



School of Science, Mathematics, Technology & Health

Department of Biological & Physical Sciences

B.S. in Geoscience Academic Tracking Sheet

(Corresponds with the 2018-2019 Academic Catalog)

Name: _____

Emphasis: _____

Year started TMU: _____

Students are required to complete 49 Geoscience core units, 19 emphasis units, and 54 General Education units. A **minimum total of 122 units** is required to graduate.

General Education Requirements	
<i>Scripture Courses</i>	Term
B101 Old Testament Survey I (3)	
B102 Old Testament Survey II (3)	
B121 Essentials of Christian Thought (3)	
B201 New Testament Survey I (3)	
B202 New Testament Survey II (3)	
BTH321 Christian Theology I (3)	
BTH322 Christian Theology II (3)	
<i>Worldview & Skills Courses</i>	Term
C100 Spoken Communication (3)	
E110 English Composition (3)	
Essentials of Literature (3) (Choose one *)	
General Literature Elective (3) (Choose one * or **)	
ECN200 Essentials of Economics & Society (3)	
GS150 Essentials of Geology (3)	
or LS150 Essentials of Biology (3)	
GS150 Essentials of Geology Lab (1)	
or LS150L Essentials of Biology Lab (1)	
H211 Essentials of World History I (3)	
H212 Essentials of World History II (3)	
H230 Essentials of U.S. History (3)	
MA240 Critical Thinking Quantitative Analysis (3)	
MU190 Essentials of Music & Art (3)	
P311 Essentials of Philosophy (3)	
POL220 U.S. Government (3)	

General Education Substitutions	
<i>* Essentials of Literature Courses</i>	
E211/E212 English Literature I or II	
E221/E222 World Literature I or II	
E231/E232 American Literature I or II	
<i>**General Literature Elective Courses</i>	
E313 Age of Romanticism	E405 Shakespeare
E314 Victorian Age	E406 Milton
E334 The Short Story	E415 Contemporary Lit
E335 The English Novel	E416 Modern British Writers
E374 Studies in Jane Austen	E425 20 th Century American Lit.
E404 Studies in John Calvin	E453 Psychoanalytic Crit.
<i>Other Substitutions for Geoscience majors***</i>	
For B102: IBEX367	
For B201: IBEX377	
For MU190: ART338	
For H211/H212: Pass World Hist. Competency Exam & 3 units of Upper Division History	
For LS150/GS150 w/ lab: LS151 w/ lab	
For MA240: MA101, MA121, MA262	

***Substitutions: Refer to G.E. Substitutions and Waivers in the Academic Catalog

TMU Graduation Requirements (from the Academic Catalog):

The Master's University grants bachelor's degrees (i.e. Bachelor of Arts, Bachelor of Music, and Bachelor of Science) to students who satisfy the graduation requirements described below.

1. Complete a minimum of 122 semester units of credit.
2. Complete a minimum of 40 semester units in upper division courses.
3. Satisfy all General Education requirements.
4. Complete the required curriculum for the chosen major field(s) of study.
5. Maintain a minimum GPA of 2.00 (cumulative) in all TMU courses. (Some majors have different GPA requirements. Please see your department for details.)
6. Complete a minimum of 32 semester units of non-Directed Studies coursework at TMU or 32 semester units of TMU Online major courses.
7. Complete at least 12 of the final 24 semester units at TMU.

All students must be aware that they undertake complete responsibility for managing their progress toward graduation. Faculty advisors will attempt to assist in this process; however, given the fluidity of student progress, each student must ultimately assume responsibility for completing all graduation requirements. This checklist is designed as an aid to help students manage their progress, but it does NOT replace the Academic Catalog. In any case where this checklist contradicts the catalog, the catalog issued during the student's first semester at TMU shall be considered the official degree criteria

<u>Geoscience Core Courses</u>		
Units	Term	
4		CH151 General Chemistry I
4		CH152 General Chemistry II
4		GS150 Essentials of Geology
4		GS151 Historical Geology
4		GS251 Mineralogy
4		GS351 GIS & Geomorphology
4		GS452 Environmental Geoscience
1		GS420 Senior Seminar in Geoscience
1		GS422 Senior Capstone in Geoscience
4		LS151 Organismic Biology
1		LS220 Research Methods
3		LS372 Origins
3		MA262 Elementary Statistics
4		PS251 General Physics I
4		PS252 General Physics II
49		

Emphasis Courses

<u>Geology Emphasis Courses</u>		
Units	Term	
4		GS322 Petrology
4		GS371 Structural Geology
4		GS472 Sedimentology and Stratigraphy
4		Upper Division Geo or Paleo Elective
3		MA121 Calculus I
19	<i>Total units required for emphasis</i>	

<u>Environmental Science Emphasis Courses</u>		
Units	Term	
4		CH351 Organic Chemistry I
4		GS332 Hydrogeology
4		LS318 Conservation Biology & Sustainability
4		LS341 Ecology
3		Upper Division Elective
19	<i>Total units required for emphasis</i>	

<u>Geology/Paleontology Electives</u>		
Units		
1-4		GS428 Research in Geology
1		GS400 PG Exam Preparation
4-6		GS490 Geology Field Camp (not offered at TMU)
4		LS375 Vertebrate Paleontology
3		LS307 Biology of Dinosaurs