

**Bachelor of Science, Economics**  
*Quantitative Economics Emphasis*  
Four-Year Academic Plan (Catalog Year 2020-2021)

Freshmen Fall Semester	Completed	Freshmen Spring Semester	Completed	Sophomore Fall Semester	Completed	Sophomore Spring Semester	Completed
<b>WRI 010:</b> College Reading and Composition		<b>MATH 022:</b> Calculus II for Physical Science and Engineering <sup>+</sup>		<b>MATH 023:</b> Vector Calculus		<b>ECON 100:</b> Intermediate Microeconomic Theory*	
<b>MATH 021:</b> Calculus I for Physical Science and Engineering <sup>+</sup>		<b>ANTH 001*</b> , <b>COGS 001*</b> , <b>PH 001*</b> , <b>PH 005*</b> , <b>PSY 001*</b> , <b>POLI 001*</b> or <b>SOC 01*</b>		<b>ECON 010:</b> Statistical Inference <sup>^</sup>		<b>MATH 024:</b> Linear Algebra and Differential Equations	
<b>ECON 001:</b> Introduction to Economics		Arts and Humanities GE		<b>CSE 020+</b> (2 units) or <b>BIOE 021<sup>1</sup></b> (4 units)		<b>CSE 021<sup>1</sup></b> (unless <b>BIOE 021<sup>1</sup></b> has been completed)	
<b>SPRK 001:</b> Spark Seminar		Introductory Natural Science Course		Lower or Upper Division Elective		Lower or Upper Division Elective	

Junior Fall Semester	Completed	Junior Spring Semester	Completed	Senior Fall Semester	Completed	Senior Spring Semester	Completed
<b>ECON 101:</b> Intermediate Macroeconomic Theory*		ECON 170 or ECON 171 or MATH 101 or POLI 170		ECON 170 or ECON 171 or MATH 101 or POLI 170		Upper Division ECON Elective <sup>5</sup>	
<b>ECON 110:</b> Econometrics		Upper Division ECON Elective		Upper Division ECON Elective		Upper Division Elective	
Crossroads GE		Upper Division Elective		Writing in the Discipline GE		Upper Division Elective	
Upper Division Elective		Upper Division Elective		Lower or Upper Division Elective			

**Notes:**

A list of courses that meet GE can be found at: <https://catalog.ucmerced.edu/content.php?catoid=17&navoid=1644>

- \*: Social Science GE      \$: Culminating Experience
- +: Science and Engineering GE    !: Language
- ^: Quantitative GE
- #: Writing in the Discipline

**NOTE:** Of the 3 Upper Division ECON Elective courses, a minimum of 2 must have a pre-requisite of ECON 100, ECON 101 or ECON 110.

Key	
Upper Division Elective Course (100-199)	A course in any discipline numbered 100-199 that you meet the prerequisite for.
Elective Course (001-199)	A course in any discipline numbered from 001-199 that you meet the prerequisite for

The four-year plans presented in this sample plan demonstrate the recommended sequencing and timing of the required and elective components within each major. In many cases, a student's academic background will require variations in the timing of the coursework listed in the plan. All students are expected to work with their academic advisor to find their best pathway through the degree requirements of their chosen program.

Additionally, this academic plan is an unofficial document intended to be used for advising / course planning only. This academic plan does not take into account any coursework completed outside of UC Merced by way of transferred credits from other institutions or credit awarded through test scores. This document cannot be used to supersede or waive requirements listed in the UC Merced catalog unless approved by your advisor or the faculty, and course availability is not guaranteed.