

Student Name _____ Student ID _____ Evaluator _____ Date _____

B.S. MATHEMATICS TEACHING MAJOR PROGRAM CHECKLIST (32 credits)

REQUIREMENTS	SUBSTITUTE OR WAIVE	SEM. DONE	SEM. CREDITS	GRADE
PREREQUISITES: (credits do not count toward major)				
STAT 201 Statistics I				
MATH 120 Precalculus				
CONTENT AREA COURSES FOR THE MAJOR The following Foundation courses are required for admission to the Urban Teacher Program along with other admission requirements. Contact the Mathematics Department for more information about courses required for the major.				
MATH 210 Calculus I (4cr)				
MATH 211 Calculus II (4cr)				
CORE COURSES FOR THE MAJOR (28 CREDITS) The following courses have their own prerequisites, but students do not have to be admitted to the Urban Teacher Program to take these Core courses required for the major.				
MATH 215 Discrete Mathematics (4cr)				
MATH 301 Introduction to Real Analysis (4cr)				
MATH 310 Calculus III: Multivariable Calculus (4cr)				
MATH 315 Linear Algebra and Applications(4cr)				
MATH 340 Mathematical Modeling (4cr)				
MATH 370 College Geometry (4cr)				
MATH 471 Abstract Algebra(4cr)				
Mathematics Education Methods Courses (8cr) The following courses are required for the major. It is strongly recommended that they be taken during the two semesters prior to student teaching. Pre-requisites: EDU 300, EDU 306 and at least 24 credits of MATH courses required for the Mathematics Teaching major. Co-requisite: EDU 450 Advanced Urban Teaching Practicum and Seminar (0-1cr).				
MAED 445 Teaching Mathematics to Urban Learners in Grades K-8 (4cr)				
MAED 450 Teaching High School Mathematics to Urban Learners in Grades 7-12 (4cr)				

Questions?

Mathematics Department is located on our St. Paul Campus, 3rd floor St. Johns Hall.
Department Chair, Juan Estrada, email: juan.estrada@metrostate.edu Telephone: 651-793-1422

Teaching Licensure Grades 5-12 Students completing the teaching major who wish to earn Minnesota Teaching Licensure for secondary education can do so by completing additional course work and student teaching through the university's Urban Teacher Program (UTP). Please note that the university's UTP Education Department has the primary responsibility for recommending students for licensure. Contact: UTP will be moving to the Midway Campus. As of August 17, 2010, our official address will be: 1450 Energy Park Dr., Saint Paul, MN 55108 Telephone 651-999-5920.