**Spring Intersession & Summer 2019 Application**

The University of Oklahoma Biological Station is located on the shore of Lake Texoma, 120 miles south of the OU Norman campus, and includes housing and dining facilities, classrooms, library, computer lab, wireless internet, research facilities, large natural area, and more.

**Are you a student at another university?** Apply as Undergraduate Visitor or Visiting Graduate Student ([www.ou.edu/admissions/apply/nondegree.html](http://www.ou.edu/admissions/apply/nondegree.html)) to take a UOBS course and transfer credit to your home institution.

**Intersession/Summer 2019 Courses**

**Session 1: May 13-24**

**Arthropod Vector Surveillance and Management**
BIOL 4970-050, Heather Ketchum. Vector borne diseases are escalating. This course focuses on surveillance and management of vectors that negatively impact animal and human health, with hands-on study in the field, and development of integrated vector management program.

**Molecular Techniques for Field Biology**
BIOL 4353/5353-050, James Thompson, Jr. and Ron Woodruff. Application of molecular biology to field studies of animal populations, including DNA and protein techniques, and their application in phylogenetics and population genetics.

**Senior Seminar (Capstone)**
BIOL 4983-050, Brent Tweedy. Interdisciplinary approaches to synthesize ideas from the major fields of biology. Readings and discussion will focus on contemporary social, ethical and economic issues.

**Session 2: May 28 - June 7**

**Stream Ecology**
BIOL 4423/5423-050, Caryn Vaughn. Ecology of stream ecosystems, including biological, physical, and chemical features of Oklahoma streams studied in their natural setting.

**Field Mammalogy**
BIOL 4023/5023-050, Hayley Lanier. Principles of mammalian ecology, conservation, and biodiversity with emphasis on local mammals in their natural environment.

**Field Studies in Biological Conservation**
BIOL 4583-050, Priscilla Crawford. Introduction to biological conservation issues in southern Great Plains, including analysis of conservation challenges and methods to address them, with visits to diverse eco-regions of Oklahoma.

**Session 3: July 8 - 19**

**Field Herpetology**
BIOL 4063/5063-050, Jessa Watters. Comprehensive overview of reptile and amphibian biology, including ecology, management, sampling, and conservation.

**Aquatic Insect Ecology**
BIOL 4970-050, Daniel Allen. Basic principles of aquatic entomology, the study of aquatic insects and other invertebrates. A hands-on course with significant time devoted to field trips and time in the lab identifying local species and understanding their natural history and ecology.

**Orientation meeting in Norman**
In April (day and time to be announced) we will have an optional orientation meeting to discuss what to expect in BioStation courses and what to bring with you, and to answer any questions you have. Watch your email for more information.

**Prerequisites** for all courses (except Senior Seminar) are two college science courses that include a laboratory, one of which should be in biological sciences, or a semester of college biology and a semester in another natural science. Students without biology experience should complete BIOL 1010/2010, and those without plant experience should complete BIOL 1020/2020.

**Credits** earned at the OU Biological Station are University of Oklahoma credits and may be applied toward degrees in the same manner as credits earned at the Norman campus. All courses (except Senior Seminar) satisfy one upper-division lab requirement in biology.

**Housing and meals** are provided on site. Meals are served cafeteria-style by University Food Services. Housing is dormitory-style, and students should bring bed and bath linens. Cost of housing and meals package is $401.50 (price subject to change). Students living near the biological station may attend as commuters, and pay a $55 facility fee, and purchase individual meals.

**Textbooks and supplies** may be purchased at the biological station upon arrival, with payment by cash or check. We are not able to accept credit cards.

**Arrival and registration for Session I** is 2:00 – 4:00 p.m. on Monday, May 13. The office will open at 2:00 p.m. for check-in. An orientation meeting will be held at 4:30 p.m., followed by dinner at 6:00 p.m. Classes begin Tuesday, May 14, and continue through Friday, May 25. Classes will not meet on Sunday, May 19.

**Arrival and registration for Session II** is 2:00 – 4:00 p.m. on Tuesday, May 28. The office will open at 2:00 p.m. for check-in, followed by an orientation meeting at 4:30 and dinner at 6:00. Classes start on Wednesday, May 29, and continue through Friday, June 7 (no Sunday break).

**Arrival and registration for Session III** is 2:00 – 4:00 p.m. on Monday, July 8. The office will open at 2:00 p.m. for check-in, followed by an orientation meeting at 4:30 and dinner at 6:00. Classes start on Tuesday, July 9, and continue through Friday, July 19. Classes will not meet on Sunday, July 14.

**Map** at [http://www.ou.edu/content/uobs/about.html](http://www.ou.edu/content/uobs/about.html), or in Google Maps or Apple Maps enter “University of Oklahoma Biological Station”

**For questions and additional information**, please contact Deanna Cathey, dcathey@ou.edu, (405) 325-7431, or contact the Director, Gary Wellborn at gwellborn@ou.edu.

Visit [ou.edu/uobs](http://www.ou.edu/uobs) for additional information.