Elementary Education with Mathematics Endorsement (B.S.)

2024-2025 catalog

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

Major Requirements

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

Term Completed/Planned	Grade	Credit	Course #	Title
_____	_____	3	EDC200	Critical Histories and Philosophies of Education
_____	_____	2	EDC220	Educational Technology
_____	_____	3	EDC310	Learning and Development in an Educational Setting
_____	_____	3	EDC375	Learners with Dis/abilities
_____	_____	3	EDC490	School and Society (KC)
_____	_____	3	EED314	Transcultural Literacies: An Introduction to Language and Literacy
_____	_____	4	EED335	Multidisciplinary Methods for Elementary Teachers
_____	_____	3	EED350	K-6 Methods: Mathematics
_____	_____	3	EED360	K-6 Methods: Science
_____	_____	3	EED370	K-6 Social Studies Methods: Decolonizing Curriculum and Classrooms
_____	_____	3	EED425	K-6 Language and Literacy Methods: Critical Applications for the Elementary Classroom
_____	_____	2	ESL320	Introduction to Linguistics

Complete student teaching

Term Completed/Planned	Grade	Credit	Course #	Title
_____	_____	10	EDC481	Student Teaching: Initial License for Undergraduate Students (or EDC482 for students completing an additional license)
_____	_____	2	EED489	Teacher Performance Assessment and Student Teaching Seminar

Supporting Courses

Term Completed/Planned	Grade	Credit	Course #	Title
_____	_____	4	AIS105	Introduction to American Indian Studies (HUM)
_____	_____	4	BIO102	The Biological World (NSM-L)

Complete either PHY203 or both EED200 and EED203

Term Completed/Planned	Grade	Credit	Course #	Title
_____	_____	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.

Mathematics Endorsement Requirements

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

Complete both MAT114 (or MPG 4) and MAT145

Term Completed/Planned	Grade	Credit	Course #	Title
_____	_____	4	MAT114	Precalculus (NSM) – MPG4 assessment can be substituted
_____	_____	4	MAT145	Calculus I (NSM)

Complete **one (1)** of MAT163 or DST164 (recommended)

Term Completed/Planned	Grade	Credit	Course #	Title
_____	_____	4	MAT163	Introductory Statistics (NSM)
_____	_____	4	DST164	Introduction to Statistics (with R) (NSM)

Complete all of the following:

Term Completed/Planned	Grade	Credit	Course #	Title
_____	_____	4	MAT302	Discrete Mathematical Structures
_____	_____	4	MAT325	History of Mathematics (NSM)
_____	_____	4	MAT335	Exploring Geometry
_____	_____	3	ESE300	Reading/Writing in the Content Area
_____	_____	2	ESE331	Middle School Methods: Mathematics

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