CURRICULUM MAP

MERRIMACK COLLEGE

Mathematics, BA

YEAR ONE

FALL

Calculus I – MTH 1217	4 credits	Major Requirement, FC Core Requirement (STEM)
Discrete Mathematics – MTH 1314	4 credits	Major Requirement
Religious and Theological Studies (RTS) Course	4 credits	FC Core Requirement (RST)
First Year Seminar – FYS 1947	4 credits	FC Core Requirement (FYS)

Total Credits – 16

SPRING

Calculus II – MTH 1218	4 credits	Major Requirement
Problem Solving with Java – CSC 1610	4 credits	Major Requirement
Culture and Society (CUS) Course	4 credits	FC Core Requirement (CUS)
Social Science (SOSC) Course	4 credits	FC Core Requirement (SOSC)

Total Credits – 16

YEAR TWO

FALL

Calculus III – MTH 2219	4 credits	Major Requirement
Major Elective	4 credits	Major Requirement
Humanities (HUM) Course	4 credits	FC Core Requirement (HUM)
FC Core Elective/Minor	4 credits	FC Core Elective/Minor

Total Credits – 16

SPRING

Differential Equations – MTH 2220	4 credits	Major Requirement
FC Core Elective/Minor	4 credits	FC Core Elective/Minor
FC Core Elective/Minor	4 credits	FC Core Elective/Minor
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
FC Core Elective/Minor	4 credits	FC Core Elective/Minor
Open Elective	4 credits	Open Elective

Total Credits – 16

SPRING

Abstract Algebra – MTH 4336	4 credits	Major Requirement
Open Elective	4 credits	Open Elective
Open Elective	4 credits	Open Elective
Open Elective	4 credits	Open Elective

Total Credits – 16

YEAR FOUR

FALL

Real Analysis – MTH 4343	4 credits	Major Requirement
Open Elective	4 credits	Open Elective
Open Elective	4 credits	Open Elective
Open Elective	4 credits	Open Elective

Total Credits – 16

SPRING

Major Elective	4 credits	Major Requirement
Open Elective	4 credits	Open Elective
Open Elective	4 credits	Open Elective
Open Elective	4 credits	Open Elective

Total Credits – 16

Notes: This is a sample curriculum map. Students may progress toward graduation using alternative pathways. In addition, ‘FC Core Requirement’ signifies that the course is required as part of the Foundations and Connections Core - the College’s general education program. Please be aware that all students must take six FC Core Requirement courses (FYS, CUS, HUM, RTS, SOSC, and STEM) and four FC Core Elective courses to satisfy the College's general education requirement.