

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)
 MAT 1020 College Algebra with Applications*4 SH (F;S)
 MAT 1025 Algebra and Elementary Functions*4 SH (F;S)
 MAT 1030 Calculus with Business Applications*4 SH (F;S)
 MAT 1110 Calculus with Analytic Geometry I *4 SH (F;S)
- B. Required.....5 SH**
- MAT 2030 Mathematics for the Elementary School Teacher (3 sh)..... 1 SH (F;S)
 (1 SH of MAT 2030 to be counted toward SAC)
 MAT/CI 3030 Investigating Mathematics and Learning.....4 SH (F;S)
 (*Prerequisite MAT 2030 and ENG 2001*)
- C. Select 9 SH from the following.....9 SH**
- MAT 3910 Introduction to the Logic and Structure of Mathematics I...4 SH (F;S)
 MAT 4910 Informal Geometry.....3SH (F)
 (*Prerequisite MAT 3910 or MAT 3920 or Instructor Permission*)
 MAT 4930 Basic Concepts of Probability and Statistic3SH (On Demand)
 MAT Elective 2000 level or higher2 SH
 (With approval of Advisor/Coordinator)

Note: Students are responsible for checking the catalog for prerequisites and co-requisites.

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