

Truett McConnell University

Bachelor of Science in Exercise Science

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), and Developmental Grammar and Composition (EN 099) before entering the fall semester of their Freshman year. If any of these math or english courses are required (MA 098, MA 099, and/or EN 099) prior to entrance to MA 102 and/or EN 101, this degree program may require extra time to complete. **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 have the ability to enter **MA 102 and EN 101** your Freshman year.

Fall Semester – Year 1 (16 Hours)		Spring Semester – Year 1 (16 Hours)	
EN 101 Composition	3	EN 102 Composition and Literature	3
MA 102 College Algebra	3	MA 200 Statistics	3
ES 110 Introduction to Exercise Science	1	ES 210 Corporate Wellness	3
PE 120 First Aid and CPR	1	BU 105 Leadership and Public Speaking	3
BI 101 Concepts in Biology	4	PY 220 Human Growth and Development	3
ES 101 Physical Wellbeing I	1	ES 102 Physical Wellbeing II	1
CS 101 Bible Survey	3		
FD 100 Introduction	0		

Fall Semester – Year 2 (15 Hours)		Spring Semester – Year 2 (17 Hours)	
BI 107 Principles of Biology I	4	BI 108 Principles of Biology II	4
CH 121 General Chemistry I	4	CH 122 General Chemistry II	4
CS 322 Christian Theology I	3	CS 323 Christian Theology II	3
HI 201 American History I	3	CS/HI 330 Baptist History	3
FD 200 Christian Worldview	1	PH 210 Introduction to Logic	3

**** Student submits application for entry into exercise science program during spring semester of sophomore year.**

Fall Semester – Year 3 (15 Hours)		Spring Semester – Year 3 (17 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
ES/NU 330 Pharmacology	3	ES 350 Human Nutrition	3
ES 340 Exercise Prescription and Fitness Assessment	4	ES 420 Psychological Aspects of Athletic Performance	3
FD 300 Ministry Project	0	Elective	3

Fall Semester – Year 4 (15 Hours)		Spring Semester – Year 4 (14 Hours)	
ES 498 Capstone Research	2	ES 499 Capstone Presentation and Paper	1
ES 310 Physiology of Exercise	4	ES 410 Physiological Aspects of Training for Sports	3
MI 251 Exercise Science Mission Trip	3	ES 320 Anatomical Kinesiology	4
FA 110 Art, Lit., Music Appreciation & Worldview	3	PO 101 American National Government	3
Elective	3	Elective	3
FD 400 Capstone	0		

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Bachelor of Science in Exercise Science

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), Intermediate Algebra (MA 099), and Developmental Grammar and Composition (EN 099) before entering the fall semester of their Freshman year. If any of these math or english courses are required (MA 098, MA 099, and/or EN 099) prior to entrance to MA 102 and/or EN 101, this degree program may require extra time to complete. **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 and EN 101** your Freshman year.

Fall Semester – Year 1 (16 Hours)		Spring Semester – Year 1 (16 Hours)	
EN 099 Developmental Grammar and Composition	3	EN 101 Composition	3
MA 098/MA 099 (7 week courses; 6 hrs per week)	6	MA 102 College Algebra	3
ES 110 Introduction to Exercise Science	1	ES 210 Corporate Wellness	3
PE 120 First Aid and CPR	1	CS 101 Bible Survey	3
BI 101 Concepts in Biology	4	PY 220 Human Growth and Development	3
ES 101 Physical Wellbeing I	1	ES 102 Physical Wellbeing II	1
FD 100 Introduction	0		

Summer Semester – Year 1 (3 Hours)	
EN 102 Composition and Literature	3

Fall Semester – Year 2 (18 Hours)		Spring Semester – Year 2 (17 Hours)	
BI 107 Principles of Biology I	4	BI 108 Principles of Biology II	4
CH 121 General Chemistry I	4	CH 122 General Chemistry II	4
CS 322 Christian Theology I	3	CS 323 Christian Theology II	3
HI 201 American History I	3	CS/HI 330 Baptist History	3
MA 200 Statistics	3	BU 105 Leadership and Public Speaking	3
FD 200 Christian Worldview	1		

**** Student submits application for entry into exercise science program during spring semester of sophomore year.**

Fall Semester – Year 3 (15 Hours)		Spring Semester – Year 3 (17 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
ES/NU 330 Pharmacology	3	ES 350 Human Nutrition	3
ES 340 Exercise Prescription and Fitness Assessment	4	ES 420 Psychological Aspects of Athletic Performance	3
FD 300 Ministry Project	0	PH 210 Introduction to Logic	3

Fall Semester – Year 4 (15 Hours)		Spring Semester – Year 4 (17 Hours)	
ES 498 Capstone Research	2	ES 499 Capstone Presentation and Paper	1
ES 310 Physiology of Exercise	4	ES 410 Physiological Aspects of Training for Sports	3
MI 251 Exercise Science Mission Trip	3	ES 320 Anatomical Kinesiology	4
FA 110 Art, Lit., Music Appreciation & Worldview	3	PO 101 American National Government	3
Elective	3	Elective	3
FD 400 Capstone	0	Elective	3