MASTER OF EDUCATION (leading to Professional Licensure)
SECONDARY BIOLOGY (8-12)

This degree is designed to meet the Massachusetts Department of Education standards leading to professional license.

Prerequisites:

1. Bachelor’s Degree in Biology or equivalent from a regionally accredited college or university
2. Initial or Professional Massachusetts licensure in Biology at the Secondary (8-12) level.*
3. An introductory course in Adolescent Psychology
4. An introductory course in Special Education
5. An introductory course in Computer Applications
6. An introductory course in Multicultural Education.
*Students without the required license may work toward an Initial License and then apply up to six semester hours of appropriate graduate credit toward the master’s degree.

Required Courses:          (15 s.h.)

Common Standards Coursework
EDUC 0513 Evaluation Techniques in Education
EDUC 0622 Case Studies in Middle and Secondary Education
EDUC 0587 Instructional Practices: Materials & Classroom Procedures in Secondary Education
EDUC 0632 Research in Education (research project required)
EDUC 0633 Social Cultural Theories: Foundations of Education

Standard I             (18 s.h.)

Select under advisement, six 500 or 600 level BIOL, IDIS, or CHEM courses, at least four of which must be BIOL.

A maximum of one 300-level undergraduate course modified to carry graduate credit with the addition of a project applying the subject to the secondary curriculum may be included in the program.

As amended at Graduate Education Council, December 5, 2005

Requirements for Master's Degree:            33 s.h.

Students are required to successfully complete a written comprehensive examination to demonstrate mastery of knowledge gained in coursework and to relate concepts across the curriculum. The comprehensive exam may be taken after completing all required courses and a minimum of 27 s.h. of coursework within the Master’s program.