



# Associate of Science

## Chemical Technology: Pre-Major

**ASSOCIATE DEGREE**

Program Code: 20-800-2

### Downtown Milwaukee Campus

#### 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.

#### Program Learning Outcomes

- Effective Communication
- Information Literacy
- Global Awareness
- Analytical/Critical Thinking
- Professionalism
- Scientific Method

(For full description, see [matc.edu](http://matc.edu).)

#### Admission Requirement

- A high school diploma or GED



General Education  
**MILWAUKEE AREA Technical College**

[matc.edu](http://matc.edu) | 414-297-MATC

**Start dates:** August and January

**For complete information, go to**  
[matc.edu/course-catalog/general-education](http://matc.edu/course-catalog/general-education)

To apply for financial aid, visit [fafsa.gov](http://fafsa.gov) School Code: 003866

**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 ‡

**TOTAL CREDITS: 60**

‡ Prerequisite required.

Program curriculum requirements are subject to change.

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.

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

**Possible Careers**

- Quality Control Technician
- Chemical Processor
- R&D Lab Assistant
- Chemical Technician
- Production Chemist
- Plant Operator

**Related Programs**

- Associate of Science
- Chemical Technician



10% Post Consumer Recycled



[matc.edu](http://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 Education Center  
at Walker's Square**

816 West National Avenue, Milwaukee