



**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>
<b>General Education (46 Hours):</b>			
<b>Humanities/Fine Arts:</b>			
EN 101 Composition	3	_____	_____
EN 102 Composition and Literature	3	_____	_____
BU 105 Leadership and Public Speaking	3	_____	_____
PH 210 Introduction to Logic	3	_____	_____
*Choose 1: <u>HI 201</u> or <u>HI 202</u>	3	_____	_____
*Choose 1: <u>FA 110</u> , <u>AR 105</u> , <u>EN 201</u> , <u>EN 202</u> , <u>EN 221</u> , <u>EN 222</u> , <u>EN 231</u> , <u>EN 232</u> , <u>MU 105</u> , <u>TH 101</u>	3	_____	_____
<b>Social/Behavioral Sciences:</b>			
PO 101 American National Government	3	_____	_____
*Choose 1: <u>PY 210</u> or <u>PY 220</u>	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 History of the Free Church	3	_____	_____
MI 251 Intro to the Great Commission	3	_____	_____
<b>Other Institutional Requirements:</b>			
ES 100 Physical Well Being	2	_____	_____
TM 100 Pathfinders	1	_____	_____

\*Major required courses may not also be counted as General Education.

**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 (34 Hours):</b>			
<b>Mathematics Core (7 hours)</b>			
MA 200 Statistics	3	_____	_____
MA 220 Calculus w/ Analytic Geometry	4	_____	_____
<b>Sociology Core (3 hours)</b>			
SO 260 Social Problems	3	_____	_____
<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 (20 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	_____	_____
BI 250 Microbiology	4	_____	_____
<b>Biological Sciences Concentration (at least 33 hours)*</b>			
Cell and Molecular Biology (3-4 hours)			
_____	_____	_____	_____
Ecology & Organism Biology (3-4 hours)	_____	_____	_____
_____	_____	_____	_____
Microbiology (3-4 hours)	_____	_____	_____
_____	_____	_____	_____
Physiology (3-4 hours)	_____	_____	_____
_____	_____	_____	_____
Open Science Selectives (8-12 hours)	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
Required Science Courses (9 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	_____	_____
<b>TOTAL HOURS</b>		<b>133</b>	

\*Eligible Cell & Molecular Biology, Ecology & Organism Biology, Microbiology, Physiology, and Open Science Selective courses are listed on the School of STEM Webpage (<https://truett.edu/degrees/biology/>)