



**Bachelor of Science in Biology  
Concentration in General Biology  
Degree Program Checklist**

Student: \_\_\_\_\_ ID#: \_\_\_\_\_ Advisor: \_\_\_\_\_

<u>Class</u>	<u>Hours</u>	<u>Grade</u>	<u>Semester</u>
<b>General Education (46 Hours):</b>			
<b>Humanities/Fine Arts:</b>			
EN 101 Composition	3	_____	_____
EN 102 Composition and Literature	3	_____	_____
HI 201 American History I	3	_____	_____
BU 105 Leadership and Public Speaking	3	_____	_____
FA 110 Art, Lit., Mus.: Appreciation & Worldview	3	_____	_____
PH 210 Introduction to Logic	3	_____	_____
<b>Social/Behavioral Sciences:</b>			
PO 101 American National Government	3	_____	_____
PY 220 Human Growth and Development	3	_____	_____
<b>Natural Science/Mathematics:</b>			
BI 101 Concepts in Biology	4	_____	_____
<b>Great Commission Studies:</b>			
CS 101 Bible Survey	3	_____	_____
CS 322 Christian Theology I	3	_____	_____
CS 323 Christian Theology II	3	_____	_____
CS/HI 330 Baptist History	3	_____	_____
MI 251 Intro to the Great Commission	3	_____	_____
<b>Other Institutional Requirements:</b>			
ES 101 Physical Well Being I with Activity Lab	1	_____	_____
ES 102 Physical Well Being II with Activity Lab	1	_____	_____
TM 100 Pathfinders	1	_____	_____

**Degree Requirement:**

This degree requires a grade of C- or higher in all math and science courses.

**Application for Major Requirement:**

- Students should submit an "Application for Major" to the School of STEM prior to registering for junior year classes.
- School acceptance of the "Application for Major" is a graduation requirement.

<u>Class</u>	<u>Hours</u>	<u>Grade</u>	<u>Semester</u>
<b>Support Courses (35 Hours):</b>			
<b>Mathematics Core (11 hours)</b>			
MA 200 Statistics	3	_____	_____
MA 220 Calculus w/ Analytic Geometry	4	_____	_____
MA 221 Integral Calculus	4	_____	_____
<b>Physical Science Core (24 hours)</b>			
CH 121 General Chemistry I	4	_____	_____
CH 122 General Chemistry II	4	_____	_____
CH 240 Basic Organic Chemistry I	4	_____	_____
CH 241 Basic Organic Chemistry II	4	_____	_____
PX 101 Introductory Physics I	4	_____	_____
PX 102 Introductory Physics II	4	_____	_____
<b>Biological Sciences Core (16 hours)</b>			
BI 107 Principles of Biology I	4	_____	_____
BI 108 Principles of Biology II	4	_____	_____
BI 212 Anatomy and Physiology I	4	_____	_____
BI 213 Anatomy and Physiology II	4	_____	_____
<b>Biological Sciences Concentration (at least 33 hours)*+</b>			
_____	___	_____	_____
_____	___	_____	_____
_____	___	_____	_____
_____	___	_____	_____
_____	___	_____	_____
_____	___	_____	_____
_____	___	_____	_____
_____	___	_____	_____
NS 321 Origins	3	_____	_____
NS 498 History, Philosophy, Ethics of Science	3	_____	_____
BI 497 Biology Capstone Research	2	_____	_____
BI 498 Biology Capstone Presentation	1	_____	_____
<b>TOTAL HOURS</b>		<b>130</b>	

\*Choose at least two courses from each of the following categories: Physiology/Molecular Biology courses (BI 300, BI 301, BI 340, BI 420) and Ecology/Organismal Biology (BI 302, BI 415, BI 425, BI 430).

+After fulfilling the Physiology/Molecular Biology and Ecology/Organismal Biology 300/400 level requirements, the student may also choose to include other 300/400 level courses including but not limited to BI 440A-D, BI 460, and CH 340. 300/400 level electives must sum to at least 24 hours.