

Mathematics Major (BS)

Bachelor of Science, BS

Required Courses

| Item # | Title | Credits |
|--------------------------|--------------------------------------|-----------|
| MTH 120 | CALCULUS AND ANALYTIC GEOMETRY I | 4 |
| MTH 210 | CALCULUS AND ANALYTIC GEOMETRY II | 3 |
| MTH 220 | CALCULUS AND ANALYTIC GEOMETRY III | 3 |
| MTH 351 | LINEAR ALGEBRA | 3 |
| MTH 400 | REAL ANALYSIS | 3 |
| MTH 410 | DIFFERENTIAL EQUATIONS | 3 |
| MTH 413 | ABSTRACT ALGEBRA | 3 |
| MTH 423 | PROBABILITY AND STATISTICS | 3 |
| MTH 499 | SENIOR SEMINAR | 1 |
| CSC 201 | INTRODUCTION TO COMPUTER PROGRAMMING | 4 |
| CSC 202 | DATA STRUCTURES | 4 |
| Sub-Total Credits | | 34 |

Math Electives Level 200+

- Complete 6 hours of MTH electives at the 200 level or above with the approval of the department chair.
- Majors who plan to be certified as secondary teachers of mathematics must take MTH 311: Survey of Geometry as one of their electives.

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| Sub-Total Credits | 6 |
| Total Credits | 40 |