

Mayville State University

Biotechnology
Certificate of Completion



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 20, so you will have small, personalized class settings with a technological focus for you to receive the education you deserve. Your professors will introduce you to new ways of thinking, exploring issues creatively, and evaluating 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
- DECA
- Esports
- Science Club
- Comet Radio
- Student Government
- Intramural Sports

Success

Our students get jobs. Period. 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. This selection process is based on meeting criteria for academic excellence as well as results of surveys done by current MSU students.



The Program

The Certification in Biotechnology program is developed for students with a high school transcript or General Equivalency Diploma (GED). After completion of this certificate program, students will be qualified for many entry-level positions either in a medical hospital or clinic setting, or biotechnology-based industries. Alternately, those with prior experience and/or education can use the certificate as a bridge to increasing demonstrated qualifications for more advanced positions. This program will prepare a student in a little under a year with the knowledge and skills required to succeed in these emerging fields.

The program includes classroom/online courses in General Biology, Microbiology, Cell & Molecular Biology, followed by an intensive laboratory either online or on-campus in the summer. These courses are needed in the analyses and utilization of biological subjects for industrial uses. Students will be trained in laboratory skills in culturing and identifying disease-causing microbes, working with nucleic acid and protein analysis, plasmid isolation and gene cloning.

The certificate program requires to complete a minimum of 12 credits. Students will be required to maintain a GPA of 2.5 or higher and no course lower than a C will be applied towards certification. The courses included in the certificate program may be used to fulfill the department major requirements.

Biotechnology - Certificate

Required Courses:

BIOL 150	General Biology I	3 SH
BIOL 302	Survey of Microbiology	3 SH
BIOL 322L	Techniques of Biotechnology	3 SH
BIOL 341	Cell & Molecular Biology	3 SH

***Please note, certificate program candidates are not eligible for state and federal financial aid.*

Contact

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