

TEACHER CERTIFICATION PROGRAM FOR COLLEGE GRADUATES

MATHEMATICS EDUCATION GUIDELINES

The School of Education's Teacher Certification Program for College Graduates (TCPCG) in Mathematics Education is designed to prepare college graduates for certification as teachers of secondary mathematics (grades 7-12). College graduates who have completed or anticipate completing an accredited bachelors degree program at this or another college or university may apply for admission to the TCPCG when their academic background includes completion of the following general education, and subject area major requirements. Applicants must also apply to and be accepted by the Graduate School of the University of Connecticut to pursue a Master of Arts degree in Education. To earn The University of Connecticut's institutional recommendation to serve as a teacher, students must successfully complete the requirements for the Master of Arts degree in Education and Connecticut's subject knowledge testing requirements.

PLAN OF STUDY REQUIREMENTS FOR MATHEMATICS CERTIFICATION

1. A bachelor's degree from a regionally accredited institution.

2. General Education Requirements:

General academic courses: Applicants must have 39 semester hours of coursework that meets five of six of the following areas: (1) English; (2) Natural Sciences; (3) Mathematics; (4) Social Studies; (5) Foreign Language; or (6) Fine Arts. Applicants must have a three semester hour U.S. History survey course and a course in Physical Education and Health.

3. SUBJECT AREA MAJOR:

Complete a subject area major in mathematics (this typically consists of a minimum of 36 credits in mathematics and related areas). Students are required to complete 30 credits in mathematics courses. Ordinarily this requirement is fulfilled with the completion of: Math 204Q, 210Q, 211Q, 213Q, 216Q, 223Q, 227Q, 231Q, 242W, and 258Q or the equivalent.

In addition, students are required to take (1) statistics course and one three (3) credit course in a related area (i.e., Mathematics, Statistics, Computer Science, Physical or Natural Sciences, Philosophy [Logic]).

4. PROFESSIONAL EDUCATION AND SUBJECT AREA REQUIREMENTS:

MASTER OF ARTS IN EDUCATION

<i>Summer Session I</i>	EDCI 390	Social and Multicultural Foundations of Education (3)
	EDCI 391	Learning Theories (3)
	EPSY 308	Instruction for Students with Special Needs in the Mainstream (3)
	EPSY 343	Introduction to Educational Technology (3)
<i>Summer Session II</i>	EDCI 392	Methods of Instruction and Evaluation (3)
	EDCI 394	Reading and Literacy in the Content Area (3)
	EDCI 395	Content Area Methods (3)
<i>Fall</i>	EDCI 388	Seminar I: Student Teaching Seminar (3)
	EDCI 396	Directed Student Teaching (9)
<i>Spring</i>	EDCI 326	Curriculum Laboratory (3)
	EDCI 357	Multicultural Education (3)
	EDCI 389	Seminar II: Teacher as Professional (3)
	XXX XX	Content Area Elective (3)

Total: 45 credits

(42 credits of professional education)
(3 credits of subject area elective)