Science and Environmental Education Specialization within the Secondary Education Master’s Degree Program

The Science and Environmental Education Secondary Education major includes 21 hours in professional education 9 hours in science and 6 hours in electives. 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. **Specialized Studies** (18 hours):
   - **A. Science Education** (9 hours): Select from the following Education courses: E548, S518 and any 500 or 600 level Q (Science Education) course.
   - **B. Science Area Courses** (9 credits). These courses must be at the graduate level from one or more science area.

3. **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.

4. **Electives** may be from Education, Science or another area if they carry graduate credit (6 hours).

5. **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 and Environmental Education, contact:

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