



# Department of Curriculum & Instruction

## Science & Environmental Education Specialization within the Secondary Education Master's Degree Program

The Science & Environmental Education Secondary Education major includes 21 hours in professional education and 15 hours in science. The professional education courses provide you with a broad overview of science instruction and curriculum as well as experiences in curriculum design and development. The science courses are prescribed on an individual basis to provide you with a choice of field breadth or specialization in a selected discipline of science.

1. General Curriculum (3 hours): Education J500.
2. Special Program Area Basic Course (3 hours): Education E548, Q517, or S518.
3. Specialized Studies (12 hours):
  - A. Science Education (6 hours)
    - Select from the following Education courses: E548, Q506, Q528, Q540, and S518
  - B. Primary Science Area Courses (6 credits).
    - These courses must be at the graduate level in the primary area in which professionalization is desired.
4. Foundational Areas & Inquiry Skills (3 hours minimum):
  - Select at least one of the following Education courses: P501, P507, P510, P516, P525, P540, P544, H510, H520, H530. Other courses may be needed for special skills related to a particular practicum or thesis topic.
5. Electives in Science for the Supporting Area (9 hours): These courses must be at the graduate level in the supporting area in which professionalization is desired.
6. Thesis or Practicum Option (6 hours): Practicum proposals and thesis topics must be selected with the approval of your advisor. Practicums must extend over at least two semesters or one semester and a regular summer session. Six hours of course work may be substituted in lieu of a thesis or practicum with the approval of your advisor.

For information about a secondary education master's degree with a specialization in Science & Environmental Education, contact:

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