The Associate in Science degree in Biotechnology explores the history of molecular biology, current applications in biotechnology, and teaches students basic and advanced molecular biology laboratory techniques and practices. In the program, students will learn practical skills to work with nucleic acids (DNA and RNA) and proteins. The state-of-the-art teaching methods with the laboratory experience will prepare students to further their careers and education in biotechnology.

Students who plan to transfer should consult with the four-year college or university regarding specific requirements for a major and credit transfers.

Academic Requirements
Successful completion of the Associate in Science degree requires a grade-point average of 2.0 (C) or higher, with 25% of the credits taken at MATC.

Admission Requirements
• A high school diploma or GED
• ACT score 18, ACT Math score 20
• MATC’s assessment score of at least: Reading 67, Sentence Skills 76, College Math 43
Associate in Science – Biotechnology Track Curriculum

English – 6 credits required
ENG-201 English 1 ‡
ENG-202 English 2 ‡

Speech – 3 credits required
SPEECH-201 Elements of Speech
(or) SPEECH-203 Interpersonal Communication
(or) SPEECH-206 Intercultural Communication

Humanities – 9 credits required
Select nine credits from 200-level courses in the humanities (such as English, music, art, foreign language, speech). Examples: SPEECH-212, FLANG-214.
Three credits must be in 200-level diversity/ethnic studies courses.
Three credits must be in 200-level fine arts courses.
Examples: MUSIC-205, ART-201.

Social Sciences – 9 credits required
Select from at least three of these five areas:
1. ECON-201 Principles of Microeconomics
(or) ECON-202 Principles of Macroeconomics
2. SOCSCI-203 Introduction to Sociology
3. PSYCH-231 Introductory Psychology
4. SOCSCI-221 American National Government and Politics Today
(or) SOCSCI-222 American State & Local Government
5. HISTORY Any 200-level HIST course

World/Foreign Language – 4 credits required*
Students may earn retroactive credit and credit by exam. Strongly recommended: Take two semesters of the same language if not already taken in high school.

Natural Sciences – 20 credits required
NATSCI-236 Principles of Biology ‡
NATSCI-237 Introduction to Biotechnology ‡
NATSCI-238 Molecular Biology ‡
NATSCI-239 Cell Biology ‡
NATSCI-291 Internship in Biochemical Science‡
(or) NATSCI-290 Biotechnology Seminar ‡

Mathematics – 5 credits required
MATH-231 Analytic Geometry and Calculus 1 ‡

Physical Education – 3 credits required
Select any 200-level PHYED course.

Additional Electives – 8 credits required
NATSCI-186 Biochemistry ‡
NATSCI-197 Microbiology ‡

TOTAL CREDITS: 67

For more information:
matc.edu or 414-297-MATC
Wisconsin Relay System 711

Downtown
Milwaukee Campus
700 West State Street

Mequon Campus
5555 West Highland Road

Oak Creek Campus
6665 South Howell Avenue

West Allis Campus
1200 South 71st Street

MATC is an Affirmative Action/Equal Opportunity Institution and complies with all requirements of the Americans With Disabilities Act. MATC is accredited by the Higher Learning Commission, Commission on Institutions of Higher Education, the national standard in accrediting colleges and schools for distinction in academics and student services. REV 2015/16

‡ Prerequisite required.
Program curriculum requirements are subject to change.
*This requirement may be waived if student completed four high school semesters of same foreign language with a C or higher; the four waived credits must be made up by another 200-level course.