



UNIVERSITY OF COLORADO AT COLORADO SPRINGS
College of Education
TEACHER EDUCATION PROGRAM
 Secondary Mathematics Advisement Criteria

I. Contact Information:

Name:	Date:
Address:	Zip Code:
Home Telephone:	Cell Telephone:
Work Telephone:	UCCS Student Number:
Email:	Masters Licensure Only UG

II. Education:

<i>UCCS Undergraduate:</i>	Current # of Semester Hours:	Major:	
<i>Post-Baccalaureate:</i>	Completed Degree:	Major:	College or University:
<i>Other:</i>			

III. Mathematics Content Requirements:

In order to be licensed to teach mathematics in the State of Colorado, the following mathematics requirements (or accepted equivalents from other institutions) must be completed by those planning to teach secondary mathematics. In addition, the mathematics PRAXIS or PLACE exam must be successfully passed prior to beginning the teaching licensure program. Students must complete **36 semester hours** of mathematics courses, **at least 18 of which must be upper division.**

(1) Number systems, number theory, algebraic structures (9 SH)

<i>Required Course/Content:</i>	<i>Course or Equivalent:</i>	<i>Met or Need?</i>
MATH 215-3 Discrete Mathematics		
MATH 311-3 Number Theory		
MATH 313-3 Intro. to Linear Algebra		
Other courses		

(2) Calculus and Analysis (15 SH)

<i>Required Course/Content:</i>	<i>Course or Equivalent:</i>	<i>Met or Need?</i>
MATH 135-4 Calculus I		
MATH 136-4 Calculus II		
MATH 235-4 Calculus III		
MATH 340-3 Differential Equations		
Other courses		

(3) Geometry and Measurement (3 SH)

<i>Required Course/Content:</i>	<i>Course or Equivalent:</i>	<i>Met or Need?</i>
MATH 421-3 Higher Geometry		
Other courses		

(4) Statistics and Probability (3 SH)

<i>Required Course/Content:</i>	<i>Course or Equivalent:</i>	<i>Met or Need?</i>
MATH 310-3 Statistics for the Sciences		
OR		
MATH 381 -3 Intro. to Probability & Statistics		
Other courses		

(5) Mathematical Modeling /History of Mathematics (3 SH)

<i>Required Course/Content:</i>	<i>Course or Equivalent:</i>	<i>Met or Need?</i>
MATH 448-3 Mathematics Modeling		
Other courses		

IV. Core Requirements: (complete left side for licensure only/UG; complete right side for graduate/ Masters candidates)

<i>Status</i>	<i>Undergraduate/Licensure Only Course # & Title</i>	<i>Status</i>	<i>Graduate Course # & Title</i>
	TED 301-3 Early School Experience		TED 301-3 Early School Experience (only offered at 300 level)
	TED 300-3 Contemporary American Education		TED 500-3 Contemporary American Education
	TED 452-3 Educational Psychology		TED 552-3 Educational Psychology
	TED 480-3 ESL for Educators		TED 580-3 ESL for Educators
	SPED 3001-3 Intro. to Special Ed.		SPED 5001-3 Intro. to Special Ed.

V. Testing Requirements for Licensure and/or Graduate Degree: (PRAXIS II or PLACE must be taken by May of the year in which you will begin the professional program)

<i>Exam (Select One)</i>	<i>Status (Date Taken)</i>	<i>Score</i>
PRAXIS #0061 Math Test Code		
PLACE #04 Math Test Code		

VI. SUMMARY: ___Met all requirements ___Needs to complete (see summary)

<i>General Comments:</i>

<i>Faculty Advisor:</i>	<i>Date:</i>
<i>Advisee:</i>	<i>Date:</i>