



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 | | *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 | | |
|-------|-------|--|--|
| 3 | | C100 Spoken Communication** | 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. |
| 3 | | E110 English Composition** | 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). |
| 3 | | E__ General Literature Elective* | Does not include: E322, E332 & E353. <u>BM Music</u> : waived. |
| 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 | n/a |
| 3 | | GS150 Essentials of Geology* or LS150 Essentials of Biology* | Or <u>Biological Science</u> : LS151 Organismic Biology. <u>Kinesiology</u> : LS321 Anatomy & LS322 Physiology. |
| 1 | | GS150 Essentials of Geology Lab** or LS150 Essentials of Biology Lab ** | Or <u>Biological Science</u> : LS151 Organismic Biology Lab. <u>Kinesiology</u> : LS321 Anatomy Lab & LS322 Physiology Lab. |
| 3 | | H211 Essentials of World History 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. |
| 3 | | H212 Essentials of World History II* | |
| 3 | | H230 Essentials of U.S. History* | n/a |
| 3 | | MA240 Critical Thinking & Quantitative Analysis** | 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. |
| 3 | | MU190 Essentials of Music & Art* | 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. |
| 3 | | P311 Essentials of Philosophy* | 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. |
| 3 | | POL220 U.S. Government** | Waived for non-U.S. citizens and non-resident aliens. |
| 40 | Total | (37 for Computer Science majors, 28 for BM Music majors.) | |

MAJOR: BIOLOGY CORE COURSES

| Units | Term | |
|-------|------|-----------------------------|
| 4 | | CH151 General Chemistry I* |
| 4 | | CH152 General Chemistry II* |
| 4 | | CH351 Organic Chemistry I* |
| 4 | | LS151 Organismic Biology* |
| 1 | | LS220 Research Methods |
| 4 | | LS252 Cell Biology* |

| Units | Term | |
|-------|-------|------------------------------|
| 4 | | LS342 Genetics and Genomics* |
| 3 | | LS372 Origins |
| 1 | | LS420 Seminar in Biology |
| 1 | | LS422 Senior Capstone |
| 3 | | MA260 Elementary Statistics |
| 33 | Total | *with corresponding lab. |

EMPHASIS: ANIMAL SCIENCE/PRE-VETERINARY

| Units | Term | |
|-------|------|--|
| 4 | | CH352 Organic Chemistry II* |
| 4 | | LS241 Ecology and Environmental Science* |
| 4 | | LS312 Animal Physiology* |

45 Total (including Core courses).
*With corresponding lab.

EMPHASIS: PALEONTOLOGY

| Units | Term | |
|-------|------|--|
| 4 | | GS150 Essentials of Geology* |
| 4 | | LS241 Ecology and Environmental Science* |
| 4 | | LS375 Vertebrate Paleontology* |

45 Total (including Core courses).
*With corresponding lab.

EMPHASIS: CELLULAR & MOLECULAR BIOLOGY

| Units | Term | |
|-------|------|-----------------------------|
| 4 | | CH352 Organic Chemistry II* |
| 4 | | CH461 Biochemistry* |
| 4 | | LS351 Molecular Genetics* |

45 Total (including Core courses).
*With corresponding lab.

EMPHASIS: PRE-ALLIED HEALTH

EMPHASIS: PRE-DENTISTRY
EMPHASIS: PRE-MEDICINE

| Units | Term | |
|-------|------|--|
| 4 | | CH352 Organic Chemistry II* |
| 4 | | CH461 Biochemistry* |
| 4 | | LS241 Ecology and Environmental Science* |

45 Total (including Core courses).
*With corresponding lab.

EMPHASIS: GENERAL BIOLOGY

| Units | Term | |
|-------|------|--|
| 4 | | LS241 Ecology and Environmental Science* |
| 8 | | Upper Division electives: Bio, Chem or Geo |

45 Total (including Core courses).
*With corresponding lab.

EMPHASIS: PRE-NURSING

| Units | Term | |
|-------|------|-----------------------------|
| 4 | | LS321 Human Anatomy* |
| 4 | | LS322 Human Physiology* |
| 4 | | LS362 Medical Microbiology* |

45 Total (including Core courses).
*With corresponding lab.

**EMPHASIS: NATURAL HISTORY/
ENVIRONMENTAL BIOLOGY**

| Units | Term | |
|-------|------|--|
| 4 | | GS452 Environmental Geoscience* |
| 4 | | LS241 Ecology and Environmental Science* |
| 4 | | LS318 Conservation Biology & Sustainability* |

45 Total (including Core courses).
*With corresponding lab.