

Important Changes to Fall 2024 Course Offerings

Due to staffing changes for next fall, the following courses will no longer be offered:

- **Biology 230 (Biology of Animals)** – If you need this course to graduate, we will accept BIO 106 as a replacement. Please see your adviser to fill out the paperwork.
- **Biology 332 (Entomology)**
- **Biology 376 (Population & Community Ecology)**

We still have several awesome electives to choose from. See the second page of the newsletter for a revised list.

We are also looking for input about courses you (our majors and minors) would like to take. You should have received an email with the survey link. Please fill out the survey at this link to share your opinions! https://oshkosh.co1.qualtrics.com/jfe/form/SV_0GSO3ZivoBU5DHE

Meet the Outstanding Biology Major Award Winners!

Every spring, the Biology faculty select two graduating seniors with excellent GPAs and a history of involvement in the department as our Outstanding Biology Majors. This year's winners are **Geryd Steffek** and **Adam Sobieski**.



Geryd is a Biology major with an Ecology & Organismal emphasis. He plans to attend graduate school in the fall to study reptiles ecological physiology & behavior. Geryd's favorite course in his major was Wildlife Behavior & Conservation (BIO 318).

Adam is a Microbiology major. He is taking next year off to prepare his medical school applications. His goal is to attend medical school and specialize in surgery. Adam's favorite course in his major was Parasitology (BIO 354).

Both Geryd and Adam were involved in research with faculty while at UWO. Geryd worked on a chemical ecology project with Dr. Mitchell and Adam worked on a parasitology project with Dr. Michalski. They both highly recommend that all biology majors take advantage of those high-impact opportunities!

Meet Dr. Sonja Jeter

My name is Dr. Sonja Jeter, and I am Instructional Academic Staff and an adviser for the Biomedical Science major (pre-health) and the Medical Imaging (Radiologic Science emphasis). Courses that I teach include human anatomy, human physiology, microbiology, and general biology. Prior to UWO, I was a certified occupational therapy assistant working in a hospital in-patient rehabilitation unit. My experience in patient care gives me an important perspective as an instructor and adviser in the health sciences. I earned my undergraduate and Master's degrees at UWO and last April completed my doctorate in public health from Samford University.



When I am not working, I enjoy kayaking, birding, and identifying plants with my family. One of my hobbies is photography. Often, you can find me on the sidelines taking photos at my kids' sporting events. Finally, I enjoy reading. Let me know if you have any good book recommendations!

The Biology Department Advising Office is in Halsey 161. To schedule an advising appointment with me, **please send an email to jeters@uwosh.edu**. I would be happy to discuss classes and help you set up an academic plan.

Oshkosh Biology Club Corner

Meetings are **Mondays @ 5 pm in HS 149**. Upcoming meetings: 4/1: Organizational meeting, 4/8: Biology graduate students talk about grad school, Future meetings: Field trips & **fun!** Email Dr. Adler (adler@uwosh.edu) for more information.



Students Volunteers Needed for Greenhouse Event!

Student helpers are needed to welcome local high school students to our campus greenhouse during the Annual Math Contest.

Volunteers needed on 2 days:

- **Friday April 26, 4-6 pm:** Tidy greenhouse for visitors with Dr. Lucas
- **Tuesday April 30, 10:45 am - 1:15 pm:** Help high school visitors propagate plantlets with Dr. Lucas

Contact Dr. Lucas to volunteer (lucasjr@uwosh.edu)

- No experience needed
- Volunteer activity can be listed on resume
- Volunteers must be able to devote at least 1 hour of time

Fox Cities Campus News!

The Fox Cities Biology Club is working on a long-term project with Dr. Shannon Davis-Foust to create a pollinator garden on the Fox Cities campus. They will keep working on this project throughout the spring.

The next meeting will be **Thursday, April 4 @ noon** in Rm 1040. Students will get a chance to figure out their blood type.

Thursday, April 18, the club will meet to paint bird houses for campus.

Fall 2024 Electives

The time for fall 2024 course registration is here! Check out these electives that are being offered next fall:

- ❖ **BIO 303 – Epidemiology:** Learn about a cornerstone of public health and medicine by exploring the field of epidemiology through examining factors that contribute to health and disease. BIO/BMS/MIC/EH
- ❖ **BIO 306 – Neurobiology:** ***ONLINE** only* An introduction to the biology of the nervous system and its regulatory role in the human body. BIO/BMS/CMP
- ❖ **BIO 326 – Lakes, Rivers, & Wetlands:** * **REVISED** * Learn the fascinating ecology as well as some of the important organisms of our lakes, streams, and wetlands, through lectures, labs, and field trips!! BIO/EO
- ❖ **BIO 327 – Microbial Ecology & Diversity:** Microbes are the most abundant organisms on Earth! In this course, you will learn about their complex ecosystems and interactions. BIO/BMS/MIC/EO/CMP
- ❖ **BIO 341 – Immunology:** Learn about your complex immune system that defends you from pathogens & cancer but causes allergies & autoimmune disease. BIO/BMS/MIC/CMP
- ❖ **BIO 360 – Special Topics: Brewing & Fermentation Science.** Learn about the biology involved in making the most popular alcoholic beverage on the planet! BIO
- ❖ **BIO 374 – Cell/Immunology Lab:** Learn valuable skills in biomedical research including cell culture, flow cytometry, immunoblotting, and more! Requires BIO 341 or 372 pre- or co-req, BIO/BMS/MIC/CMP

Counts for: BIO: Biology major; BMS: Biomedical Science major; MIC: Microbiology major; EH: Environmental Health major; EO: Ecology & Organismal emphasis; CMP: Cell/Molecular/Professional emphasis

CHANGES to Required Physiology Courses – PLEASE READ!

As mentioned earlier, the physiology offerings in the department are changing! **As of Fall '24:**

- **BIO 319** (General Animal Physiology) will **ONLY** be offered in the **FALL** semester (counts for Biology & Biomedical Science majors).
- **BIO 450** (formerly Microbial Physiology, now Advanced Microbiology: Modern Research Approaches) will now be offered **ONLY** in the **SPRING** semester (counts for Biology, Microbiology, & Biomedical Science majors).
- **BIO 420** (Medical Human Physiology) will be offered **ONLY** in **SPRING**. This course is ONLY for Biomedical Science majors!
- **BIO 345** (Plant Physiology) is on hold for a year while we adjust staffing after faculty retirements.

Please plan accordingly if you are planning to graduate next year!