

The time for **spring 2024 course registration** is coming soon! Check out the electives that are being offered this spring:

- ❖ **BIO 305 – Biology of Mammals** *NEW*: Want to learn more about the furry friends that share our planet with us? Then take this course for a broad overview of the anatomy, evolution, and ecology of these important creatures. *BIO/BMS/EO*
- ❖ **BIO 312 – Medical Bacteriology**: Explore how bacterial pathogens cause human disease from both a clinical and a research perspective. *BIO/BMS/MIC/EH*
- ❖ **BIO 315 – Virology**: *now ONLINE only* Are you interested in learning about viruses or viral diseases, including 1918 influenza, avian influenza, RSV, Ebola virus disease, measles outbreaks, monkeypox, rabies, tickborne viruses, vaccines, coronaviruses, virus, cancer and more? Then this is the class for you! *BIO/BMS/MIC/CMP*
- ❖ **BIO 316 – Development & Stem Cells** *NEW NAME*: Development of organisms from stem cells with a focus on application and ethical implications (resurrecting extinct animals, human cloning, and gene editing). *BIO/BMS/EO/CMP*
- ❖ **BIO 338 – Environmental Toxicology**: Harm surrounds us all the time, environmental toxicology focuses on understanding biological, chemical, and physical hazards and their impacts on the environment and all forms of life. *BIO/BMS/MIC/EH/EO*
- ❖ **BIO 339 – Public Health & Food Microbiology**: This class examines aspects of infectious disease transmission (via food, water, air, animal vectors) and emerging infectious disease that lead to illness and outbreaks in the human population. *BIO/BMS/MIC/EH*
- ❖ **BIO 354 – Parasitology**: Explore the creepy and bizarre world of parasites, including those that cause tropical and zoonotic diseases, veterinary diseases, and vector-borne diseases. *BIO/BMS/MIC/EH/EO/CMP*
- ❖ **BIO 372 – Cancer Biology** *NEW NAME*: Healthy human cells can become cancerous and potentially deadly; Bio 372 explores our modern understanding and treatment of cancer cells. *BIO/BMS/MIC/CMP*
- ❖ **BIO 390 – Applied Molecular Biology Techniques** *NEW*: Learn relevant and marketable molecular biology techniques and hone your laboratory skills! This new course will allow you to manipulate proteins and DNA and analyze your data. *BIO/MIC/CMP*
- ❖ **BIO 445 – Special Topics in Environmental Health**: This semester’s topic is infectious disease and other conditions that can develop following travel and other recreational activities. *BIO/EH*

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 Physiology Course Offerings starting next Fall!

Spring 2024 will be the last time Animal Physiology (BIO 319) will be offered in the spring semester. Starting in Fall 2024, Animal Physiology and Microbial Physiology (BIO 450) will be offered each fall semester. Plant Physiology (BIO 345) and a NEW course – Medical Human Physiology (BIO 420) will be offered (for Biomedical Science majors only) each spring.

Plant Physiology (BIO 345) is not being offered in spring 2024 due to staffing shortages. If you need to complete your physiology course to graduate in May 2024 or December 2024, please plan accordingly. Questions? See your faculty advisor or stop by the Biology office.

What’s Happening in the Biology Department

Did you see our new **decals**? “Explore Life” stickers and decals are available. Stop by the Biology office to pick one up today!

Have you taken Biology of Animals (BIO 230) and Biology of Plants & Microbes (BIO 231) yet?

They are required for Biology majors (both emphases)! Take them early! Don’t wait until your final year here!

Fond Du Lac/Fox Campus News

BIO 212 (Human Physiology) will not be offered on the Fond du Lac campus this spring. Please register for BIO 212 at the Oshkosh or Fox Cities campus if you need this course !

Biology Club Corner

Biology Club activities draw a crowd! If you missed the first Greenhouse Open House or the cheese-making event last month, don't fear! Check out our upcoming events and come to Biology Club meetings (Thursday's 5:00 – 6:00 p.m. in Halsey 149)!

- Friday, November 3, 3:00 – 5:00 p.m., Location TBA. Lecture and Discussion with Provost Ed Martini about his research and book "Agent Orange: History, Science and Politics". Learn about the history of this terrible toxin and herbicide used in the Vietnam War and how it has affected the health of millions of veterans and civilians. Food will be provided.
- Friday, Dec 1, 3:00-5:00 p.m., Greenhouse Open House. Halsey 5th floor (center staircase). Come with a smile, walk away with a plant! Come enjoy snacks, conversation, and warmth in the Biology greenhouse.

