Mathematics

Mathematics Majors

Degree: BA

Requirements: 33 hours including specified courses. See the Catalog for details.

Teacher Certification: Students who complete the MAT major may obtain teacher certification in Math for grades 7-12 by fulfilling all General Requirements of teacher certification (see the Education section of this Handbook), Professional Studies Requirements (see the Education section of this Handbook), and by completing specified courses in MAT and other disciplines required for such certification (see below, "Things Advisors Need to Know").

Minor in Mathematics: 16 hours including specified courses. See the Catalog for details.

Academic Core Curriculum

Please see the separate section "Advising for the Academic Core Curriculum" for information pertaining to Critical Thought and Inquiry Courses.

Things Advisors Need to Know

1. If the Calculus Placement Exam signifies that a student is prepared for calculus, MAT majors should enroll in CTI 109 in the Fall semester of the first year, MAT 200 in the Spring semester of the first year, and MAT 201 in the Fall semester of the sophomore year. If the placement exam places the student in pre-calculus, MAT majors should enroll in CTI 107 in Fall of first year, CTI 109 in the Spring of first year, and MAT 200 either in sophomore year or summer after the first year. If the student has credit for Calculus I, then they should enroll in MAT 200 in the fall semester of the first year.

2. The following courses are required for teacher certification in Math, in addition to Academic Core Curriculum and Professional Studies requirements: CTI 109, MAT 190, MAT 200, 201, 281, 301, 347, and EDU 345. Additional hours in MAT are needed to complete the major.

3. Students who select Mathematics as a second major may follow the Academic Core Curriculum requirements for the BS degree.

4. MAT majors are exempt from Science & Technology Level II CTI