# Summer Courses 2018

## Meeman Biological Station

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<th>Course Title</th>
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<td>Field Techniques in Vertebrate Zoology</td>
<td>Pre-Summer</td>
<td>May 7-25, 2018</td>
<td>Dr. Michael Kennedy</td>
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<td>(May-Mester)</td>
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<tr>
<td>Wetlands Ecology</td>
<td>Summer I</td>
<td>June 4 – July 3, 2018</td>
<td>Dr. Melissa Koontz and Dr. Lyndsay Saunders</td>
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<td>Lichen Biology</td>
<td>Summer II</td>
<td>July 9-19, 2018</td>
<td>Ms. Lynda Miller</td>
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<td>(mini-course)</td>
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**FIELD TECHNIQUES IN VERTEBRATE ZOOLOGY**

Provides students who enjoy the outdoors an opportunity to study fish, amphibians, reptiles, birds, and mammals in their natural surroundings.

**WHAT:** BIOL 4651-6651 — a four credit hour field course

**WHEN:** Pre-Summer Session (May-Mester) May 7-25, 2018

**WHERE:** Edward J. Meeman Biological Station, 1236 Cuba-Millington Road Millington, TN 38053

**WHO:** Dr. Michael L. Kennedy mikenndy@memphis.edu

**FOR WHOM:** Undergraduate and Graduate Students — Permission of Instructor Required

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**WETLANDS ECOLOGY**

Summer I 2018

Meeman Biological Station

**WHAT:** Lichen Biology (BIOL 4099-6093) — a new 3 credit hour offering

**WHEN:** Second Summer Session July 9-19, 2018 (mini-course)

**WHERE:** Meeman Biological Station, 1236 Cuba-Millington Road Millington, TN 38053

**WHO:** Lynda Miller — College of the Ozarks; has published on Shelby County lichens

**FOR WHOM:** Undergraduate and Graduate Students — No Prerequisites

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**LEARN WHAT MAKES WETLANDS REMARKABLE ECOSYSTEMS!**

- What makes a wetland a wetland?
- What’s the difference between a swamp, bog, fen, and marsh?
- How are wetlands managed?
- How have humans affected wetlands?
- What’s a wetland ever done for me?

**BIOL 4054/6054**

June 4 – July 3

Lecture and Lab

Instructors: Dr. Melissa Koontz & Dr. Lyndsay Saunders

Permit required

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**lichen Biology**

Are they plants? Are they fungi? Are they environmental indicators?

Find answers to these questions and more in this immersive field course!

Learn about Lichen Collection and Identification, Structure and Physiology, Ecological Roles, and Environmental and Economic Benefits

www.memphis.edu/meeman/courses