



BA in Mathematics – 2024-2025

Student Name: _____

Student ID: _____

Major Requirements

- _____ MAT 180 3 Problem Solving
- _____ MAT 230 4 Calculus II
- _____ MAT 240 4 Calculus III
- _____ MAT 255 3 Justifications in Mathematics
- _____ MAT 340 4 Advanced Calculus
- _____ MAT 345 4 Linear Algebra
- _____ MAT 352 4 Mathematical Statistics
- _____ MAT 392 1 Mathematics Seminar
- _____ MAT 455 3 Abstract Algebra
- _____ MAT 461 3 Real Analysis
- _____ MAT 493 3 Senior Capstone

Select one course from the following:

- _____ MAT 251 4 Differential Equations
- _____ MAT 306 3 Introduction to Bioinformatics
- _____ MAT 310 3 Mathematical Modeling with Numerical Analysis
- _____ MAT 311 3 Introduction to Data Science
- _____ MAT 382 3 Advanced Statistical Methods
- _____ MAT 385 3 Mathematics of Finance

Electives

Select 3 hours of MAT electives—MAT 216 or higher, excluding MAT 301, 302, 309

Additional Major Requirements

Select one course in biology, chemistry, or physics from:

- _____ BIO 203 4 Principles of Genetics
- _____ CHE 201 4 General, Organic, and Biochemistry I
- _____ CHE 211 4 College Chemistry I
- _____ PHY 211 4 University Physics I

Total Major Hours Required: 46-47

Attendance at 15 Mathematics sanctioned events is required.

Language Requirement for BA Degree – Complete four courses in one language option.

Spanish Hebrew Greek French Chinese Korean Other: _____

- | | | |
|-----------------------------|---|--|
| _____ 101 4 Elementary I | _____ GRK 201 4 Elementary New Testament Greek | _____ HEB 211 3 Elementary Old Testament Hebrew I |
| _____ 102 4 Elementary II | _____ GRK 202 4 Elementary New Testament Greek | _____ HEB 212 3 Elementary Old Testament Hebrew II |
| _____ 201 3 Intermediate I | _____ GRK 301 3 Greek Grammar and Syntax | _____ HEB 311 3 Hebrew Syntax and Lexicography |
| _____ 202 3 Intermediate II | _____ GRK 302 3 Exegesis of the Greek New Testament | _____ HEB 312 3 Hebrew Exegesis |

Degree Requirements

- 128 minimum hours and 42 minimum upper-division hours (3XX/4XX course numbers).
- Fifty percent of the minimum hours must be completed at Taylor—64 hours.
- Fifty percent of the major/minor hours must be completed at Taylor.
- 22 of the last 30 hours earned must be completed at Taylor.
- Cumulative GPA of 2.0; major GPA of 2.3 (higher GPA may be required in certain curricula). (See current catalog for policy).
- All foundational core, major, minor, and proficiency requirements must be completed (including Senior Comprehensive Exam/Paper/Project).
- Two years of one foreign language is required for the BA degree.
- Candidates for 2 degrees must complete a minimum of 158 semester hours and meet all requirements for 2 different majors.