



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 *Students who transfer with 24 or more units are required to take 1 Bible Gen Ed. per semester of enrollment at TMU; starting with all survey courses (B101, B102, B201, B202; any order), followed by BTH321/322 and B121. All other students must complete all Bible GE.*

Units	Term	
3		B121 Essentials of Christian Thought
3		B101 Old Testament Survey I
3		B102 Old Testament Survey II*
3		B201 New Testament Survey I*

Units	Term	
3		B202 New Testament Survey II
3		BTH321 Christian Theology I
3		BTH322 Christian Theology II
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	Course	Substitution
3		C100 Spoken Communication	<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> : not required.
3		E110 English Composition	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) 5+ score (Criterion Online Writing Evaluation Service from ETS)
3		E__ General Literature Elective	Does not include: E330, E353, E364, E435, E436, E491A, E491B. <u>BM Music</u> : not required.
3		Essentials of Literature	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.
3		ECN200 Essentials of Economics & Society	<u>BM Music</u> : not required.
3		GS150 Essentials of Geology or LS150 Essentials of Biolog	<u>Biological & Physical Science</u> : LS151 Organismic Biology. <u>Kinesiology & Physical Education</u> : LS321 Anatomy & LS322 Physiology.
1		GS150 Essentials of Geology Lab or LS150 Essentials of Biology Lab	<u>Biological & Physical Science</u> : LS151 Organismic Biology. <u>Kinesiology & Physical Education</u> : LS321 Anatomy & LS322 Physiology.
3		H211 Essentials of World History I	<u>ALL</u> : Pass World History Competency Exam & 3 units of Upper Division History.
3		H212 Essentials of World History II	<u>BM Music</u> : H211 or H212. <u>ALL</u> : Both req. for Single Subject Teaching Credential.
3		H230 Essentials of U.S. History	n/a
3		MA240 Critical Thinking & Quantitative Analysis	<u>Business Administration</u> & <u>Marketing Media</u> : BUS310 Statistics for Business. <u>Computer Science</u> : not required. <u>ALL</u> : MA101 Algebra & MA102 Trigonometry, or MA121 Calculus, or MA260 Statistics.
3		MU190 Essentials of Music & Art	<u>Biblical Studies</u> : BMN333/MU333 Worship & Songs of the Church. <u>Music</u> : MU295 Music & Art for Musicians. <u>ALL</u> : ART338 Art History of the Western World.
3		P311 Essentials of Philosophy	<u>English Ed.</u> , <u>History Ed.</u> , <u>Liberal Studies/Teacher Ed.</u> , <u>Life Sciences Ed.</u> , <u>Mathematics Ed.</u> , <u>Music Ed.</u> : P321 History and Philosophies of Education. <u>Music Production</u> : BCW367 Ethics. <u>Biblical Studies</u> : BCW363 Apologetics. <u>Business Administration</u> & <u>Marketing Media</u> : BUS330 Ethics.
3		POL220 U.S. Government	U.S. citizens (regardless of current country of residence) and resident aliens are NOT exempt from the POL220 requirement.
40	Total	(37 for Computer Science majors, 28 for BM Music majors.)	

Students are responsible for managing their own progress towards graduation. Faculty advisors are available to assist; however, given the fluidity of student progress, all students will ultimately assume responsibility for their graduation progress. This checklist does not replace the Academic Catalog.

ENGINEERING CORE COURSES

Units	Term	
3		CS121P Introduction to Computer Programming
3		MA121 Calculus I
3		MA122 Calculus II
3		MA221 Calculus III
3		MA231 Linear Algebra
4		CH151 General Chemistry I*

Units	Term	
4		PS251 General Physics I*
3		MA253 Discrete Mathematics
3		MA282 Ordinary Differential Equations
3		MA365 Probability
32	Total	*with corresponding lab.

MAJOR: COMPUTER ENGINEERING

Units	Term	
3		CS132S Data Structures & Algorithms
3		CS202H Computer Hardware
3		CS301A Computer Organization & Architecture
3		CS321O Operating Systems
3		ECE201C Analog Circuits
1		ECE201CL Analog Circuits Lab
3		ECE201D Digital System Design
1		ECE201DL Digital Design Lab
3		ECE302C Microelectronics
2		ECE302CL Microelectronics Lab

Units	Term	
3		ECE302D Digital Signal Processing
2		ECE302DL DSP Lab
3		ECE301S Semiconductors
3		ECE492S Senior Design Project

Choose 6 units of the following:

6		ECS Upper Division Electives General Upper Division Electives*
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74 Total (including Core courses)

*With approval.

MAJOR: ELECTRICAL ENGINEERING

Units	Term	
3		CS132S Data Structures & Algorithms
3		CS202H Computer Hardware
3		ECE201C Analog Circuits
1		ECE201CL Analog Circuits Lab
3		ECE201D Digital System Design
1		ECE201DL Digital Design Lab
3		ECE312E Electromagnetics
3		ECE301S Semiconductors
3		ECE302C Microelectronics
2		ECE302CL Microelectronics Lab

Units	Term	
3		ECE311S Signals and Systems
3		ECE302D Digital Signal Processing
2		ECE302DL DSP Lab
3		ECE411C Communication Systems
3		ECE492S Senior Design Project

Choose 3 units of the following:

3		ECS Upper Division Electives General Upper Division Electives*
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74 Total (including Core courses)

*With approval.

MAJOR: MECHANICAL ENGINEERING

3		ME201S Statics & Mechanics of Materials
1		ME201SL Statics Lab
3		ME211C CAD & SolidWorks
1		ME211CL CAD Lab
3		ECE201C Analog Circuits
1		ECE201CL Analog Circuits Lab
3		ME202D Dynamics
1		ME202DL Dynamics Lab
3		ME301F Fluid Mechanics
3		ME302K Kinematics & Robotics
1		ME302KL Kinematics Lab

Units	Term	
3		ME311T Thermodynamics
3		ME312H Heat Transfer
3		ME321M Machine Design
3		ME322D Design & Manufacturing
1		ME322DL Manufacturing Lab
3		ME492S Senior Design Project

Choose 3 units of the following:

3		ECS Upper Division Electives General Upper Division Electives*
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74 Total (including Core courses)

*With approval.