



TMU Graduation Requirements

- Complete a minimum of 122 semester units of credit.
- Complete a minimum of 40 semester units in upper division courses. Includes 300 & 400 level courses.
- Satisfy all General Education requirements.
- Complete the required curriculum for the chosen major's field(s) of study.
- Maintain a minimum GPA of 2.00 (cumulative) in all TMU Courses. *Some majors have different GPA requirements.*
- Complete a minimum of 32 semester units at TMU, not including Directed Studies coursework.
- A maximum of 12 units can be transferred to complete degree requirements after the last 12 units taken at TMU.

GENERAL EDUCATION

SCRIPTURE SET *Transfer students: Students who transfer with 24 or more units are required to take 1 Bible Gen Ed. per semester of enrollment at TMU.*

Units	Term	All other students must complete all Bible Gen Ed.	Units	Term	
3		B121 Essentials of Christian Thought	3		B202 New Testament Survey II
3		B101 Old Testament Survey I	3		BTH321 Christian Theology I
3		B102 Old Testament Survey II*	3		BTH322 Christian Theology II
3		B201 New Testament Survey I*	21 Total		<i>*Or Non-Biblical Studies: IBEX300 with approval</i>

WORLDVIEW* AND SKILLS SET** *Depending on the student's major, certain G.E. requirements allow for substitutions.*

Units	Term		
3		C100 Spoken Communication**	<i>Or <u>Biblical Studies</u>: BMN310 Message Prep for Women, or BMN370 Sermon Prep & Delivery. <u>Business Administration</u> & <u>Marketing Media</u>: MGT330 Business Communication. <u>BM Music</u>: waived.</i>
3		E110 English Composition**	<i>Or 700+ score (Evidence-Based Reading & Writing section of SAT I), 3+ score (AP Language & Composition exam), 3+ score (AP Literature & Composition exam), 31+ score (English section of the ACT), 10+ score (WritePlacer exam from CollegeBoard), or 5+ score (Criterion Online Writing Evaluation Service from ETS).</i>
3		E__ General Literature Elective*	<i>Does not include: E322, E332 & E353. <u>BM Music</u>: waived.</i>
3		Essentials of Literature*	<i>E211 English Literature I, E212 English Literature II, E221 World Literature I, E222 World Literature II, E231 American Literature I, or E232 American Literature II.</i>
3		ECN200 Essentials of Economics & Society	<i>n/a</i>
3		GS150 Essentials of Geology* or LS150 Essentials of Biology*	<i>Or <u>Biological Science</u>: LS151 Organismic Biology. <u>Kinesiology</u>: LS321 Anatomy & LS322 Physiology.</i>
1		GS150 Essentials of Geology Lab** or LS150 Essentials of Biology Lab **	<i>Or <u>Biological Science</u>: LS151 Organismic Biology Lab. <u>Kinesiology</u>: LS321 Anatomy Lab & LS322 Physiology Lab.</i>
3		H211 Essentials of World History I*	<i>Or Pass World History Competency Exam & 3 units of Upper Division History. <u>BM Music</u>: H211 or H212. Students pursuing Single Subject Teaching Credential required to take both.</i>
3		H212 Essentials of World History II*	
3		H230 Essentials of U.S. History*	<i>n/a</i>
3		MA240 Critical Thinking & Quantitative Analysis**	<i>Or <u>Business Administration</u> & <u>Marketing Media</u>: BUS310 Statistics for Business. <u>Computer Science</u>: waived. <u>Liberal Studies/Teacher Ed.</u>: MA201, MA202 Math for Elementary School Teachers. <u>ALL</u>: MA101 Algebra & Trigonometry, MA121 Calculus or MA260 Statistics.</i>
3		MU190 Essentials of Music & Art*	<i>Or <u>Biblical Studies</u>: MU333/BMN333 Worship & Songs of the Church. <u>Music</u>: MU295 Music & Art for Musicians. <u>ALL</u>: ART338 Art History of the Western World.</i>
3		P311 Essentials of Philosophy*	<i>Or <u>English Ed.</u>, <u>History Ed.</u>, <u>Liberal Studies/Teacher Ed.</u>, <u>Music Ed.</u>, <u>Mathematics Ed.</u>, <u>Life Sciences Ed.</u>: P321 History and Philosophies of Education. <u>Music Production</u>: BCW367 Ethics. <u>Business Administration</u> & <u>Marketing Media</u>: BUS330 Ethics. <u>Biblical Studies</u>: BCW363 Apologetics.</i>
3		POL220 U.S. Government**	<i>Waived for non-U.S. citizens and non-resident aliens.</i>
40	Total	<i>(37 for Computer Science majors, 28 for BM Music majors.)</i>	

MAJOR: MATHEMATICS CORE COURSES

Units	Term	
3		CS111 Introduction to Computer Programming
3		MA121 Calculus I
3		MA122 Calculus II
3		MA221 Calculus III
3		MA231 Linear Algebra

Units	Term	
3		MA282 Ordinary Differential Equations
3		MA302 Introduction to Mathematical Proof
2		MA400 Mathematics Seminar
1		MA412 Integrated Review
24		Total

EMPHASIS: PURE MATHEMATICS

Units	Term	
2		MA222 Calculus IV
3		MA344 Modern Geometry
3		MA355 Number Theory/History of Mathematics
3		MA383 Complex Analysis
3		MA453 Abstract Algebra I
3		MA482 Topics in Mathematics
9		Approved upper division math electives:

50 Total (including Core courses)

EMPHASIS: MATHEMATICS EDUCATION

Units	Term	
3		MA253 Discrete Mathematics
3		MA260 Elementary Statistics
3		MA344 Modern Geometry
3		MA355 Number Theory/History of Mathematics
3		MA425 Mathematical Modeling
3		MA453 Abstract Algebra I
3		P321 History and Philosophies of Education *
3		Approved upper division math elective

48 Total (including Core courses)

**Pre-req. for teaching credential program. Fulfills G.E. requirement for P311.*

EMPHASIS: APPLIED MATHEMATICS

Units	Term	
2		MA222 Calculus IV
3		MA253 Discrete Mathematics
3		MA365 Probability
3		MA366 Mathematical Statistics
3		MA383 Complex Analysis
3		MA425 Mathematical Modeling
3		MA463 Numerical Analysis
3		MA482 Topics in Mathematics
3		Approved upper division math elective

50 Total (including Core courses)

EMPHASIS: PRE-ENGINEERING

Units	Term	
1		MA111 Introduction to Engineering
2		MA222 Calculus IV
3		MA425 Mathematical Modeling
3		MA463 Numerical Analysis
4		PS251 General Physics I
4		PS252 General Physics II

Choose three of the following:

3		MA365 Probability
3		MA383 Complex Analysis
3		MA366 Mathematical Statistics
3		MA482 Topics in Mathematics

50 Total (including Core courses)