

Mathematics

Major

Minor

Teaching certification option

Professors:

Jones, K. Parks, Weimer (Chair), White

Associate Professors:

Elder, Hegde, Hughes, Lemmert, Revenaugh

Assistant Professors:

Barnet, Kim

- You may major or minor in Mathematics
- You may elect the teaching certification option with required internship.
- Elementary Education students may elect a specialization in Mathematics.
- You may elect to focus in Mathematical Sciences (*see next section*). The Mathematical Sciences Focus is designed for mathematics, chemistry, and physics majors.
- The department offers an honors program.
- There is a possibility that the discipline requirements of the major for teaching certification students will change in Fall 2000 as a result of the continuing analysis of NCATE program review requirements. Students interested in the teaching certification option should stay in close contact with the Department Chair and the Department of Educational Professions. It is to your advantage to complete an NCATE-approved program.

	For Major	For Minor	For Teaching Cert. Option
Hours Required in Mathematics:	36	18	36
Hours Required in Other Departments:	3	0	45.5
Total Hours Required:	39	18	81.5

Summary of Requirements for Major/Minor in Mathematics

Major	Minor
<p>1. Basic Courses (18 hours)</p> <p>MATH 226 Calculus I (<i>GEP BR Math</i>) MATH 227 Calculus II MATH 228 Calculus III MATH 320 Multivariable Calculus MATH 350 Matrix Algebra MATH 470 Mathematical Models <i>or</i> MATH 491 Seminar in Mathematics</p>	<p>(9 hours)</p> <p>MATH 226 Calculus I (<i>GEP BR Math</i>) MATH 227 Calculus II MATH 228 Calculus III</p>
<p>2. Electives (18 hours)</p> <p>Select from courses at the 300 or 400 level, except MATH 340 <i>Fundamental Concepts of Geometry</i>, MATH 483 <i>Theory of Interest</i>, MATH 485 <i>Actuarial Mathematics II</i>, or MATH 495 <i>Internship in Mathematics</i></p>	<p>(9 hours)</p> <p>Select from courses at the 300 or 400 level, except MATH 340 <i>Fundamental Concepts of Geometry</i>, MATH 483 <i>Theory of Interest</i>, MATH 485 <i>Actuarial Mathematics II</i>, or MATH 495 <i>Internship in Mathematics</i></p>
<p>3. Required Courses in Other Departments (3 hours)</p> <p>CMAT 102 Introduction to Speech Communication (<i>Grade of C or better required to satisfy major requirement</i>)</p>	

Summary of Requirements for Teaching Certification Option in Mathematics

If you wish to complete a Maryland State approved program in teaching Mathematics, you must:

- Complete the BA/BS in Mathematics.
- Meet the phase admissions requirements summarized in the Educational Professions section.
- Complete the professional education sequence described in Education: Secondary School Programs.