

Food Science Technology

PROGRAM CODE: 10-623-4



Associate Degree



Location: Downtown Milwaukee Campus

Start Date: August

Admission Requirement: High school diploma or equivalent

Academic Preparedness Requirements: One year of high school-level chemistry and advanced algebra

Financial Aid Eligible: Yes. Use code 003866 at fafsa.gov.

Program Description

Applying principles of chemistry and biology to ensure that food products are safe and meet quality standards, this program emphasizes the skills required in the food and beverage manufacturing industry, including innovative ways to produce, package, preserve and distribute foods.

Career Outlook

Employers include manufacturers of foods, beverages and pharmaceuticals.

Program Learning Outcomes

- Perform quality tests.
- Demonstrate safety standards.
- Apply knowledge of production processes.

COURSES

COURSES	CREDITS
CHEMT-101	Chemical Laboratory/Process Safety ‡ ^ 2
CHEMT-103	Introduction to Chemical Technology ^ 2
CHEMT-111	General Chemistry 1 ‡ ^ 5
ENG-195	Written Communication ‡ ^ 3 (or) ENG-201 English 1 ‡
BIOSCI-177	General Anatomy and Physiology ‡ 4 (or) BIOSCI-236 Principles of Biology ‡
CHEMT-105	Introduction to Instrumental Methods ^ 3
CHEMT-112	General Chemistry 2 ‡ ^ 5
ENG-197	Technical Reporting ‡ ^ 3 (or) Any 200-level ENG or SPEECH course
PSYCH-199	Psychology of Human Relations 3 (or) Any 200-level PSYCH course
SOCSCI-197	Contemporary American Society 3 (or) Any 200-level SOCSCI course
CHEM-186	Introductory Biochemistry ‡ 4
FSTEC-101	Food Quality Management 4
FSTEC-190	Food Science 3
MATH-115	College Technical Mathematics 1 ‡ 5 (or) Any 200-level MATH course
BIOSCI-197	Microbiology ‡ 4
ELECTIVES	(Two credits) 2
FSTEC-103	Manufacturing Processes and Lab Science 2
FSTEC-191	Food Science Nutrition 3 (or) BIOSCI-220 Introduction to Nutritional Science

CREDITS

Total credits needed to complete this degree

60

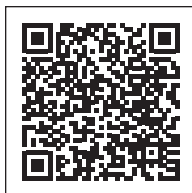
‡ Prerequisite required.

^ Counts toward earning the Science Processing Technician technical diploma.

Program curriculum requirements are subject to change.

Current MATC students should consult their Academic Program Plan for specific curriculum requirements.

MATC courses are offered in person, entirely online or partially online. Check each course's delivery options in Self-Service at selfservice.matc.edu.



Complete Program Details

QUESTIONS? 414-297-6319 or stempathway@matc.edu