



**Bachelor of Science in Biology
Concentration in Pre-Health Sciences
Degree Program Checklist**

Student: _____ ID#: _____ Advisor: _____

<u>Class</u>	<u>Hours</u>	<u>Grade</u>	<u>Semester</u>
General Education (46 Hours):			
Humanities/Fine Arts:			
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	_____	_____
Social/Behavioral Sciences:			
PO 101 American National Government	3	_____	_____
PY 220 Human Growth and Development	3	_____	_____
Natural Science/Mathematics:			
BI 101 Concepts in Biology	4	_____	_____
Great Commission Studies:			
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	_____	_____
Other Institutional Requirements:			
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>
Support Courses (34 Hours):			
Mathematics Core (7 hours)			
MA 200 Statistics	3	_____	_____
MA 220 Calculus w/ Analytic Geometry	4	_____	_____
Sociology Core (3 hours)			
SO 260 Social Problems	3	_____	_____
Physical Science Core (24 hours)			
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	_____	_____
Biological Sciences Core (20 hours)			
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	_____	_____
BI 250 Microbiology	4	_____	_____
Biological Sciences Concentration (at least 33 hours)*+			
_____	—	_____	_____
_____	—	_____	_____
_____	—	_____	_____
_____	—	_____	_____
_____	—	_____	_____
_____	—	_____	_____
_____	—	_____	_____
_____	—	_____	_____
NS 321 Origins	3	_____	_____
NS 498 History, Philosophy, Ethics of Science	3	_____	_____
BI 497 Biology Capstone Research	2	_____	_____
BI 498 Biology Capstone Presentation	1	_____	_____

TOTAL HOURS 133

*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.