

# Elementary Education with Mathematics Endorsement (B.S.)

2016-2017 catalog

Student Name: \_\_\_\_\_ ID Number: \_\_\_\_\_

## Major Requirements (endorsement requirements listed on page 2)

All classes must be completed with a 2.0 grade or better.

Term Completed/Planned	Grade	Credit	✓	Course #	Title
_____	_____	3	<input type="checkbox"/>	EDC200	Orientation to Education in an Urban Setting
_____	_____	2	<input type="checkbox"/>	EDC220	Educational Technology
_____	_____	3	<input type="checkbox"/>	EDC310	Learning and Development in an Educational Setting
_____	_____	3	<input type="checkbox"/>	EDC410	Learners with Special Needs
_____	_____	3	<input type="checkbox"/>	EDC490	School and Society (KC)
_____	_____	3	<input type="checkbox"/>	EED225	Foundations of Literacy
_____	_____	1	<input type="checkbox"/>	EED311	K-6 Methods: Health
_____	_____	1	<input type="checkbox"/>	EED312	K-6 Methods: Physical Education
_____	_____	3	<input type="checkbox"/>	EED325	K-6 Methods: Literacy
_____	_____	1	<input type="checkbox"/>	EED326	Elementary Reading K-6 Field Experience
_____	_____	2	<input type="checkbox"/>	EED336	Advanced Literacy Methods
_____	_____	1	<input type="checkbox"/>	EED341	K-6 Methods: Art
_____	_____	1	<input type="checkbox"/>	EED342	K-6 Methods: Music
_____	_____	3	<input type="checkbox"/>	EED350	K-6 Methods: Mathematics
_____	_____	3	<input type="checkbox"/>	EED360	K-6 Methods: Science
_____	_____	2	<input type="checkbox"/>	EED370	K-6 Methods: Social Studies/Thematics
_____	_____	2	<input type="checkbox"/>	EED380	Kindergarten Methods
_____	_____	2	<input type="checkbox"/>	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	<input type="checkbox"/>	EDC206	Diversity/Minnesota American Indians
_____	_____	4	<input type="checkbox"/>	EDC210: Diversity in the School and EDC211: Minnesota American Indians	

Complete student teaching (EED481, 483, or 485). The number of teaching credits required will depend on a student's licensure program

_____	_____	2	<input type="checkbox"/>	EED489	Teacher Performance Assessment and Student Teaching Seminar
_____	_____				Student teaching credits:

### Supporting Courses

_____	_____	4	<input type="checkbox"/>	ENL111	Effective Writing
_____	_____	2	<input type="checkbox"/>	HPE115	Chemical Dependency Education

Complete either PHY203 or both EED200 and EED203

_____	_____	4	<input type="checkbox"/>	PHY203	Physics and Earth Science for Elementary Education Teachers
_____	_____	6	<input type="checkbox"/>	EED200: Elem Educ Earth Science and EED203: Physical Science for Elem Teachers	

Complete **one (1)** of BIO102 or ENV120

_____	_____	4	<input type="checkbox"/>	BIO102	The Biological World (NSM-L)
_____	_____	4	<input type="checkbox"/>	ENV120	Environmental Science (NSM-L)

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

Student Signature \_\_\_\_\_ Date \_\_\_\_\_

Faculty Adviser Signature \_\_\_\_\_ Date \_\_\_\_\_

Student and faculty signature are required for submission with the Intent to Graduate form.

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## Mathematics Endorsement Requirements

All classes must be completed with a 2.0 grade or better.

Term Completed/Planned	Grade	Credit	✓	Course #	Title
		3	<input type="checkbox"/>	ESE300	Reading/Writing in the Content Area
		2	<input type="checkbox"/>	ESE331	Middle School Methods: Mathematics
		4	<input type="checkbox"/>	MAT114	Precalculus (NSM) – MPG4 assessment can be substituted
		4	<input type="checkbox"/>	MAT145	Calculus I (NSM)
		4	<input type="checkbox"/>	MAT252	Exploring Geometry
		4	<input type="checkbox"/>	MAT271	Discrete Mathematical Structures
		4	<input type="checkbox"/>	MAT287	History of Mathematics (NSM)
Complete <b>one (1)</b> of MAT163 or MAT164					
		4	<input type="checkbox"/>	MAT163	Introductory Statistics (NSM)
		4	<input type="checkbox"/>	MAT164	Introductory Statistics for STEM (NSM)