



**Bachelor of Science in Middle Grades Education
Math/Science Concentration
Degree Program Checklist**

Student: _____ ID#: _____ Advisor: _____

<u>Class</u>	<u>Hours</u>	<u>Grade</u>	<u>Semester</u>
General Education (40 Hours):			
CO 105 Introduction to Public Speaking	3	_____	_____
EN 101 Composition	3	_____	_____
EN 102 Composition and Literature	3	_____	_____
ES 100 Physical Well Being	2	_____	_____
*Choose 1: HI 201 American History I			
HI 202 American History II	3	_____	_____
PH 210 Introduction to Logic	3	_____	_____
PO 101 American National Government	3	_____	_____
*Choose 1: PY 210 General Psychology			
PY 220 Human Growth & Development			
PY 260 Brain and Behavior	3	_____	_____
**TM 100 Pathfinders	1	_____	_____
*Choose 1: AR 105 Art Appreciation & Criticism			
EN 201 or EN 202 English Literature Survey I or II			
EN 221 or EN 222 World Masterpieces Survey I or II			
EN 231 or EN 232 American Literature Survey I or II			
FA 110 Art, Literature, & Music Appreciation & Worldview			
MU 105 Music Appreciation			
TH 101 Theatre Appreciation	3	_____	_____
*Choose 1: BI 101 Concepts in Biology			
NS 101 & Science with Lab***	1 or 4	_____	_____
Great Commission Studies:			
CS 101 Bible Survey	3	_____	_____
*Choose 1: CS 120 Theological Survey			
CS 322 Christian Theology I			
CS 323 Christian Theology II	3	_____	_____
CS 230 History of the Free Church	3	_____	_____
MI 201 Great Commission Living	3	_____	_____

* Major required courses may not also be counted as General Education.
 ** First time college students entering TMU with a High School GPA below 3.0 are required to take TM 101A, 0 credit study skills course, along with TM 100.
 *** Students who do not take BI 101, Concepts in Biology, must fulfill this requirement with any 100 level science course with a lab component (4 credit hours) along with NS 101.

Class**Hours****Grade****Semester****Major Related (24 Hours):**

CH 121 General Chemistry I	4	_____	_____
ED 205 Investigating Issues in Education	3	_____	_____
ED 250 Intro to Teaching & Learning	3	_____	_____
ED 290 Intro to Differences of Learners	3	_____	_____
MA 116 Pre-Calculus	3	_____	_____
MA 220 Calculus with Analytic Geometry	4	_____	_____
PS 102 Physical Science Survey II	4	_____	_____

Upper Level Major (58 Hours)

Admission to Teacher Education Required for ALL Upper Level Designated Courses

Major Courses (35 Hours):

BI 107 Principles of Biology I	4	_____	_____
BI 108 Principles of Biology II	4	_____	_____
ED 306 Science Methods for Middle Grades	3	_____	_____ (3)
LA 304 Integrating LA for Adolescent Learner*	3	_____	_____ (2)
MA 200 Elementary Statistics	3	_____	_____ (3)
MA 301 Number Systems	3	_____	_____ (1)
MA 302 Informal Geometry	3	_____	_____ (2)
MA 303 Middle Grades Math Pedagogy*	3	_____	_____ (1)
MA 401 Teaching Algebra for Middle Grades*	3	_____	_____ (2)
PS 301 Physical Science for Elementary and Middle School Teachers	3	_____	_____ (2)
PS 302 Earth Science for Middle Grades	3	_____	_____ (2)

Field Placement and Child Development (27 Hours):

ED 309 Middle Grades Practicum*	3	_____	_____ (1)
ED 310 The Child, The Family, & The Community*	3	_____	_____ (1)
ED 340 Curriculum & Assessment**	6	_____	_____ (3)
ED 440 Professional Internship***	10	_____	_____ (4)
ED 441 Assessment Practicum***	3	_____	_____ (4)
ED 444 Professionalism Seminar***	2	_____	_____ (4)

Degree Requirement:

This degree requires students to obtain a grade of C or higher in ALL courses.

TOTAL HOURS 126

Students in this program take upper level courses sequentially. Courses labeled (1) in the semester column are taken fall of the junior year. Courses labeled (2) are taken spring of the junior year. Courses labeled (3) and (4) are taken fall and spring of the senior year.

*Level I admission required

**Level II admission required

***Level III admission required