

Truett McConnell University
Bachelor of Science in Biology: Pre-Health Sciences Concentration
Math Competent Curriculum Outline

In order to complete this degree program in four (4) years, students need to have been granted exemption by examination or taken and passed, with a C- or above, Mathematics Review and Beginning Algebra (MA 098), Intermediate Algebra (MA 099), College Algebra (MA 102), and Pre-Calculus (MA 116) before entering the fall semester of their Freshman year. If any of these math courses are required (MA 098, MA 099, MA 102, and MA 116) prior to entrance to MA 200 and MA 220 this degree program will require extra time to complete and *Hope scholarship eligibility maybe difficult to maintain*. **In addition, any students that drop or withdraw from courses, may require additional time to complete the degree program. You should follow this outline (Math Competent) if you do have the ability to immediately enter **MA 220** in your first semester at Truett McConnell University.

Fall Semester – Year 1 (16 Hours)		Spring Semester – Year 1 (16 Hours)	
EN 101 Composition	3	EN 102 Composition and Literature	3
MA 220 Calculus with Analytical Geometry	4	SO 260 Social Problems	3
CH 121 General Chemistry I	4	CH 122 General Chemistry II	4
BI 101 Concepts in Biology	4	CS 101 Bible Survey	3
TM 100 Pathfinders	1	PO 101 American National Government	3

Fall Semester – Year 2 (17 Hours)		Spring Semester – Year 2 (17 Hours)	
BI 107 Principles of Biology I	4	BI 108 Principles of Biology II	4
CH 240 Basic Organic Chemistry I	4	CH 241 Basic Organic Chemistry II	4
MA 200 Statistics	3	BU 105 Leadership and Public Speaking	3
CS 322 Christian Theology I	3	CS 323 Christian Theology II	3
PY 220 Human Growth and Development	3	HI 201 American History I	3

**** Student submits application for entry into Bachelor of Science in Biology program during spring semester of second year.**

Fall Semester – Year 3 (16 Hours)		Spring Semester – Year 3 (18 Hours)	
PX 101 Introductory Physics I	4	PX 102 Introductory Physics II	4
BI 212 Anatomy and Physiology I	4	BI 213 Anatomy and Physiology II	4
BI 300/400 Elective	4	PH 210 Introduction to Logic	3
BI 300/400 Elective	4	BI 300/400 Elective	3
		BI 401 Biology Seminar A	1
		CS 330 History of the Free Church	3

Fall Semester – Year 4 (16 Hours)		Spring Semester – Year 4 (17 Hours)	
BI 497 Capstone Research	2	BI 498 Capstone Presentation and Paper	1
NS 321 Origins	3	NS 498 History, Philosophy, Ethics of Science	3
BI 300/400 Elective	4	BI 300/400 Elective	3
BI 300/400 Elective	4	BI 401 Biology Seminar B	1
MI 251 Intro. to the Great Commission	3	BI 250 Microbiology	4
		FA 110 Art, Lit, Music Appreciation and Worldview	3
		ES 100 Physical Wellbeing	2

Truett McConnell University
Bachelor of Science in Biology: Pre-Health Sciences Concentration
Math Improvement Curriculum Outline

In order to complete this degree program in four (4) years, students need to have been granted exemption by examination or taken and passed, with a C- or above, Mathematics Review and Beginning Algebra (MA 098) and Intermediate Algebra (MA 099) before entering the fall semester of their Freshman year. If these developmental math courses are required (MA 098 and MA 099) prior to entrance to MA 102, this degree program will require extra time to complete and *Hope scholarship eligibility maybe difficult to maintain*. **In addition, any students that drop or withdraw from courses, may require additional time to complete the degree program. You should follow this outline (Math Improvement) if you do not have the ability to enter **MA 102** in your first semester at Truett McConnell University.

Fall Semester – Year 1 (15 Hours)		Spring Semester – Year 1 (16 Hours)	
EN 101 Composition	3	EN 102 Composition and Literature	3
MA 102 College Algebra	3	MA 116 Precalculus	3
CH 121 General Chemistry I	4	CH 122 General Chemistry II	4
BI 101 Concepts in Biology	4	CS 101 Bible Survey	3
TM 100 Pathfinders	1	PO 101 American National Government	3

Summer Semester – Year 1 (6 Hours)	
MA 200 Statistics	3
BU 105 Leadership and Public Speaking	3

Fall Semester – Year 2 (17 Hours)		Spring Semester – Year 2 (17 Hours)	
BI 107 Principles of Biology I	4	BI 108 Principles of Biology II	4
CH 240 Basic Organic Chemistry I	4	CH 241 Basic Organic Chemistry II	4
MA 220 Calculus with Analytical Geometry	4	SO 260 Social Problems	3
CS 322 Christian Theology I	3	CS 323 Christian Theology II	3
ES 100 Physical Wellbeing	2	HI 201 American History I	3

**** Student submits application for entry into Bachelor of Science in Biology program during spring semester of second year.**

Summer Semester – Year 2 (6 Hours)	
PY 220 Human Growth and Development	3
PH 210 Introduction to Logic	3

Fall Semester – Year 3 (16 Hours)		Spring Semester – Year 3 (15 Hours)	
PX 101 Introductory Physics I	4	PX 102 Introductory Physics II	4
BI 212 Anatomy and Physiology I	4	BI 213 Anatomy and Physiology II	4
BI 300/400 Elective	4	BI 300/400 Elective	3
BI 300/400 Elective	4	BI 401 Biology Seminar A	1
		CS 330 History of the Free Church	3

Fall Semester – Year 4 (16 Hours)		Spring Semester – Year 4 (15 Hours)	
BI 497 Capstone Research	2	BI 498 Capstone Presentation and Paper	1
NS 321 Origins	3	NS 498 History, Philosophy, Ethics of Science	3
BI 300/400 Elective	4	BI 300/400 Elective	3
BI 300/400 Elective	4	BI 401 Biology Seminar B	1
MI 251 Intro. to the Great Commission	3	BI 250 Microbiology	4
		FA 110 Art, Lit, Music Appreciation and Worldview	3