

4-YEAR CURRICULAR MAP

**Bachelor of Science in Mathematical Economics**  
**BA in MCL**



| 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 MCL 100   | 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 MCL Cross Cultural                                  | 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 (UK Core SIR)                                | 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 |
| Language Course 1   | 3           | Language Course 2   | 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  | 3           | *300+ ECO major course  | 3      |
| Math/Science Elective   | 3           | A&S NS Math/Science Elective                                    | 3      |
| <b>Total Credits: 15</b>  |             | <b>Total Credits: 15</b>  |        |
| FALL  | Abroad Year |   | SPRING |
| ECO 402: Intermediate Macroeconomic Theory                                | 3           | Language Course 6   | 3      |
| Language Course 3   | 3           | Language Course 7-10: Internship (SPA classes 5-8) [12 credits] |        |
| Language Course 4   | 3           |   |        |
| Language Course 5   | 3           |   |        |
| *300+ ECO major course  | 3           |   |        |
| <b>Total Credits: 15</b>  |             |   |        |
| FALL  | YEAR 5      |   | SPRING |
| MCL 200   | 3           | *MA Sequence course   | 3      |
| *300+ ECO major course  | 3           | ECO 491 GCCR  | 3      |
| *MA Sequence course   | 3           | Math/Science Elective   | 6      |
| Math/Science Elective   | 3           | ◊ A&S Elective MCL 495  | 3      |
| UK Core GDY   | 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.

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| <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   |

**College of Arts & Sciences Abbreviations**

SS: Social Sciences NS: Natural Sciences

Lab: College Laboratory or Field Experience Requirement