

ENR 5194 : Water and Wildlife Training for Educators

Semester Hours – 2 under/grad

Prerequisites: In-service teacher, non-formal educator, or pre-service educator with junior rank or above by summer of enrollment or permission of instructor

Description: A field-based opportunity to receive certification in *Project Wild*, *Project Wild Aquatic*, *Project Wet* and *Healthy Water, Healthy People* educational curricula

Format: An immersive, hands-on workshop based on learning by doing. Individual and cooperative group activities in the classroom and outdoors. Attention to learning styles, applications of educational research, regional education opportunities and resources, and curriculum needs at different grade levels and in nonformal settings. Classwork will take us to multiple Lake Erie islands and coastal areas.

Course Goal: Provide educators with the opportunity to earn certification to effectively implement lessons and instructional strategies from *Project Wild*, *Project Wild Aquatic*, *Project Wet* and *Healthy Water, Healthy People* into standard curriculum topics (MS/HS levels)

Participants will:

- use the resources of Stone Laboratory, Lake Erie and the Island region to gain hands-on experience with the lessons
- practice and model the use of inquiry-based pedagogical strategies
- identify lesson alignments to state standards and Great Lakes Literacy Principles
- explore and critically evaluate online Great Lakes resources that can supplement water and wildlife curricula
- construct assessment questions at various levels of cognitive demand to accompany lessons
- develop a plan for integrating multiple lessons into their specific educational settings
- experience stewardship activities for enhancing community understanding and the Great Lakes environment

Evaluation:

Daily participation in class activities	20%
Daily assignments based on class activities	20%
Reflective note-taking	20%
Peer teaching of <i>Project Wet</i> or <i>HW, HP</i> activity	10%
Peer teaching of <i>Project Wild</i> or <i>Wild Aquatic</i> activity	10%
Integration Action Plan	20%

Materials: Participants will pay a portion of the purchase price of each of four curriculum guides. Internet use will be frequent so a laptop computer equipped for wireless access will be helpful.

continued

Instructors: Ohio Sea Grant Education Specialists and Classroom Teachers--

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Tentative Course Plan:

Each day's class will be a combination of lessons from all four curriculum guides along with demonstration and practice of instructional methods. Specific lessons from each curriculum guide will be chosen based on participants' needs. Participants will be peer teaching in addition to facilitator-lead activities. Educators may expect to use activities just as they would in their formal or informal settings, and best practices in science/environmental education will be modeled.

In addition to curricular lessons, daily hands-on field trips or science experiences will be scheduled. Please note, all plans are tentative based on weather, class readiness, and availability of lab resources.

Day	Activities
Sunday June 14	Evening: Participant introductions and course overview Introduction to curriculum and literacy frameworks Pre-assessment
Monday June 15	All Day: Field Trip to Kelley's Island
Tuesday June 16	Afternoon: Science Cruise
Wednesday June 17	All Day: Field Trip to Mainland, East Harbor State Park, Old Woman Creek NERR
Thursday June 18	Afternoon: Macroinvertebrate sampling on Alligator Bar Evening: Research brief, followed by Guest Lecture
Friday June 19	Evening: Field Trip to South Bass Island State Park
Saturday June 20	Morning: Presentation of Integration Action Plan Post-assessment and evaluations

One wild week, three certifications

STONE LABORATORY June 14-20, 2015

Become certified to teach

... this!



Includes Aquatic WILD
All Project WILD materials are provided free of charge by the Ohio Division of Wildlife.

... and this!



Water Education for Teachers

... and this!



... in only one week!

ENR 5194: WATER AND WILDLIFE TRAINING FOR EDUCATORS

Earn professional development credit while learning and living on a Lake Erie island. Participants in this field-based, one-week course will receive certifications in all of these educational programs. To apply, submit the Stone Lab Course application found at stonelab.osu.edu/applynow.

For additional information, please contact Program Coordinator Arleen Pineda at pineda.2@osu.edu or 614-292-8949.



F.T. Stone Laboratory, The Ohio State University's Island Campus, is the Lake Erie research and teaching laboratory for the Ohio Sea Grant College Program. Course credits are based on the Ohio State University semester credit system and are transferable to most colleges and universities.



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