

UW-Stevens Point Environmental Studies Teaching Licensure Program Overview

Program overview: This program for certified teachers in the state of Wisconsin is a route to obtaining the Environmental Studies license (#615).

Program description: The goal of this program is to provide background/content, methods, and resources to teach a secondary level environmental science/studies course. Environmental science is an interdisciplinary study that integrates information and ideas from the natural sciences and the social sciences to study the relationships between organisms and the environment. Environmental science courses provide a setting in which students learn about challenges facing our society and prepare them to be leaders and decision makers that move our society toward sustainability. Educators teaching an advanced placement (AP) level course will need additional preparation through courses or experience in natural resources/environmental science.

Add-on option

If you are a licensed teacher, you can add the environmental studies (#615) license by meeting all of the following requirements:

1. Approved major in a science field
2. Coursework in the following areas. The courses listed are offered at UW-Stevens Point. Equivalent courses from other accredited institutions may be accepted at the discretion of the UW-Stevens Point Environmental Science Teaching License Program Coordinator.
 - a. One of the following
 - NRES 151: Ecological Basis for Natural Resource Management (3 credits)
 - BIOL 305: General Ecology (3 credits)
 - NRES 612: Ecological Basis for Environmental Education (1 credit – online)
 - b. NRES 705: Environmental Issues Investigation (1-3 credits - online)
 - c. NRES 701: Environmental Education Theory and Practice (3 credits - online)
 - d. NRES 595: Environmental Science for Educators (3 credits – online)
 - e. At least one course from each category: natural resources, science, and interdisciplinary.

Category A – Natural Resources

- FOR 701: Survey of Forestry (1 credit)
- NRES 220: Global Climate Change and Water Resources, 10th Century to Present (3 credits)
- *NRES 250: Introduction to Fisheries, Forestry and Wildlife Resources (4 credits)
- *NRES 251: Introduction to Soil and Water Resources (4 credits)
- NRES 324: Invasive and Exotic Species (3 credits)
- NRES 340: Basic Concepts of Sustainability (1-3 credits)
- NRES 372: Resource Economics (3 credits)
- NRES 390: Nature Interpretation in Wisconsin (1-3 credits)
- *NRES 458: Biodiversity and Conservation Biology (3 credits)
- NRES 530: Environmental Health (1 credit – online)
- NRES 715: Plant Resources and Humans (1 credit – online)
- NRES 735: Renewable Energy (1 credit – online)
- NRES 743: Human Influence on Wisconsin Forests (1 credit – online)
- SOIL 763: Soil Resource Issues (1 credit)

- *WATR 382: Water Quality Management (3 credits)
- *WATR 481: Limnology (3 credits)
- WATR 482: Biological Assessment of Water Quality (3 credits)
- *WATR 493: Watershed Management (3 credits)
- WATR 750: Water Resources in Society (1 credit – online)
- WSTE 380: Solid Waste Management (3 credits)
- WSTE 763: Waste Resource Issues (1 credit)

Category B - Biology

- *BIOL 306: Ecological Methods (1 credit)
- *BIOL 308: Plant Communities of the Upper Midwest (2 credits)
- *BIOL 309: Field Biology (3 credits)
- *BIOL 342: Vascular Plant Taxonomy (4 credits)
- *BIOL 355: Plant Ecology (4 credits)
- *BIOL 375: Fisheries Ecology (3 credits)

Category C - Interdisciplinary

- *ANTH 353: Cultural Emphasis in Ethnobotany (3 cr)
- *ANTH 372: Environmental Anthropology (3 cr)
- ECON 725: Economics and Environmental Issues (1 credit)
- GEOG 335: Climate: Past, Present, and Future (3 credits)
- GEOG 340: Processes of Environmental Degradation (3 credits)
- GEOG 344: Environmental Hazards (3 credits)
- *GEOG 354: Climatology (3 credits)
- GEOL 730: Environmental Geology for educators (1 credit)
- HIST 204: Modern Global Environmental History (3 credits)
- HIST 280: American Environmental History (3 credits)
- HIST 304: History of Climate Change (3 credits)
- HIST 380: Environmental Politics, 1900 to Present (3 credits)
- HIST 594: Topics in Environmental History (1 credit – online)
- PHIL 345: Philosophy of Nature (3 credits)
- PHIL 380: Environmental Ethics (3 credits)
- PHIL 381: American Indian Environmental Philosophy (3 credits)
- PHIL 385: Philosophy of Ecology (3 credits)
- POLI 304: Environmental Policy (3 credits)
- POLI 305: International Environmental Politics (3 credits)
- *SOC 355: Environmental Sociology (3 credits)

*Courses with prerequisites. Some require a biology major. Some require one or more introductory courses in the discipline. Some require consent of the instructor.

3. Meet the School of Education requirements in the box below, as well as submitting unofficial transcripts and unofficial teacher license for verification of remaining School of Education requirements.

| UWSP School of Education Requirements | |
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| Your Current License | Requirements |
| Secondary grades 7-12 and 9-12 | <ol style="list-style-type: none"> 1. Education 385/585 – Teaching the Early Adolescent (Offered summers) 2. Passing score of 154 on the Praxis II “General Science: Content Knowledge” test #0435 (if taken during pilot year, no score required) 3. Student teaching is required if your initial license is NOT in a science area 4. Portfolio – (see below) <p>(Note: Your new environmental science license will be Ages 10-21, Early Adolescence through Adolescence. Your current secondary license could also be changed to ages 10-21.)</p> |
| Secondary grades 6-12 or 5-12 or Ages 10-21 or Ages 0-21 | <ol style="list-style-type: none"> 1. Passing score of 154 on the Praxis II “General Science: Content Knowledge” test #0435 (if taken during pilot year, no score required) 2. Portfolio – (see below) 3. Student teaching is required if your initial license is NOT in a science area <p>(Note: Your new environmental science license will be ages 10-21.)</p> |
| <p>Notes:</p> <ul style="list-style-type: none"> • Student teaching may be completed “on-the-job.” • Praxis II Testing information - See ETS web-site for registration information - www.ets.org/praxis - this test is only given 6 times per year and it takes at least 6 weeks to get your scores back - UWSP does have study guides at the Reserve Desk of the library for a 3-day check out - please make sure to use code 1919 for “score recipient.” • Portfolio – At the time you apply for your add-on license, you will be required to submit either a CD or jump drive with all assignments for your classes for the new license included. | |