

Elementary Education with Mathematics Endorsement (B.S.)

2021-2022 catalog

Student Name: _____ **ID Number:** _____

Major Requirements (endorsement requirements listed on page 2)

All classes must be completed with a C- grade or better.

Term Completed/Planned	Grade	Credit	Course #	Title
_____	_____	3	EDC200	Orientation to Education in an Urban Setting
_____	_____	2	EDC220	Educational Technology
_____	_____	3	EDC310	Learning and Development in an Educational Setting
_____	_____	3	EDC410	Learners with Special Needs
_____	_____	3	EDC490	School and Society (KC)
_____	_____	3	EED225	Foundations of Literacy
_____	_____	1	EED311	K-6 Methods: Health
_____	_____	1	EED312	K-6 Methods: Physical Education
_____	_____	3	EED325	K-6 Methods: Literacy
_____	_____	1	EED326	Elementary Reading K-6 Field Experience
_____	_____	2	EED336	Advanced Literacy Methods
_____	_____	1	EED341	K-6 Methods: Art
_____	_____	1	EED342	K-6 Methods: Music
_____	_____	3	EED350	K-6 Methods: Mathematics
_____	_____	3	EED360	K-6 Methods: Science
_____	_____	2	EED370	K-6 Methods: Social Studies/Thematics
_____	_____	2	EED380	Kindergarten Methods
_____	_____	2	EED386	K-6 Methods: Children’s Literature

Complete either EDC206 or both EDC210 and EDC211 (first year students may take EDC110 instead of EDC210)

_____	_____	3	EDC206	Diversity/Minnesota American Indians
-- OR both EDC210 and EDC211 --				
_____	_____	2	EDC210	Diversity in the School (<i>first year students may substitute EDC110</i>)
_____	_____	2	EDC211	Minnesota American Indians

Complete student teaching

_____	_____	8	EDC481	Student Teaching: Initial License (12-14 weeks)
_____	_____	2	EED489	Teacher Performance Assessment and Student Teaching Seminar

Supporting Courses

_____	_____	4	BIO102	The Biological World (NSM-L)
_____	_____	4	ENL111	Effective Writing II
_____	_____	2	HPE115	Chemical Dependency Education

Complete either PHY203 or both EED200 and EED203

_____	_____	4	PHY203	Physics and Earth Science for Elementary Education Teachers
_____	_____	6	EED200: Elem Educ Earth Science and EED203: Physical Science for Elem Teachers	

In lieu of the two science requirements listed above, Rochester students may complete both SCI110 and SCI111.

Abbreviation Key: ML = Modern Language; SC = Signature Curriculum; EM = Engaging Minneapolis; AE = Augsburg Experience; KC = Senior Keystone Course; NSM = Natural Science & Mathematics - no lab; NSM-L = Natural Science & Mathematics-with lab; SBS = Social & Behavioral Science; FA = Fine Arts; HUM = Humanities

Elementary Education with Mathematics Endorsement (B.S.)

Mathematics Endorsement Requirements

All classes must be completed with a C- grade or better.

Term Completed/Planned	Grade	Credit	Course #	Title
Complete both MAT114 (or MPG 4) and MAT145				
_____	_____	4	MAT114	Precalculus (NSM) – MPG4 assessment can be substituted
_____	_____	4	MAT145	Calculus I (NSM)
Complete one (1) of MAT163, MAT164 (recommended), or MAT373				
_____	_____	4	MAT163	Introductory Statistics (NSM)
_____	_____	4	MAT164	Introductory Statistics for STEM (NSM)
_____	_____	4	MAT373	Probability Theory
Complete all of the following:				
_____	_____	4	MAT252	Exploring Geometry
_____	_____	4	MAT271	Discrete Mathematical Structures
_____	_____	4	MAT287	History of Mathematics (NSM)
_____	_____	3	ESE300	Reading/Writing in the Content Area
_____	_____	2	ESE331	Middle School Methods: Mathematics

Student's Signature _____ Date _____

Advisor's Printed Name _____ Signature _____ Date _____

Advisor(s): By signing, you indicate you have verified the accuracy of the information above. Faculty advisors must initial next to each course substitution/waiver and sign this form.