

# CURRICULUM MAP



MERRIMACK COLLEGE

## Mathematics - Economics, BA

### YEAR ONE

#### FALL

|   |           |   |
|---|-----------|---|
| Calculus I – MTH 1217                   | 4 credits | Major Requirement,<br>General Education Requirement |
| Intro to College Writing – ENG 1050     | 4 credits | General Education Requirement                       |
| Intro to Religion – RTS 1000            | 4 credits | General Education Requirement                       |
| Principles of Microeconomics – ECO 1203 | 4 credits | Major Requirement,<br>General Education Requirement |
| First Year Experience – FYE 1050        | 1 credit  | General Education Requirement                       |

**Total Credits - 17**

#### SPRING

|   |           |   |
|---|-----------|---|
| Calculus II – MTH 1218                  | 4 credits | Major Requirement,<br>General Education Requirement |
| Principles of Macroeconomics – ECO 1204 | 4 credits | Major Requirement                                   |
| Intro to Philosophy – PHL 1000          | 4 credits | General Education Requirement                       |
| General Education Elective/Minor        | 4 credits | General Education Requirement                       |

**Total Credits - 16**

### YEAR TWO

#### FALL

|  |           |                               |
|--|-----------|-------------------------------|
| Calculus III – MTH 1219                | 4 credits | Major Requirement             |
| Intermediate Microeconomics – ECO 2201 | 4 credits | Major Requirement             |
| Computer Science Course Requirement    | 4 credits | Major Requirement             |
| General Education Elective/Minor       | 4 credits | General Education Requirement |

**Total Credits - 16**

#### SPRING

|  |           |                               |
|--|-----------|-------------------------------|
| Differential Equations – MTH 2220      | 4 credits | Major Requirement             |
| Intermediate Macroeconomics – ECO 2202 | 4 credits | Major Requirement             |
| General Education Elective/Minor       | 4 credits | General Education Requirement |
| General Education Elective/Minor       | 4 credits | General Education Requirement |

**Total Credits - 16**

## YEAR THREE

### FALL

|                                       |           |                               |
|---------------------------------------|-----------|-------------------------------|
| Linear Algebra – MTH 3335             | 4 credits | Major Requirement             |
| Probability and Statistics – MTH 2527 | 4 credits | Major Requirement             |
| General Education Elective/Minor      | 4 credits | General Education Requirement |
| General Education Elective/Minor      | 4 credits | General Education Requirement |

**Total Credits - 16**

### SPRING

|                                  |           |                               |
|----------------------------------|-----------|-------------------------------|
| Econometrics – ECO 3313          | 4 credits | Major Requirement             |
| Upper Level MTH/ECO Elective     | 4 credits | Major Requirement             |
| General Education Elective/Minor | 4 credits | General Education Requirement |
| General Education Elective/Minor | 4 credits | General Education Requirement |

**Total Credits - 16**

## YEAR FOUR

### FALL

|                          |           |                   |
|--------------------------|-----------|-------------------|
| Math/ECO Capstone Course | 4 credits | Major Requirement |
| Major Elective           | 4 credits | Major Elective    |
| Open Elective/Minor      | 4 credits | Open Elective     |
| Major Elective           | 4 credits | Major Elective    |

**Total Credits - 16**

### SPRING

|                     |           |                |
|---------------------|-----------|----------------|
| Major Elective      | 4 credits | Major Elective |
| Open Elective/Minor | 4 credits | Open Elective  |
| Open Elective/Minor | 4 credits | Open Elective  |
| Open Elective/Minor | 4 credits | Open Elective  |

**Total Credits - 16**

Note: This is a sample curriculum map. Students may progress toward graduation using alternative pathways.