MATHEMATICS MINOR

Students must complete all coursework including satisfaction of the University General Education Requirements (http://bulletins.wayne.edu/undergraduate/general-information/general-education/) and the College of Liberal Arts and Sciences Group Requirements (http://bulletins.wayne.edu/undergraduate/college-liberal-arts-sciences/bachelors-degree-requirements/), as well as the departmental minor requirements cited below. All coursework must be completed in accordance with the regulations of the University (http://bulletins.wayne.edu/undergraduate/general-information/academic-regulations/) and the College (http://bulletins.wayne.edu/undergraduate/college-liberal-arts-sciences/academic-regulations/) governing undergraduate scholarship and degrees.

It is each student's responsibility to learn the requirements, policies, and procedures governing the program the student is following and to act accordingly. Students should consult the Department of Mathematics' undergraduate academic advisor on a regular basis. Although the advisor will provide assistance, the responsibility for fulfilling degree requirements remains with the student.

Minor Requirements

Residency: A minimum of 7 credits of minor requirements at or above MAT or STA 5030 must be taken at Wayne State University. This includes courses that are considered equivalent to the Mathematics Department's MAT or STA courses and that are approved by the Mathematics Department to meet a major requirement.

Minimum Grade Requirements: The following grade requirements must be satisfied in the minor.

- C- or better in all required coursework.
- C or better average for all coursework.

Notes:

1. STA courses previously designated by MAT (for example STA 2210 was previously labelled MAT 2210) are the same courses and meet the same requirements.

2. Although this policy is found in the College of Liberal Arts and Sciences (CLAS) requirements, it is worth noting that if a student is majoring in a CLAS major, they must obtain at least one minor that has 3 unique courses from the major. This means that at least 3 courses used to complete requirements in the minor must not be used to complete requirements in the major.

3. The required courses listed are the minimum that students should complete. Students are encouraged to take more courses in order to strengthen their background and enhance their prospects for employment and/or graduate school.

Course Requirements

Code	Title	Credits
MAT 2010	Calculus I	4
MAT 2020	Calculus II	4
MAT 2030	Calculus III	4
MAT 2250	Elementary Linear Algebra	3
Two MAT or STA courses numbered 5030 or above. [1]		6-8
One additional MAT or STA course numbered 5030 or above, or one of the courses listed below: [1]		3-4
MAT 2150	Differential Equations and Matrix Algebra	
MAT 2350	Elementary Differential Equations	
MAT 2500	Fundamentals of Mathematics and Proof-Writing	
MAT 2860	Discrete Mathematics	
MAT 5000	Fundamental Concepts of Mathematics and Proof Writing	
STA 2210	Probability and Statistics	
BA 3400	Quantitative Methods II: Statistical Methods	
BE 2100	Basic Engineering III: Probability and Statistics in Engineering	
ECO 5100	Introductory Statistics and Econometrics	
PH 3200	Introduction to Biostatistics	
Total Credits		**24-27**

[1] The courses MAT 5120, MAT 5180, MAT 5190, MAT 5992, MAT 6130, MAT 6150, MAT 6170, MAT 6180 and MAT 6210 do not satisfy the mathematics minor requirement for courses numbered 5030 or above. Only one MAT 5890 or MAT 5990 may be used to meet the requirements.