

## TEACHER CERTIFICATION PROGRAM FOR COLLEGE GRADUATES

## GENERAL SCIENCE EDUCATION GUIDELINES

Neag School of Education's Teacher Certification Program for College Graduates (TCPCG) in General Science Education is designed to prepare college graduates for certification as teachers of general science (grades 7-12). College graduates who have completed or anticipate completing an accredited bachelor's 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 Curriculum and Instruction. 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 Curriculum and Instruction and Connecticut's subject knowledge testing requirements.

**Plan of Study Requirements for Secondary General Science 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.

3. SUBJECT AREA MAJOR:

Complete a SUBJECT AREA MAJOR consisting of a minimum of thirty-nine (39) credits in the natural sciences: biology, chemistry, physics, and earth science (astronomy, geology, meteorology, oceanography, physical geography).

4. PROFESSIONAL EDUCATION AND SUBJECT AREA REQUIREMENTS:

**MASTER OF ARTS IN CURRICULUM AND INSTRUCTION**

|                          |           |  |
|--------------------------|-----------|--|
| <i>Summer Session I</i>  | EDCI 5060 | Social and Multicultural Foundations of Education (3)                        |
|                          | EDCI 5065 | Learning Theories (3)  |
|                          | EDCI 5070 | Methods of Instruction and Evaluation (3)                                    |
|                          | EDCI 5080 | Reading and Literacy in the Content Area (3)                                 |
| <i>Summer Session II</i> | EPSY 5108 | Instruction for Students with Special Needs in the Classroom Environment (3) |
|                          | EDCI 5085 | Subject Area Methods (3)   |
|                          | EDCI 5825 | Enhancing Classroom Curriculum with Computers and Electronic Media (3)       |
| <i>Fall</i>              | EDCI 5090 | Directed Student Teaching (9)  |
|                          | EDCI 5050 | Seminar I: Student Teaching Seminar (3)                                      |
| <i>Spring</i>            | EDCI 5830 | Curriculum Laboratory: Advanced Clinical Practices (3)                       |
|                          | EDCI 5092 | Practicum (3)  |
|                          | EDCI 5875 | Multicultural Education (3)  |
|                          | EDCI 5055 | Seminar II: Teacher as Professional (3)                                      |
|                          | XXX XX    | Content Area Elective (3)  |

**Total: 48 credits**

(45 credits of professional education)

(3 credits of subject area elective)