

Fall Registration Starts SOON!

We are excited to offer some awesome electives in Fall 2024! A complete list is on the 2nd page of this newsletter. Look for new, revised, and returning courses for all interests. We are always looking to revise our curriculum to provide students with a variety of courses and topics. If you have ideas, please share them with a Biology instructor or email Dr. Kurtz (kurtzc@uwosh.edu) or Dr. Dorn (dorn@uwosh.edu).

Thinking about Graduate School?

Are you not sure about your next steps after graduation? Need a year before you apply to professional school?

Dr. Bob Stelzer and current MS students will be leading an information session about our MS Programs in Biology, Microbiology and Professional Science. JOIN US!

WHEN: Tuesday, March 12, 5:00-6:30 pm,

WHERE: HS 149 (Biology conference room)

FREE Pizza and soda will be provided!

Questions? Contact Dr. Stelzer (stelzer@uwosh.edu)

There is still time to find an internship!

Spring is internship searching season! Internships and volunteer experiences can be excellent additions to your education. If you are interested in learning more ~ **please contact either Dr. Lucas (lucasjr@uwosh.edu) or Dr. Mueller-Spitz (muellesr@uwosh.edu) to schedule an appointment** and complete necessary paperwork to earn internship credits.



Scholarship Opportunities

There is still time to apply for Scholarships! The following scholarships are still available to Biology majors:

- Dr. Sheldon Cooper Scholarship: Due 3/15/24, \$750
- James H. Fisher Family Scholarship: Due 3/15/24, \$2000

Don't wait! Apply today at: <https://uwosh.academicworks.com/>

Volunteer opportunities with Plants!

The UWO Herbarium (Wisconsin's 4th largest research collection of dried, pressed plants) is growing and we need help processing specimens! Tasks include gluing and stamping plant specimens collected from all over the world. No experience needed. Everyone is welcome. Stop by anytime **Thursday, March 14 from 1:00 - 4:00pm in Halsey 9**. Email Dr. Ladwig (ladwigl@uwosh.edu) for more information

Fox Cities Campus News!

The Fox Cities Biology Club has their next meeting on **March 7th (12 pm, Rm 1040)**. Join us and learn how to extract DNA from different sources and compare the results!

Biology Clubs Corner

Oshkosh campus Biology Club is back! Meetings are Mondays @ 5 pm in HS 149. Please join us at upcoming meetings and learn about:

- 3/4: 20+ years of research in Panama (Dr. Greg Adler)
- 3/11: Sustainability efforts on campus (Biology grad Brad Spanbauer)

Are you a Chemistry minor?

Do you still need to take Chem 311 (Analytical Chemistry)? The Chemistry Department was only allowed to open one section of this course. If you need the course and it is closed, please contact Dr. Kevin Crawford (crawfork@uwosh.edu).



Fall 2024 Electives

The time for fall 2024 course registration is coming soon! 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 332 – Entomology:** Learn to identify the insects of Wisconsin and explore the key role that insects play in human health, agriculture, and the environment. BIO/BMS/EH/EO
- ❖ **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
- ❖ **BIO 376 – Population & Community Ecology:** Learn how ecological communities and populations interact and change to shape Earth's biodiversity. BIO/EO

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

NOT SURE WHAT ELECTIVE(S) ARE RIGHT FOR YOU? MEET WITH YOUR FACULTY ADVISER! You can see that person's contact information in Navigate.

DON'T HAVE A FACULTY ADVISER YET? Contact Dr. Kurtz (kurtzc@uwosh.edu) or Dr. Dorn (dorn@uwosh.edu) or stop by the Biology office (HS 142) and talk to Kelly. You can also email biology@uwosh.edu.

CHANGES to Required Physiology Courses – PLEASE READ!

We mentioned this in an earlier newsletter before spring 2024 registration, but the physiology offerings in the department are changing! **As of Fall 2024:**

- **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!