

Ν	Α	M	E:

TMU Graduation Requirements

Complete a minimum of 121 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 transferring with ≥ 61 total units may need to satisfy fewer than 7 Bible G.E. courses as evaluated and confirmed by the Registrar's Office prior to the start of the student's first undergraduate semester. All other students must satisfy all 7 Bible G.E.

Units	I erm	
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	i erm	
3		B202 New Testament Survey II
3		BTH321 Christian Theology I
3		BTH322 Christian Theology II
21	Total	*Or Non-Biblical Studies: IBEX300 with approval

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

Units	Term	Course	Substitution
		C100 Spoken Communication	Biblical Studies: BMN312 Message Preparation for Women, or BMN371 Sermon Preparation.
3			Business Administration, Entrepreneurship, Marketing Media, & Sport Management: MGT330
		C100 Spoken Communication	Business Communication.
			BM Music: not required.
			31+ score ACT: English Section
			3+ score AP Language & Composition Exam
3		E110 English Composition	3+ score AP Literature & Composition Exam
		Ello English Composition	5+ score Criterion Online Writing Evaluation Service from ETS
			700+ score SAT 1: Evidence-Based Reading & Writing section
			10+ score WriterPlacer exam from Collegeboard
3		ECN200 Essentials of Economics & Society	BM Music: not required.
3		H211 Essentials of World History I	ALL: Pass World History Competency Exam & 3 units of Upper Division History units.
3		H212 Essentials of World History II	BM Music: H211 or H212. Single Subject Teaching Credential: both H211 & H212.
3		H230 Essentials of U.S. History	n/a
3		Literature Elective	Does not include: E330, E322, E353, E364, E435, E436, E491A, E491B. <u>BM Music</u> : not required.
		Literature Survey	E200 Great Works of Literature Survey, E211 English Literature I,
3			E212 English Literature II, E221 World Literature I, E222 World Literature II,
			E231 American Literature I, or E232 American Literature II.
3		LS150 Essentials of Biology	<u>Biological & Physical Science</u> : LS151 Organismic Biology, LS151L Organismic Biology Lab.
		or GS150 Essentials of Geology	Engineering: CH151 General Chemistry I, CH151L General Chemistry I Lab.
1		LS150L Essentials of Biology Lab	Kinesiology: LS151 Organismic Biology, LS151L Organismic Biology Lab.
	or GS150L Essentials of Geology Lab		
			Business Administration, Entrepreneurship, Marketing Media, & Sport Management: BUS310
		MA240 Critical Thinking & Quantitative	Statistics for Business.
3		Analysis	Computer Science, Engineering, & Mathematics: not required.
			ALL: MA101 College Algebra & MA102 Trigonometry, or MA121 Calculus, or MA260
			Elementary Statistics.
3		MU190 Essentials of Music & Art	ALL: ART338 Art History of the Western World. Biblical Studies: BMN333/MU333 Worship &
			Songs of the Church. Music: MU295 Music & Art for Musicians.
			Biblical Studies: BCW363 Apologetics. Music Production: BCW367 Ethics.
		D244 Feed which of Philosophy	Business Administration, Entrepreneurship, Marketing Media, & Sport Management: BUS330
3		P311 Essentials of Philosophy	Business Ethics.
			English Ed., History Ed., Liberal Studies/Elementary Ed., Liberal Studies/Special Ed.,
			<u>Life Sciences Ed.</u> , <u>Mathematics Ed.</u> , <u>Music Ed.</u> : P321 History and Philosophies of Education.
3		POL220 U.S. Government	Only waived for non-U.S. citizens and non-resident aliens. U.S. Citizens (regardless of current
			country of residence) and resident aliens are NOT exempt.

40 Total (37 for Computer Science, Engineering & Mathematics majors, 28 for BM Music majors.)

2025-2026 Academic Catalog

ENGINEERING CORE COURSES

Units	Term	
4		CH151 General Chemistry I*
1		CH153 Chemistry for Engineers
3		CS121P Introduction to Computer Programming
1		EGR101 Introduction to Engineering Design
3		MA121 Calculus I
3		MA122 Calculus II
3		MA221 Calculus III

Units	Term	
3		MA231 Linear Algebra
3		MA253 Discrete Mathematics
3		MA282 Ordinary Differential Equations
3		MA365 Probability
4		PS251 General Physics I*
2		EGR112 Theology of Technology
1		EGR491 Senior Capstone

37 Total *with corresponding lab.

MAJOR: COMPUTER ENGINEERING

Units	Term	
3		CS132S Data Structures & Algorithms
3		CS202H Computer Hardware
3		CS301A Computer Organization & Architecture
3		CS3210 Operating Systems
2		ECE301 Semiconductors
3		ECE311 Analog Circuits
1		ECE311L Analog Circuits Lab
3		ECE312 Microelectronics
2		ECE312L Microelectronics Lab

Units Term				
3	ECE321 Digital System Design			
1	ECE321L Digital Design Lab			
3	ECE322 Signals and Systems			
3	ECE401 Digital Signal Processing			
1	ECE401L Digital Signal Processing Lab			
1	ECE401E DSP Extension			
1	ECE492A Senior Design Project A			
2	ECE492B Senior Design Project B			
3	ECS Upper Division Electives			

78 Total (including Core courses)

MAJOR: **ELECTRICAL ENGINEERING**

Units	Term	
3		CS132S Data Structures & Algorithms
3		CS202H Computer Hardware
3		ECE202 Electromagnetics
1		ECE202L Electromagnetics Lab
2		ECE301 Semiconductors
3		ECE311 Analog Circuits
1		ECE311L Analog Circuits Lab
3		ECE312 Microelectronics
2		ECE312L Microelectronics Lab

Units	Term	
3		ECE321 Digital System Design
1		ECE321L Digital Design Lab
3		ECE322 Signals and Systems
3		ECE401 Digital Signal Processing
1		ECE401L Digital Signal Processing Lab
3		ECE412 Power Systems
1		ECE492A Senior Design Project A
2		ECE492B Senior Design Project B
3		ECS Upper Division Electives

78 Total (including Core courses)

MAJOR: MECHANICAL ENGINEERING

Units	Term	
3		ECE202 Electromagnetics
1		ECE202L Electromagnetics Lab
3		ME211 CAD & SolidWorks
1		ME211L CAD Lab
3		ME301 Statics & Mechanics of Materials
1		ME301L Statics Lab
3		ME302 Dynamics
1		ME302L Dynamics Lab
3		ME311 Thermodynamics

Units Term					
	3		ME312 Heat Transfer		
	3		ME321 Machine Design		
	3		ME322 Design & Manufacturing		
	2		ME322L Manufacturing Project		
	3		ME331 Fluid Mechanics		
	2		ME401 Finite Element Analysis		
	1		ME492A Senior Design Project A		
	2		ME492B Senior Design Project B		
	3		ECS Unner Division Electives		

78 Total (including Core courses)