



Student Name:

UID:

State of Iowa approved preparation program for endorsement number 143, Mathematics 5-12 available to/intended for students who have or are completing a bachelor's degree in Mathematics, or equivalent.

**Requirements**

- Completion of prerequisites MATH:1850 and MATH:1860, prior to application to the program.
- Admission to the Teacher Education Program
- Completion of the profession education courses listed below.
- Completion of major in mathematics as defined by the College of Liberal Arts and Sciences' Department of Mathematics.

**Math Education TEP Professional Education Course Requirements**

**Complete the following three courses in the first semester of enrollment**

Course	Course Title	Credit	Session/Substitute
EDTL:3091	Secondary Orientation & Classroom Management	1,3 s.h.	
EDTL:3095	Teaching Reading Secondary Content Areas	1 s.h.	
EDTL:3002	Technology in the Classroom	2 s.h.	

**Complete all of the following (May be completed prior to TEP admission)**

EPLS:3000	Foundations of Education	3 s.h.	
EDTL:4900	Foundations of Special Education	3 s.h.	
PSQF:1075	Educational Psychology and Measurement	3 s.h.	

**Complete the following course**

EPLS:4180	Human Relations for the Classroom Teacher	3 s.h.	
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**Methods and Practicum (Complete all of the following)**

Complete the following three courses in separate semesters

EDTL:3533	Introduction & Practicum: Mathematics	3 s.h.	
EDTL:3534	Methods: Middle School Mathematics	3 s.h.	
EDTL:4535	Methods: High School Mathematics	3 s.h.	

**Student Teaching (Register for section 0051 of all three courses)**

EDTL:4087	Seminar Curriculum Student Teaching	3 s.h.	
EDTL:4091	Observe & Lab Prac in Secondary School	6 s.h.	
EDTL:4092	Observe & Lab Prac in Secondary School	6 s.h.	

**The Following Mathematics Courses are required:**

Course	Course Title	Credit	Session/Substitute
MATH:1850	Calculus I	4 s.h.	
MATH:1860	Calculus II	4 s.h.	
MATH:2700	Introduction to Linear Algebra	4 s.h.	
MATH:2850	Calculus III	4 s.h.	
MATH:3720	Introduction to Abstract Algebra	4 s.h.	
MATH:3770	Fundamental Properties of Spaces and Functions I	4 s.h.	
MATH:2150	Foundations of Geometry	3 s.h.	
CS:1210	Computer Science I: Fundamentals	4 s.h.	
STAT:3120	Probability and Statistics	4 s.h.	

**One of the following courses is required:**

Course	Course Title	Credit	Session/Substitute
MATH:4050	Introduction to Discrete Mathematics	3 s.h.	
MATH:4060	Discrete Mathematical Models	3 s.h.	

**At least one post-calculus elective is required:**

**B.A.** requirements include one additional course beyond calculus

**B.S.** requirements include three additional courses beyond calculus, of which two must be numbered MATH:4120 or above.

This Program Guide is for planning and documentation of program completion. State requirements for licensure and endorsements are subject to change without notice; check with your adviser or the Office of Education Services for updated requirements. Course transfer and substitution may require syllabi or other documentation in addition to transcript. Revised 08/09/2016 SMS

For additional information, admissions procedures, or advising referral, please contact Office of Student Services, College of Education, N310 Lindquist Center, Iowa City, IA 52242, 319-335-5359, FAX: 319-335-5364, edu-educationservices@uiowa.edu, <http://www.education.uiowa.edu>