Regardless of your year, major or home university, this is YOUR CHANCE to get research experience and study the world around you.

“I’ve learned about so much more here than I’d ever expected to in 3 months. Definitely one of the **best experiences in my life** so far.”

wwwlsa.umich.edu/umsb/
2015 Field Courses

Open to students of all university levels, majors and home institutions. full descriptions, tuition and instructor info on our website.

May 26 - June 20

Spring I Session: Classes meet 5 days/week for 4 weeks. Each class is worth 5 credits.

Biology of Birds (EEB 330); Rwert
Study ornithology with an emphasis on field identification. Lectures cover bird evolution, physiology, behavior, ecology and conservation.

General Ecology (EEB 381); Holmer, Karowe
Study the factors influencing the distribution and abundance of life. Course topics focus on individual ecology, population ecology, community ecology and ecosystem ecology. (Equivalent to EEB 281 and 282.)

Ethnobotany (EEB 455); Herron
Learn to identify, classify, harvest and culturally process many of the northern Michigan plants used for food, medicines, crafts, cordage, teas and ceremonies during pre- and post-European-American contact.

June 6 - 20

Spring II session: Class meets every day for 2 weeks and is worth 2 credits.

Field Methods in Great Lakes Oceanography (EEB 401/REE 501); Fahnenstiel, Nalepa, Schewb
Use a variety of traditional and state-of-the-art techniques to characterize biological communities and measure important physical and biological processes in the Great Lakes from the decks of several research vessels.

June 25 - August 22

Summer Session: Students take 2 classes, each of which meets 2 days/week. Each class is worth 5 credits.

Biology of Insects (EEB 442); Scholtens
Meet the beetles. This course introduces you to entomology, emphasizing the diversity of insects and their ecology, behavior, physiology and conservation biology.

Algae in Freshwater Ecosystems (EEB 457); Lowe and Koielek
Conduct a survey of the algae of Northern Michigan with an emphasis on taxonomy and ecology. Students become familiar with the algae of streams, bogs, fens, swamps, beach pools and the Great Lakes.

Freshwater Ecology: Limnology (EEB/ BIO 482); Moore
Learn the fundamentals of aquatic ecology (with an emphasis on lakes) from an ecosystem-level approach. Gain experience in field sampling, data analysis and interpretation.

Biology and Ecology of Fishes (EEB 485); Webb
Study fish communities in the field and laboratory. Examine physiological, functional, morphological and behavioral factors that determine habitat range and distribution.

Behavioral Ecology (EEB 492); Anderson
Observe the fascinating behaviors that animals use to solve ecological problems. Class time is split between lectures and ambitious, original research projects.

Field Botany of Northern Michigan (EEB 556); Davis and Rzemieńek
Get in the field for a comprehensive study of the region’s vascular plants, including characteristic species of terrestrial and wetland species known for their rarity or distinctive distribution patterns.

Research Experiences for Undergraduates (REU)

“BIOSPHERE-ATMOSPHERE-HYDROSPHERE INTERACTIONS IN A CHANGING GLOBAL ENVIRONMENT” June 23 - August 22, 2015

If selected for this nationally competitive, National Science Foundation funded program, you will work with a faculty mentor to design your own research project. By the end of the summer, you will have written your own scientific paper, as well as participated in special workshops and group discussions.

Participants receive:
• $5,000 stipend
• Room and board at UMBS
• Travel/research supplies allowance

REU applications are on the UMBS website in December and have a Feb. 2, 2015 deadline.

www.lsa.umich.edu/umsb/students/

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