

CURRICULUM MAP



MERRIMACK COLLEGE

Mathematics, BA

YEAR ONE

FALL

Calculus I – MTH 1217	4 credits	Major Requirement/ General Education Requirement
Discrete Mathematics – MTH 1314	4 credits	General Education Requirement
Intro to Religion – RTS 1000	4 credits	General Education Requirement
Intro to College Writing – ENG 1050	4 credits	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/ General Education Requirement
Problem Solving with Java – CSC 1610	4 credits	Major Requirement
Intro to Philosophy – PHL 1000 level	4 credits	General Education Requirement
General Education Elective	4 credits	General Education Requirement

Total Credits – 16

YEAR TWO

FALL

Calculus III – MTH 2219	4 credits	Major Requirement
Major Elective	4 credits	Major Requirement
General Education Elective	4 credits	General Education Requirement
General Education Elective	4 credits	General Education Requirement

Total Credits – 16

SPRING

Differential Equations – MTH 2220	4 credits	Major Requirement
General Education Elective	4 credits	General Education Requirement
General Education Elective	4 credits	General Education Requirement
Open Elective	4 credits	Open Elective

Total Credits – 16

YEAR THREE

FALL

Linear Algebra – MTH 3335	4 credits	Major Requirement
Major Elective	4 credits	Major Requirement
General Education Elective	4 credits	General Education Requirement
Open Elective	4 credits	Open Elective

Total Credits – 16

SPRING

Abstract Algebra – MTH 4336
Open Elective
Open Elective
Open Elective

4 credits
4 credits
4 credits
4 credits

Major Requirement
Open Elective
Open Elective
Open Elective

Total Credits – 16

YEAR FOUR

FALL

Real Analysis – MTH 4343
Open Elective
Open Elective
Open Elective

4 credits
4 credits
4 credits
4 credits

Major Requirement
Open Elective
Open Elective
Open Elective

Total Credits – 16

SPRING

Major Elective
Open Elective
Open Elective
Open Elective

4 credits
4 credits
4 credits
4 credits

Major Requirement
Open Elective
Open Elective
Open Elective

Total Credits – 16

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