

4-YEAR CURRICULAR MAP

Bachelor of Science in Mathematical Economics



FALL		YEAR 1		SPRING	
‡UK Core CC1	3	UK Core CC2	3		
⌘Foreign language 101	4	⌘Foreign language 102	4		
UK Core QFO (MA 113: Calculus I <u>AND</u> MA 193: Supp. Math Workshop I)	5	UK Core CCC	3		
UK Core HUM	3	MA 114: Calculus II <u>AND</u> MA 194: Supp. Math Workshop II	5		
<b>Total Credits: 15</b>				<b>Total Credits: 15</b>	
FALL		YEAR 2		SPRING	
UK Core ACR	3	UK Core SSC	3		
⌘Foreign language 201	3	⌘Foreign language 202	3		
A&S SS (ECO 201: Principles of Economics I)	3	A&S NS	3		
STA 296: Statistical Methods	3	A&S Lab	1		
MA 213: Calculus III	4	MA 214: Calculus IV	3		
		ECO 202: Principles of Economics II	3		
<b>Total Credits: 16</b>				<b>Total Credits: 16</b>	
FALL		YEAR 3		SPRING	
Math/Science Elective	3	UK Core GDY	3		
UK Core NPM	3	ECO 401: Intermediate Microeconomic Theory	3		
ECO 391: Economic and Business Statistics	3	MA 322: Matrix Algebra	3		
MA 320: Introductory Probability or STA 524: Probability	3	*400+ ECO major course	3		
		Math/Science Elective	3		
*300+ ECO major course	3				
<b>Total Credits: 15</b>				<b>Total Credits: 15</b>	
FALL		YEAR 4		SPRING	
A&S HUM	3	*MA Sequence course	3		
ECO 402: Intermediate Macroeconomic Theory	3	*MA Sequence course	3		
*MA Sequence course	3	ECO 491 GCCR	3		
Math/Science Elective	3	Math/Science Elective	3		
Math/Science Elective	3	◊ A&S Elective	3		
<b>Total Credits: 15</b>				<b>Total Credits: 15</b>	

\* Incoming Students are Strongly Encouraged to take WRD 112 to fulfill the CC1 and CC2 requirements if they have any of the following: an ACT English score of 32 or Higher, an SAT Verbal score of 720 or Higher, or an AP English Composition score of 4 or 5. If the Student has been accepted into the University Honors Program, the Student is required to take WRD 112 to fulfill CC1 and CC2. To be discussed with your academic advisor.

⌘ Students who have taken at least 2 years of a language in high school can complete the A&S Foreign Language Requirement with 3 college semesters of a different language. Students choosing this option should replace the 4<sup>th</sup> semester of language with electives. Also note that if you take a foreign language placement exam, you may be exempt from 1 or more of the beginning semesters of that language. In this case, replace the by-passed language courses with electives. Any language sequence may be used to satisfy the foreign language requirements.

◊ 3 hours of 'free' electives - that do not count toward any other requirement - must be taken. Additional electives may be required to reach the required minimum of 120 hours. Consider pursuing a 2<sup>nd</sup> major or minor.

<b>UK Core Abbreviations</b>	CC1= Composition and Communication I
HUM =Intellectual Inquiry in the Humanities	CC2= Composition and Communication II
NPM=Intellectual Inquiry in the Natural/Physical/Mathematical Science	QFO= Quantitative Foundations
SSC=Intellectual Inquiry in Social Sciences	SIR= Statistical Inferential Reasoning
ACR=Intellectual Inquiry in Arts & Creativity	CCC= Community, Culture and Citizenship in U.S.
	GDY= Global Dynamics
	GCCR=Graduation Composition and Communication
<b>College of Arts &amp; Sciences Abbreviations</b>	
SS: Social Sciences	NS: Natural Sciences
Lab: College Laboratory or Field Experience Requirement	