**MATH EDUCATION LICENSURE PROGRAM**

**ST OLAF COLLEGE EDUCATION DEPARTMENT**

**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 Course Credit**

\_\_\_\_ Education 231: Drugs and Alcohol 0.00

\_\_\_\_ Education 290: Educational Psychology (***HBS***) 1.00

\_\_\_\_ Education 291: Standards and Technology 0.00

\_\_\_\_ Education 330: Principles of Education (***ORC***) 1.00

\_\_\_\_ Education 372: Counseling and Communication in the Schools 0.50

\_\_\_\_ Education 375: Differentiated Instruction for Exceptional Learners 0.50

\_\_\_\_ Education 381: Senior Seminar 0.50

\_\_\_\_ Education 382: Human Relations Component 0.00

\_\_\_\_ Education 385: Human Issues in Education 0.50

\_\_\_\_ Education 389: Student Teaching 3.00

**One** Interim (***MCD***) 1.00

\_\_\_\_ Education 378: Multicultural Education in Hawaii (Offered in even years)

\_\_\_\_ Education 379: Urban Education Practicum and Seminar

**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: 1.00

\_\_\_\_ Mathematics 126: Calculus II\* (***AQR***)

\_\_\_\_ Mathematics 128: Honors Calculus II\* (***AQR***) (Fall)

\_\_\_\_ Mathematics 220: Elementary Linear Algebra\* (***AQR***) 1.00

\_\_\_\_ Mathematics 244: Real Analysis I\* (***WRI***) 1.00

\_\_\_\_ Mathematics 252: Abstract Algebra I\* (***WRI***) 1.00

\_\_\_\_ Mathematics 262: Probability Theory\* 1.00

\_\_\_\_ Mathematics 356: Geometry\* (Interim) 1.00

\_\_\_\_ Statistics 212: Statistics for the Sciences\* (***AQR***) 1.00

**ADDITIONAL COURSES FOR THE MATH MAJOR**

Students arrange a major in mathematics by developing an Individualized Mathematics Proposal [**(IMaP)**](http://wp.stolaf.edu/math/files/2016/04/IMAP2015-16.pdf) after consultation with an MSCS faculty member.