

# FINANCIAL ECONOMETRICS

## Bachelor of Science (BS)

This is a guide based on the 2023-2024 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 Fl 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
<b>FIRST YEAR</b>	UI100	1	General Education	3
	EN100	3	General Education	3
	<b>MA116</b>	3	General Education	3
	MI101	3	General Education	3
	General Education	3	General Education	3
	General Education	3		
	<b>Total</b>	<b>16</b>	<b>Total</b>	<b>15</b>
Milestone: 2.0 cumulative grade point average.				

<b>SECOND YEAR</b>	<b>EC215</b>	3	<b>EC225</b>	3
	General Education	3	Statistics Course	3
	General Education	3	Minor Course	3
	General Education	3	Elective	3
	General Education	3	Elective	3
	<b>Total</b>	<b>15</b>	<b>Total</b>	<b>15</b>
Milestone: 2.0 cumulative grade point average.				

<b>THIRD YEAR</b>	EC420	3	EC410	3
	Economics Elective	3	Economics Elective	3
	Minor Course	3	Economics Elective	3
	Minor Course	3	Minor Course	3
	Elective	3	Elective	3
	<b>Total</b>	<b>15</b>	<b>Total</b>	<b>15</b>
Milestone: 2.0 cumulative grade point average.				

<b>FOURTH YEAR</b>	Economics Elective	3	Elective	3
	Minor Course	3	Elective	3
	Elective	3	Elective	3
	Elective	3	Elective	3
	Elective	3	Elective	3
	<b>Total</b>	<b>15</b>	<b>Total</b>	<b>14</b>
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  
7/6/2023

2023-2024 *degree map*

