

MATHEMATICS
(Elementary Education)

- I. General Education:** Four semester hours (4 SH) of courses identified with an asterisk (*) may be applied to satisfy General Education requirement.
- II. Elementary Mathematics Second Academic Concentration requirements.....18 SH**
- A. Select one General Education course from the following.....4 SH**
- MAT 1010 Introduction to Mathematics*4 SH (F;S;SS)
 MAT 1020 College Algebra with Applications*4 SH (F;S;SS)
 MAT 1025 Precalculus (*Prereq: Must pass math placement test
 or MAT 0010*).....4 SH (F;S)
 MAT 1030 Calculus with Business Applications* (*Prereq: MAT 1020
 Or MAT 1025 or equivalent*).....4 SH (F;S)
 MAT 1110 Calculus with Analytic Geometry I * (*Prereq: MAT 1025 with
 a grade of C- or higher or equivalent*).....4 SH (F;S)
- B. Required.....5 SH**
- MAT 2030 Mathematics for the Elementary School Teacher (3 SH)
 (1 SH of MAT 2030 to be counted toward SAC, *Prereq: MAT 1010
 or higher or permission of the instructor*)1 SH (F;S)
 MAT/CI 3030 Investigating Mathematics and Learning*
 (*Prereq: MAT 2030 and RC 2001 or its equivalent*)4 SH (F;S)
- C. Select 9 SH from the following.....9 SH**
- MAT 3910 Introduction to the Logic and Structure of Mathematics I
 (*Prereq: Junior or Senior standing or permission of instructor*)4 SH (F)
 MAT 4910 Informal Geometry (*Prereq: MAT 3910 or MAT 3920 or
 Permission of instructor*)3 SH (F)
 MAT 4930 Basic Concepts of Probability and Statistics (*Prereq: MAT 3910 or
 MAT 3920 or permission of instructor*)3 SH (On Demand)
 MAT Elective 2000 level or higher.....2-3 SH
 (With approval of Advisor/Coordinator)

Contact Person:

Dr. Deborah Crocker, Professor
 Department of Mathematical Sciences
 Walker Hall
 Phone: 262-2381

Dr. Mark Ginn, Chairperson
 Department of Mathematical Sciences
 342 Walker Hall
 Phone: 262-3050