

Major: **Mathematics**
(Pure Mathematics Option)

Degree: **Bachelor of Science**

| <u>First Semester</u> | | <u>Hrs.</u> | <u>Second Semester</u> | | <u>Hrs.</u> |
|-------------------------|--------------------------|-------------|------------------------|--------------------------|-------------|
| UI100 | First Year Seminar | 3 | EN140 | Rhet.& Crit. Think. | 3 |
| EN100 | English Comp. I | 3 | | University Studies | 3 |
| | University Studies | 3 | | University Studies | 3 |
| MA140 | Anal. Geom. & Calc.I | <u>5</u> | | University Studies | 3 |
| | | 14 | MA145 | Anal.Geom.& Calc.II | 4 |
| | | | WP002 | Writing Skills Test | — |
| | | | | | 16 |
| <u>Third Semester</u> | | <u>Hrs.</u> | <u>Fourth Semester</u> | | <u>Hrs.</u> |
| MA240 | Anal. Geom. & Calc. III | 3 | MA250 | Foundations Math. | 3 |
| MA138 | Discrete Math. I | 3 | MA345 | Linear Algebra | 3 |
| | University Studies | 3 | | University Studies | 3 |
| | University Studies | 3 | | University Studies | 3 |
| | University Studies | 3 | | Elective | <u>3</u> |
| | University Studies | <u>3</u> | | | 15 |
| | | 18 | | | |
| <u>Fifth Semester</u> | | <u>Hrs.</u> | <u>Sixth Semester</u> | | <u>Hrs.</u> |
| MA523 | Prob. & Stat. I | 3 | MA445 | Modern Algebra | 3 |
| MA546 | Advanced Calculus I | 3 | MAxxx | Mathematics ¹ | 3 |
| UI3xx | University Studies | 3 | UI3xx | University Studies | 3 |
| | Elective | 3 | | Elective | 3 |
| | Elective | <u>3</u> | | Elective | 3 |
| | | 15 | WP003 | 75 Hour Writing Test | — |
| | | | | | 15 |
| <u>Seventh Semester</u> | | <u>Hrs.</u> | <u>Eighth Semester</u> | | <u>Hrs.</u> |
| MAxxx | Mathematics ¹ | 3 | MAxxx | Mathematics ¹ | 3 |
| MAxxx | Mathematics ¹ | 3 | MA448 | Mathematics Seminar | 1 |
| UI4xx | University Studies | 3 | | Elective | 3 |
| | Elective | 3 | | Elective | 2 |
| | Elective | <u>3</u> | | Elective | <u>3</u> |
| | | 15 | | | 12 |

¹ Unspecified mathematics courses must be numbered above MA250, and must include one of the following courses: MA524, MA540, MA544, MA545, MA547, MA550.