Major Requirements

- MAT 180  3  Problem Solving
- MAT 230  4  Calculus II
- MAT 240  4  Calculus III
- MAT 245  4  Linear Algebra
- MAT 251  4  Differential Equations
- MAT 255  3  Justifications in Mathematics
- MAT 310  3  Mathematical Modeling with Numerical Analysis
- MAT 352  4  Mathematical Statistics
- MAT 382  3  Advanced Statistical Methods
- MAT 392  1  Mathematics Seminar
- MAT 393*  2-4  Practicum
- MAT 493  3  Senior Capstone

Select one of the following courses:
- MAT 340  4  Advanced Calculus
- MAT 455  3  Abstract Algebra

*May complete practicum in a supporting area instead of mathematics.

Electives

Select 3 hours of MAT electives—MAT 215 or higher, excluding MAT 301, 302, 309

Additional Major Requirements

Select one of the following courses:
- COS 120  4  Introduction to Computational Problem Solving
- COS 130  3  Computational Problem Solving for Engineers
- SYS 120  4  Introduction to Problem Solving

Select one of the following courses:
- CHE 201  4  General, Organic, and Biochemistry I
- CHE 211  4  College Chemistry I
- PHY 211  4  University Physics I

Must also complete a minor or major in accounting, biology, chemistry, computer engineering, computer science, economics, engineering, environmental science, finance, or physics.

Total Major Hours Required: 51-55

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.