

CURRICULUM MAP



MERRIMACK COLLEGE

Actuarial Science, BS

YEAR ONE

FALL

Calculus I - MTH 1217	4 credits	Major Requirement
An Introduction to Economics - ECO 1201	4 credits	Major Requirement
First Year Seminar: Who Am I? - FYS 1947	4 credits	General Education Requirement
[FC Core - HUM, SOSC, RTS, STEM]	4 credits	General Education Requirement

Total Credits - 16

SPRING

Calculus II - MTH 1218	4 credits	Major Requirement
Accounting for Business - ACC 2203	4 credits	Major Requirement
[FC Core - HUM, SOSC, RTS, STEM]	4 credits	General Education Requirement
[Core minor or credential course]	4 credits	General Education Requirement

Total Credits - 16

YEAR TWO

FALL

Calculus III - MTH 2219	4 credits	Major Requirement
Managerial Finance - FIN 2500	4 credits	Major Requirement
[FC Core - HUM, SOSC, RTS, STEM]	4 credits	General Education Requirement
[Core minor or credential course]	4 credits	General Education Requirement

Total Credits - 16

SPRING

Probability and Statistics I - MTH 2527	4 credits	Major Requirement
[Major elective course]	4 credits	Major Requirement
[FC Core - HUM, SOSC, RTS, STEM]	4 credits	General Education Requirement
[Core minor or credential course]	4 credits	General Education Requirement

Total Credits - 16

YEAR THREE

FALL

Probability and Statistics II - MTH 2528	4 credits	Major Requirement
Foundations of Data Science I - DSE 1001	4 credits	Major Requirement
[FC Core - HUM, SOSC, RTS, STEM]	4 credits	General Education Requirement

<i>[Open elective course]</i>	4 credits	Open Elective
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Total Credits - 16

SPRING

Linear Algebra - MTH 3335	4 credits	Major Requirement
<i>[Major elective course]</i>	4 credits	Major Requirement
<i>[Core minor or credential course]</i>	4 credits	General Education Requirement
<i>[Open elective course]</i>	4 credits	Open Elective

Total Credits - 16

YEAR FOUR

FALL

Actuarial Science Internship - MTH 4000	4 credits	Major Requirement
<i>[Open elective course]</i>	4 credits	Open Elective
<i>[Open elective course]</i>	4 credits	Open Elective
<i>[Open elective course]</i>	4 credits	Open Elective

Total Credits - 16

SPRING

<i>[Major elective course]</i>	4 credits	Major Requirement
<i>[Open elective course]</i>	4 credits	Open Elective
<i>[Open elective course]</i>	4 credits	Open Elective
<i>[Open elective course]</i>	4 credits	Open Elective

Total Credits - 16

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