MATHEMATICS, MINOR

Mathematics is a beautiful and interesting subject that involves statistics, numbers, functions, shapes, and structures. These concepts are logically interconnected and develop into a fascinating theory. They are also used to solve real world problems from a wide variety of areas, including science, computer science, social science, finance, and business. The study of mathematics provides training in disciplined thought and analysis.

At Roosevelt, the minor in mathematics allows students from other fields to gain additional analytical, quantitative, and problem-solving skills. Students will also learn to apply ideas from mathematics to other fields of knowledge and to communicate mathematics effectively.

Requirements

All five required Mathematics courses for the minor must be passed with a C- or higher, and at least three must be completed at Roosevelt. Interested students who have completed a college calculus course that did not transfer in as MATH 231 CALCULUS I (such as MATH 202 APPLIED CALCULUS FOR HEALTH SCIENCE AND BUSINESS) are encouraged to discuss course options with the department chair.

Code	Title	Credit Hours
MATH 231	CALCULUS I	5
Electives		
Four MATH courses, at least three must be at the 200-level or higher		12-14
Total Credit Hours		17-19

Students completing a major in Actuarial Science who would like to complement their major with a minor in Mathematics must choose courses that they do not double count as a part of their Actuarial Science major.

Code	Title	Credit Hours
MATH 245	DISCRETE STRUCTURES	3
MATH 290	INTRODUCTION TO PROOF	1
Electives		
Four MATH courses, at least three must be at the 200-level or higher, none of which can be double counted for the actuarial science major		12-14
Total Credit Hours		16-18

Suggested mathematics courses include MATH 316 HISTORY OF MATHEMATICS, MATH 317 GEOMETRY, MATH 320 INTRODUCTION TO ABSTRACT ALGEBRA, and MATH 352 ANALYSIS.