

CURRICULUM MAP



MERRIMACK COLLEGE

STEM Education/Elementary Education, BA

YEAR ONE

FALL

Foundations & Principles of Ed – EDU 2110	4 credits	Major Requirement
Intro to Human Development – HDE 1000	4 credits	Major Requirement/ General Education Requirement
Intro to College Writing – ENG 1050	4 credits	General Education Requirement
Intro to Philosophy – PHL 1000	4 credits	General Education Requirement
First Year Experience – FYE 1050	1 credit	General Education Requirement

Total Credits – 17

SPRING

Child Growth & Development – EDU 2210	4 credits	Major Requirement/ General Education Requirement
Diversity, Social Justice, & Ethics – HDE 2130	4 credits	Major Requirement/ General Education Requirement
Intro to Religion – RTS 1000	4 credits	General Education Requirement
Introduction to STEM – STM 1010	4 credits	Major Requirement

Total Credits – 16

YEAR TWO

FALL

General Education Elective/Minor	4 credits	General Education Requirement
General Chemistry I – CHM 1110	4 credits	Major Requirement
Mathematics Course	4 credits	Major Requirement
Teaching Social Studies – EDU 4320	2 credits	Major Requirement
Children's Literature – EDU 4340	2 credits	Major Requirement
Pre-Practicum I – EDU 2500	0 credits	Major Requirement

Total Credits – 16

SPRING

Principles of Biology II – BIO 1028	4 credits	Major Requirement
Teaching Science – EDU 3360	4 credits	Major Requirement
Major Elective	4 credits	Major Requirement
Foundations of Mathematics I – MTE 1410	4 credits	Major Requirement
U.S. History I – HIS 1106	4 credits	Major Requirement/ General Education Requirement

Total Credits – 20

YEAR THREE

FALL

SMK – World Civ	4 credits	Major Elective
Major Elective	4 credits	Major Requirement
Teaching Reading and LA – EDU 3310	4 credits	Major Requirement
Physics Course	4 credits	Major Requirement
Algebraic Thinking for Educators – MTE 1411	2 credits	Major Requirement
Pre-Practicum II – EDU 2510	0 credits	Major Requirement
Total Credits – 18		

SPRING

Psychology of Learning – HDE 3210	4 credits	Major Requirement
SMK – Literature	4 credits	Major Elective
Major Elective	4 credits	Major Requirement
Foundations of Math II – MTH 1412	4 credits	Major Requirement
Exceptional Learner – EDU 2410	4 credits	Major Requirement
Total Credits – 20		

YEAR FOUR

FALL

Teaching Math – EDU 3340	4 credits	Major Requirement
Major Elective	4 credits	Major Requirement
Sheltered English Instruction – EDU 4582	4 credits	Major Requirement
STEM Capstone – STM 3000	4 credits	Major Requirement
Technology	4 credits	Major Elective
Pre-Practicum III – EDU 2520	0 credits	Major Requirement
Total Credits – 20		

SPRING

Differentiation and Instruction – EDU 4220	2 credits	Major Requirement
Positive Learning Environments – EDU 4221	2 credits	Major Requirement
Practicum – EDU 4903	12 credits	Major Requirement
Practicum Seminar – EDU 4921	0 credits	Major Requirement
Total Credits – 16		

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