

# Associate of Science Chemical Technology: Pre-Major

PROGRAM CODE: 20-800-2



Associate Degree



**Location:** Downtown Milwaukee Campus, Oak Creek Campus, West Allis Campus

**Start Dates:** August and January

**Admission Requirement:** High school diploma or equivalent

**Transfer:** Will transfer to one or more four-year institutions

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

## Liberal Arts and Sciences Four-Year College Transfer Program

The Associate of Science Chemical Technology: Pre-Major provides the first two years of bachelor's degree credit courses that will transfer to four-year colleges and universities. MATC's state-of-the-art labs give students an advantage as they prepare for bachelor's degree studies and the workforce. Courses emphasize chemistry and prepare you for both transfer to a four-year degree program and to begin work in an industrial chemistry lab. Summer research/internship opportunities are available. Students who plan to transfer should consult with the four-year college/university regarding specific requirements for a major and the credit transfer details. Contact an MATC advisor for information.

### Learning Outcomes

- Effective Communication
- Problem-Solving
- Global Competence
- Professionalism
- Critical Thinking
- Information Literacy



### Complete Program Details

**QUESTIONS?** 414-297-6584 or genedpathway@matc.edu

### COURSES

### CREDITS

**English – 6 credits required** ..... 6

ENG-201 English 1 ‡

ENG-202 English 2 ‡

**Speech – 3 credits required** ..... 3

SPEECH-201 Elements of Speech

(or) SPEECH-203 Interpersonal Communication

(or) SPEECH-206 Intercultural Communication

**Humanities – 6 credits required** ..... 6

See courses listed on Program Plan; discuss your course selections with Pathway advisor.

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, ENG-207 ‡.

**Social Sciences – 6 credits required** ..... 6

Select 200-level courses in the Social Sciences. See list of courses in Program Plan; discuss your course selections with Pathway advisor.

**World/Foreign Language – 4 credits required** ..... 4

Any 200-level FLANG

Most four-year universities require at least two consecutive semesters of the same language. Students with prior experience can place into a higher level with the potential of earning 2-14 free retroactive credits. Students who completed four high school semesters of the same language with a grade of C or better can waive this requirement; the four waived credits must be made up with other 200-level credits.

**Natural Sciences – 20 credits required** ..... 20

CHEM-211 Chemistry 1 ‡

CHEM-212 Chemistry 2 ‡

CHEM-215 Quantitative Chemical Analysis ‡

CHEM-217 Organic Chemistry 1 ‡

CHEM-219 Organic Chemistry Lab 1 ‡

**Mathematics – 5 credits required** ..... 5

MATH-231 Analytic Geometry and Calculus 1 ‡

**Physical Education – 3 credits required** ..... 3

Select any 200-level PHYED course(s).

**Additional Electives – 7 credits required** ..... 7

CHEMT-103 Introduction to Chemical Technology

CHEMT-107 Industrial Methods of Analysis ‡

CHEMT-109 Chemical Processes ‡

### CREDITS

Total credits needed to complete this degree

# 60

‡ Prerequisite required.

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](https://selfservice.matc.edu).

Note: It is important to consult the four-year institution regarding transferability of your selected courses. Successful completion of this degree requires a grade-point average of 2.0 (C) or higher, with 25% of the credits taken at MATC.