



SOMEONE IS GOING TO BE THE **NEXT** GREAT SCIENTIST

It's easy to make leaps forward in learning when you wake up every morning to the sound of Lake Erie lapping on the shores of Gibraltar Island.

Stone Laboratory, established in 1895, is the summer island campus for The Ohio State University and a base for professional scientists from all over the Midwest.

With 25 college-credit courses and a variety of non-credit workshops each

summer, Stone Lab is training students from all over the United States in the basics of biological and ecological sciences. When you study at Stone Lab, Lake Erie is your classroom and your laboratory.

Thousands of Stone Lab alums are making waves all over the world in biological and environmental sciences and even in science, technology, engineering and math (STEM) education. Join us to find your path.

OHSU-SLC-1728



WILL IT BE YOU?

STONELAB

THE OHIO STATE UNIVERSITY'S
ISLAND CAMPUS ON LAKE ERIE

2018 Course Offerings

INTRODUCTORY COURSES / UPPER LEVEL COURSES /
EDUCATOR COURSES / REU SCHOLARSHIP PROGRAM



Summer Courses 2018

STONELAB

Introductory Courses (2 credits)

Sunday-Saturday, open to advanced high school students and current college students.

June 10-16

ENR 2360	Ecology and Conservation of Birds
EARTHSC 1107	Field-Based Introduction to Oceanography
EEOB 1930	Introduction to Biological Studies – Aquatic Biology
KNSHP 1140.05	Lake Erie Sport Fishing

July 22-28

EEOB 1930	Introduction to Biological Studies – Aquatic Biology
EEOB 1920	Introduction to Biological Studies – Birds

July 29-August 4

EEOB 1930	Introduction to Biological Studies – Aquatic Biology
EEOB 1910	Introduction to Biological Studies – Local Plants
ENTMLGY 1260	Introductory Insect Field Biology



Upper Level Courses

Open to college students who are studying biological sciences, education and natural resources as well as science teachers.

FIVE-WEEK COURSES – 4 CREDITS

Monday, Wednesday and Friday OR
Tuesday, Thursday and Saturday

June 17-21

EEOB 5420	Aquatic Ecosystems – Ecology of Inland Waters (TRS)
EEOB 3420	Behavioral Ecology (MWF)
EEOB 3410	Ecology (TRS)
EEOB 3310	Evolution (MWF)
EEOB 5940	Field Zoology (TRS)
EEOB 5920	Field Biology of Aquatic and Wetland Plants (MWF)
EEOB 5930	Ichthyology (MWF)

ONE-WEEK COURSES – 2 CREDITS

Sunday-Saturday

May 20-26

EEOB 5910	Field Herpetology
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June 22-28

EEOB 4950	Field Ecology
ENR 3280	Water Quality Management

July 29-August 4

EEOB 5210	Spider Biology
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OTHER COURSES – 1 DAY / 0.5 CREDIT

EEOB 5970	Larval Fish Identification
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Tuition Assistance and Jobs

All students taking for-credit courses are eligible for scholarship funds. The average award for high school students in 2017 was \$433, while undergraduate students were awarded an average of \$910. Students enrolled in five-week courses can also apply for part-time jobs at Stone Lab to cover the cost of room and meals.

Course credits are based on The Ohio State University semester credit system and are transferrable to most colleges.



Educator Courses (2 credits)

Open to both formal and informal educators and college students studying education.

July 14-20

EARTHSC 5189.05	Field Geology for Educators: Geologic Setting of Lake Erie
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July 29-August 4

ENR 5690	Water and Wildlife Training for Educators
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Educator Workshop

July 26-28

Enhancing Earth Science Education with Educational Technology

REU Program

Stone Lab's five-week Research Experience for Undergraduates (REU) Scholarship Program must be paired with one of the five-week upper level courses. Students spend non-class days working with research supervisors, collecting data, analyzing discoveries and preparing a final presentation.

- › Invasive Species and Forest Composition of the Lake Erie Islands (Botany)
- › Visual ecology of walleye and emerald shiners (Ichthyology)
- › Survival of birds inhabiting the Lake Erie Islands (Ornithology)
- › Fish investigations to inform fisheries management (Fisheries Research/Management)
- › Exploration of Lake Erie nutrient loading, hypoxic events (the "dead zone") and harmful algal blooms (Limnology)

Non-Credit Workshops

- › Algae Identification
- › Dealing with Cyanobacteria, Algal Toxins and Taste & Odor Compounds
- › Enhancing Earth Science Education with Educational Technology
- › Fish Aging
- › Fish-Sampling Techniques
- › Intro to Bird ID and Banding
- › Lake Erie Island Wetland Plant Field Identification and VIBI
- › Lake Erie Sport Fishing
- › Larval Fish ID
- › Outdoor Photography
- › Planning to Prevent the Spread of Aquatic Invasive Species: AIS/HACCP

