Mathematics Requirements

- MAT 180 3 Problem Solving
- MAT 230 4 Calculus II
- MAT 240 4 Calculus III
- MAT 245 4 Linear Algebra
- MAT 255 3 Justifications in Mathematics
- MAT 280 3 Mathematics in the Junior High/Middle School
- MAT 312 4 College Geometry
- MAT 340 4 Advanced Calculus
- MAT 352 4 Mathematical Statistics
- MAT 392 1 Mathematics Seminar
- MAT 455 3 Abstract Algebra
- MAT 493 3 Senior Capstone

Select one course from the following:

- COS 120 4 Introduction to Computational Problem Solving
- MAT 251 4 Differential Equations
- MAT 310 3 Mathematical Modeling with Numerical Analysis
- MAT 330 3 Technology for Mathematics
- MAT 370 3 Selected Topics (topic must be approved by department)
- MAT 385 3 Mathematics of Finance
- PHY 341 3 Math Methods in Physics and Engineering

Select three hours of MAT electives—MAT 215 or higher, excluding MAT 301, 302, 309

Select one of the following chemistry or physics courses:

- CHE 201 4 General, Organic, and Biochemistry I
- CHE 211 4 College Chemistry I
- PHY 211 4 University Physics I
- PHY 212 5 University Physics II

Total Major Hours Required: 50-52

Professional Education Courses — All curriculum courses must be completed with a grade of C- or better.

- EDU 150 3 Education in America
- EDU 222 3 Reading in the Content Area for Secondary Teachers
- EDU 280 3 Educational Psychology
- EDU 307 2 Discipline and Classroom Management for Secondary Teachers
- EDU 309 1 Teaching in Secondary, Junior High/Middle Schools – Special Methods
- EDU 332 3 The Junior High/Middle School
- EDU 328 2 Assessment for Student Learning
- EDU 431 3 Supervised Internship in Secondary Schools
- MAT 309 2 Teaching Math in Secondary Schools
- EDU 430 3 Exceptional Children

Additional Education Requirements — All curriculum courses must be completed with a grade of C- or better.

- CAS 110 3 Public Speaking
- PSY 340 3 Adolescent Psychology

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.