# Bachelor of Art in Math

**37-39 Credits in Major Requirements**

## Track One: Traditional (for students planning graduate work in mathematics or careers in science or technology).

- MATH 205–206 Calculus I and II (8)
- MATH 231–232 Calculus III and IV (6)
- MATH 310 Discrete Mathematics (3)
- MATH 311 Introduction to Linear Algebra (3)
- MATH 431–432 Real Analysis I and II (8)
- MATH 454–455 Modern Algebra I and II (6)
- Plus 3 more semester hours of 300–400-level mathematics courses, not including MATH 496

## Track Two: Teaching (for students planning to teach mathematics)

- MATH 205–206 Calculus I and II (8)
- MATH 231–232 Calculus III and IV (6)
- MATH 310 Discrete Mathematics (3)
- MATH 311 Introduction to Linear Algebra (3)
- MATH 421 Elementary Probability Theory (3)
- MATH 422 Elementary Mathematical Statistics (3)
- MATH 431 Real Analysis I (4)
- MATH 441 Geometry I (3)
- MATH 454 Modern Algebra I (3)
- MATH 496 Teaching Assistance and Tutoring in Mathematics (3)

## Notes

1. MATH 317 and PHIL 345 are strongly recommended before enrolling in 400-level classes.
2. Students must earn at least a 2.0 cumulative GPA in courses required for the major.
3. At least 45 semester hours must be earned in courses at the 300–400-level.
4. To earn a Bachelor of Arts degree in Mathematics, students must fulfill the requirements for the major and meet all of the University’s other baccalaureate degree requirements. (Please see the Baccalaureate Degree Requirements in this Catalog.)
5. Students should always check course prerequisites and the frequency with which courses are offered.
6. To ensure progress toward degree completion, students are strongly encouraged to meet with an advisor each semester before registering.