Cult & Civ I	3
EN 121: Academic Writing & Research	3
PE 110: Introduction to Physical Wellness	1
115: Introduction to AR/MU/TH	2
BI 141: Freshman Biology Seminar <sup>1</sup>	2
<u>CH 161: Principles of Chemistry I</u>	4

total 15

**Spring 2006**

HS 116: Hist Persp on Cult & Civ II	3
BR 111: Biblical History & Literature	3
Core Curriculum Social Science	3
<u>CH 162: Principles of Chemistry II</u>	4
<u>BI 161: Cell Biology</u>	4

total 14

**Fall 2006**

EN 151: Introduction to Literature	3
PE 111: Physical Education Activities	1
* <u>BI 321: Genetics</u>	4
<u>CH 263: Organic Chemistry I</u>	4
<u>MA 151: Probability and Statistics<sup>2</sup></u>	4

total 16

**Spring 2007**

Core Curriculum Social Science	3
MI 285: Understanding the Christian Faith	3
CO 215: Public Speaking	3
* <u>BI 222: Zoology</u>	4
<u>CH 264: Organic Chemistry II</u>	4

total 17

**Fall 2007**

MA 171: Analytic Geom & Calc I <sup>5</sup>	4
<u>BI/ES: Elective<sup>4</sup> [300+ level]</u>	4
* <u>BI 261: Botany</u>	4
<u>PH 211: Principles of Physics I</u>	4

total 16

**Spring 2008**

MA 172: Analytical Geom & Calc II <sup>5</sup>	4
* <u>BI 451: Biology Seminar</u>	2
<u>BI 362: Plant Physiology<sup>3</sup></u>	4
* <u>CH 411: Biochemistry<sup>5</sup></u>	3
<u>PH 212: Principles of Physics II</u>	4

total 17

**Fall 2008**

Electives [300+ level]	2
BR : Bible Elective [300+ level]	3
PL 220: Introduction to Philosophy	3
<u>BI/ES: Elective<sup>4</sup> [300+ level]</u>	4
* <u>ES 211: Environmental Resources</u>	4

total 16

**Spring 2009**

CAP 475: Capstone Seminar	2
Applied Creative Arts	2
Electives	2
<u>BI/ES: Elective<sup>4</sup> [300+ level]</u>	8

total 14

**NOTES:**

- BI 141 Freshman Biology Seminar is strongly recommended.
- Either MA 151, CS 111 or CS 116 will fulfill the introductory mathematics requirement.
- BI 442 may be taken in place of BI 362.
- Of the 16 hours of biology/natural resources electives, two courses must be completed from BI 342/L, 371/L, 422/L, 432/L, 461, and 482.
- Chemistry, physics, and mathematics options may vary; the courses shown here are strongly recommended for students planning to attend graduate school.
- Students should be sure that at least 12 of the 16 hours of BI/ES electives are 300 level or above.
- 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.