Mayville State University

At Mayville State, you'll earn more than a degree. You'll earn an education.

Composite in Biology Education • *Bachelor of Science in Education*

Personal Service

We pride ourselves on being just the right size to give students the time they need to be successful. Our average class size is 15, so you will have small, personalized class settings with a technological focus for you to receive the education that you deserve. Your professors will introduce you to new ways of thinking, explore issues creatively, and evaluate ideas as you engage in the world.

Opportunity

Whether it's music, athletics, or politics, students at MSU have the chance to participate in a variety of activities and clubs. These organizations are a great way to make new friends with similar interests, and the involvement outside the classroom looks great on a resume.

Some clubs and activities include:
- Theater
- Band & choir
- Computer Technology Club
- Science Club
- Comet Radio
- Student government
- Intramural sports

Success

Our students get jobs. Period. Job placement rates are consistently 96-98%! We also have internship opportunities to give you real, hands-on learning experiences and make your resume stand out.

Value

The combination of MSU's affordability and its unique offerings make it a Best in the Midwest College, as designated by the Princeton Review. MSU was also named one of the 2013 top three Public Regional Colleges in the Midwest by U.S. News & World Report.

Named a Best College in the Midwest — The Princeton Review — 2013

The Program

Mayville State University's composite in biology education program prepares you for the ever-changing world of science. You will learn how to impact the future of those you teach with hands-on experience in the lab and real-word classroom opportunities.

Advantages

A student who is capable of critically evaluating information is more likely to be successful in a variety of areas including graduate school, teaching, or in everyday life. Areas that you'll learn about in MSU's biology program are:

- Biological science data analysis
- Generation
- Interpretation

Faculty-to-student ratio. Small class sizes provide the attention that you deserve and the education that you want. You will have ample opportunities for hands-on lab practice and build positive relationships with your instructors.

Tradition of training teachers. For more than a century, Mayville State University has been training teachers. Teacher education has been critical to our mission since we opened our doors in 1889.

1-800-437-4104
www.MayvilleState.edu

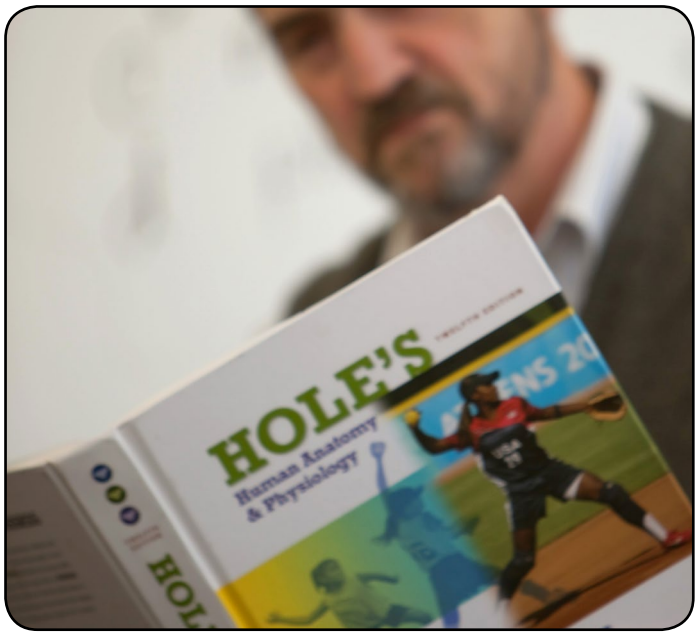
A Word About Our Grads

Mayville State biology graduates find that career opportunities are readily available to them. Students who plan to seek employment in the field of education can enter the workplace upon graduation. If you wish to continue the educational experience, after graduating from MSU you will be prepared to enter medical school, veterinary school, or to pursue other graduate and professional studies.

MSU alumni of the biology program have gone on to continue education in California, Minnesota, Nebraska, and North Dakota for:

- Medical school
- Pharmacy school
- Veterinary school

Other MSU graduates went on to teach all over the country, including Nevada, Texas, California, and Arizona.



A minor is not required with this major program.

Teacher certification also requires completion of EDUC 398 - Secondary Education Field Experience and EDUC 484 - Secondary Methods for Science.

Completion of this program qualifies graduates for certification to teach all sciences, grades 7-12, in North Dakota, and for biology or life science licensure, grades 5-12, in Minnesota. A capstone laboratory or non-laboratory project (SCNC 480) is required.

Composite In Biology Education Bachelor of Science in Education

BIOL 150/L	General Biology I/Lab	4
BIOL 151/L	General Biology II/Lab	4
BIOL 220/L	Anatomy & Physiology I/Lab	4
BIOL 236/L	Survey of Botany/Lab	4
BIOL 311/L	Invertebrate Zoology/Lab	4
BIOL 315/L	Genetics/Lab	4
BIOL 332	General Ecology	3
BIOL	Electives (BIOL 302, 312, 341,or 350 w/Lab) Suggested	4
BIOL 476S	Comp. Review and Exam	1
CHEM 121/L	General Chemistry I/Lab	4
CHEM 122/L	General Chemistry II/Lab	4
CHEM 341/L	Organic Chemistry I/Lab	5
GEOL 115/L	Introductory Geology/Lab	4
MATH 323	Probability & Statistics	3
PHYS 110/L	Introduction to Astronomy/Lab	4
PHYS 211/L	College Physics I/Lab	4
PHYS 212/L	College Physics II/Lab	4
EDUC 398	Secondary Ed. Field Experience	1
EDUC 484	Secondary Methods for Science	2
SCNC 480	Science Comprehensive	1

EDUC 480 - General Methods for Secondary Educators, which is offered only in the spring semester, shall precede the secondary methods courses listed below.

Secondary Education Block

8:00 a.m.-1:00 p.m. on Tuesday and Thursday mornings during fall semester, must be reserved for the following courses which are required for teacher certification for each major and minor field:
EDUC 481 - Sec. Methods for English
EDUC 482 - Sec. Methods for HPE
EDUC 483 - Sec. Methods for Math
EDUC 484 - Sec. Methods for Science
EDUC 485 - Sec. Methods for Social Science

The following course shall be taken concurrently:
EDUC 398 - Secondary Education Field Experience (One semester hour of credit per methods course).

See Secondary Education for complete listing of required courses.

No other classes may be scheduled during this block of time: Tuesdays and Thursdays, 8:00 a.m. - 1:00 p.m.