

# Mayville State University

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

Mayville State is proud to help students achieve their educational, professional, and personal goals at an extremely affordable price. The combination of MSU's affordability and its unique offerings makes it a Best Midwestern College, as designated by the Princeton Review. MSU was also named one of the 2011 Top Five Best Public Universities in the Midwest by the U.S. News and World Report.

### Personal Service

We pride ourselves on being just the right size to give students the time they deserve. Our average class size is 15.

### Opportunity

You'll have the chance to develop your leadership skills, which will help you succeed in your career after graduation. Athletes can get involved as members of men's and women's sports teams. All students have the opportunity to participate in all sorts of activities and clubs. Campus activities include theatre, band, choir, Campus Crusade, Science Club, Comet Radio, student government, intramural sports, and more.

### Success

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

### "Suite" Dorm Life

MSU's largest residence hall, Agassiz Hall, has been completely transformed to provide apartment- and suite- style living accommodations. Two- or four- person units are available. They all feature private bathrooms and spacious furnished living rooms.



There are few people who impact the world more than teachers. **Mayville State is dedicated to helping you become the best teacher you can be. Mayville State University's biology education program prepares you for success in the classroom so that you can impact the lives of your students.**

### 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-world classroom opportunities.

### Advantages

**Unlimited Opportunity.** Biological science data analysis, generation, and interpretation are areas you'll learn about in Mayville State's biology education program. A student who is capable of critically evaluating information will be successful in graduate school, teaching, or in any career.

**Faculty-to-student ratio.** Small class sizes provide the attention you deserve and the education for which you are paying. 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.



Become a  
Comet VIP!

[www.mayvillestate.edu](http://www.mayvillestate.edu)  
800.437.4104



## Composite in Biology Education

### A Word About Our Grads

Mayville State biology graduates find many career opportunities open to them. Students who plan to seek employment in the field of education 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.

Mayville State alumni of the biology program have gone on to medical, pharmacy, and veterinary schools in California, Minnesota, Nebraska, and North Dakota. Other Mayville State biology graduates are teaching in Nevada, Texas, Minnesota, North Dakota, California, and Arizona.



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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.

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.

