

## Suggested four-year plan for the BS in Mathematics

### First Year - First Semester

- [MAT 126 - Calculus I](#) Credits: 4

### First Year - Second Semester

- [MAT 127 - Calculus II](#) Credits: 4

### Second Year - First Semester

- [MAT 228 - Calculus III](#) Credits: 4
- [MAT 261 - Introduction to Abstract Mathematics](#) Credits: 3

### Second Year - Second Semester

- [MAT 259 - Differential Equations](#) Credits: 3
- [MAT 262 - Linear Algebra](#) Credits: 3

### Third Year - First Semester

- [MAT 425 - Introduction to Real Analysis I](#) Credits: 3
- [MAT 463 - Introduction to Abstract Algebra I](#) Credits: 3

### Third Year - Second Semester

- [MAT 426 - Introduction to Real Analysis II](#) Credits: 3
- [MAT 452 - Complex Analysis](#) Credits: 3
- [STS 434 - Introduction to Statistics](#) Credits: 4

### Fourth Year - First Semester

- [MAT 453 - Partial Differential Equations I](#) Credits: 3
- [MAT 471 - Differential Geometry](#) Credits: 3

### Fourth Year - Second Semester

- [MAT 401 - Capstone Seminar in Mathematics](#) Credits: 3
- [MAT 464 - Introduction to Abstract Algebra II](#) Credits: 3
- [MAT 465 - Theory of Numbers](#) Credits: 3