

**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 II \* .....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 Statistic .....3SH (On Demand)  
 MAT Elective 2000 level or higher .....2 SH  
 (With approval of Advisor/Coordinator)

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

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