

FINANCIAL ECONOMETRICS

Bachelor of Science (BS)

This is a guide based on the 2024-2025 Undergraduate Bulletin and is subject to change. The time it takes to earn a degree will vary based on several factors such as dual enrollment, remediation, and summer enrollment. Students will meet with an academic advisor each semester and use Degree Works to monitor their individual progress.

CURRICULUM CHECKLIST

"Critical Courses" are **italicized and bolded**. Data shows that students who have completed this course in the first two years and have earned the noted grade are most likely to complete this program of study.

66 Hour Major – No Minor Required

Required Courses:

- ___ AC221 Principles of Accounting I (3)
- ___ CS101 Introduction to Computer Programming (3)
- ___ **EC225 Principles of Macroeconomics (3)**
- ___ MI101 Introduction to Computer Applications (3)
- ___ EC410 Macroeconomic Theory (3)
- ___ EC420 Microeconomic Theory (3)
- ___ FI361 Financial Management (3)
- ___ FI368 Investments (3)
- ___ MA117 Pre-Calculus B (3)
- ___ MA140 Analytic Geometry and Calculus I (5)
- ___ MA145 Analytic Geometry and Calculus II (4)
- ___ MA345 Linear Algebra (3)
- ___ MA425 Applied Regression Analysis (3)
- ___ MA575 Time Series and Forecasting (3)

Choose 3 hours:

- ___ QM257 Business Statistics I (3)
- ___ MA223 Elementary Probability and Statistics (3)

Choose 3 hours:

- ___ QM258 Business Statistics II (3)
- ___ MA323 Statistical Methods (3)

Choose 3 hours:

- ___ EC351 Applied Economic Models (3)
- ___ EC490 Business Forecasting (3)

Choose 12 hours:

- ___ ECxxx EC prefix course at the 300-599 level (3 – 12 hours)
- ___ Flxxx FI prefix course at the 300-599 level (3 – 12 hours)
- ___ MA244 Analytic Geometry and Calculus III (3)
- ___ MA375 Theory of Interest (3)
- ___ MA385 Financial Mathematics (3)
- ___ MA530 Statistical Learning (3)

Additional requirements (may fulfill general education requirements):

- ___ **EC215 Principles of Microeconomics (3)**
- ___ EN100 English Composition (3)
- ___ EN140 Rhetoric & Critical Thinking (3)
- ___ **MA115/MA116/MA123 Mathematics (3)**
- ___ SC105 Fundamentals of Oral Communication (3)

General Education Requirements – some requirements may be fulfilled by coursework in major program

- Social and Behavioral Sciences – 6 hours
- Constitution Requirement – 3 hours
- Written Communication – 6 hours
- Oral Communication – 3 hours
- Natural Sciences – 7 hours (from two disciplines, one to include a lab)
- Mathematics – 3 hours
- Humanities & Fine Arts – 9 hours (from at least two disciplines)
- Additional requirements – 5 hours (to include UI100 for native students)
- Civics examination

SAMPLE FOUR-YEAR PLAN

	Fall Semester		Spring Semester	
	Course #	Hrs	Course #	Hrs
FIRST YEAR	UI100	1	CS101	3
	EN100	3	EC215	3
	MA115/MA116/MA123	3	EN140	3
	MI101	3	MA117	3
	SC105	3	General Education	3
	Total	13	Total	15
Milestone: 2.0 cumulative grade point average.				
SECOND YEAR	AC221	3	FI361	3
	EC225	3	MA145	4
	MA140	5	QM258 or MA323	3
	QM257 or MA223	3	General Education	3
	General Education	3	General Education	3
	Total	17	Total	16
Milestone: 2.0 cumulative grade point average.				
THIRD YEAR	EC351	3	EC410	3
	EC420	3	MA425	3
	FI368	3	Major elective	3
	MA345	3	General Education	3
	General Education	3	General Education	4
	Total	15	Total	16
Milestone: 2.0 cumulative grade point average.				
FOURTH YEAR	MA575	3	Major elective	3
	Major elective	3	Elective	3
	Major elective	3	Elective	3
	General Education	3	Elective	3
	Elective	2	Elective	2
	Total	14	Total	14
Milestone: 2.0 cumulative grade point average.				

A "Milestone" signifies a significant stage for a student in the completion of a degree.

A minimum 2.0 GPA in the major is required to graduate with a Bachelor of Science degree.

Degree requirements for all students: a minimum of 120 credit hours, completion of the General Education program, and completion of 39 senior division hours (300-599). Refer to the Undergraduate Bulletin or Degree Works for additional graduation requirements for your program.

Revised
4/30/2024

2024-2025 *degree map*

