

**EDUCATION MAJOR: MATHEMATICS**  
**ST. OLAF COLLEGE EDUCATION DEPARTMENT**  
*(For Students Entering the Teacher Education Program Fall 2022 and After)*

**Mathematics Teacher Candidates Must:**

1. Meet all Professional Educator Licensing and Standards Board (PELSB) Pedagogy and Content Standards.
2. Pass the Minnesota Teacher Licensure Exam (MTLE) competency exams in their Content Area(s) and in Pedagogy before licensure.
3. Have a major in Mathematics.

**PROFESSIONAL EDUCATION REQUIREMENTS**

	<b><u>Course Credit</u></b>
___ Education 231: Understanding Substance Abuse	0.00
___ Education 295: Foundations of Education	1.00
___ Education 330: Planning, Instruction, and Assessment	1.00
___ Education 330 Lab	0.00
___ Education 340: Differentiating Instruction	1.00
___ Education 381: Senior Seminar	0.50
___ Education 382: Human Relations Component	0.00
___ Education 389: Student Teaching	3.00

**One Interim**

___ Education 378: Multicultural Education in Hawaii (Offered in even years)( <b>OEP, PAR</b> )	1.00
___ Education 379: Urban Education Practicum and Seminar ( <b>OEP, PAR</b> )	1.00

___ <b>One Additional PAR</b> Course to meet licensure standards	1.00
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**CONTENT AREA LICENSURE REQUIREMENTS**

___ Education 350: Teaching of Mathematics 5-12* (Spring)	1.00
___ Education 374: Reading in the Content Area*	0.50

**One of the following two courses:**

___ Mathematics 126: Calculus II* ( <b>QCR</b> )	1.00
___ Mathematics 128: Honors Calculus II* ( <b>QCR</b> ) (Fall)	1.00

___ Mathematics 220: Elementary Linear Algebra* ( <b>QCR</b> )	1.00
___ Mathematics 244: Real Analysis I* ( <b>WAC</b> )	1.00
___ Mathematics 252: Abstract Algebra I* ( <b>WAC</b> )	1.00
___ Mathematics 262: Probability Theory*	1.00
___ Mathematics 356: Geometry* (Interim)	1.00
___ Statistics 212: Statistics for the Sciences*( <b>QCR</b> ) (Statistics 172 for Students Beginning Fall 2023 and After)	1.00

**ADDITIONAL COURSES FOR THE MATH MAJOR**

Students arrange a major in mathematics by developing an Individualized Mathematics Proposal (IMaP) after consultation with an MSCS faculty member.

This document is intended to serve as an advising tool and is subject to change. It is important for students to meet with Education Faculty regularly to verify that they are satisfying all requirements for licensure and with content faculty to ensure that major requirements are being met. All course substitutions must be documented on a Course Substitution Form and approved by the Director of Licensure.

*\* Indicates content courses in which Professional Educator Licensing and Standards Board (PELSB) Standards are embedded.*