

B.S. Major in Mathematics

The course requirements and offerings for this academic program will likely be updated in future catalogs.

The **B.S. major in Mathematics** requires 13 courses equaling 42 SH:

| Code | Title | Semester Hours |
|---------------------------------------|-----------------------------|----------------|
| Core Courses: ¹ | | |
| MATH 181 | Calculus I | 4.0 |
| MATH 182 | Calculus II | 4.0 |
| MATH 220 | Mathematical Proofs | 2.0 |
| MATH 273 | Linear Algebra | 3.0 |
| MATH 283 | Multivariable Calculus | 4.0 |
| Additional Required Course: | | |
| MATH 284 | Differential Equations | 3.0 |
| Three courses from: | | 9.0 |
| MATH 355 | Applied Advanced Calculus | |
| MATH 360 | Numerical Analysis | |
| MATH 364 | Mathematical Statistics | |
| MATH 431 | Complex Variables | |
| Two MATH electives numbered above 250 | | 6.0 |
| CSCI 171 | Introduction to Programming | 4.0 |
| MATH 415 | Senior Capstone | 3.0 |
| Total Semester Hours | | 42.0 |

¹ Core courses must be completed with a GPA of 2.0 or higher.