Associate in 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 in 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.)

Admission Requirement
• A high school diploma or GED

Start dates: August and January
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 – 9 credits required ................................. 9
Select credits from 200-level courses in the humanities (such as English, art, foreign language, music, 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 ............................. 9
The nine credits must be taken from at least three of these five areas:
1. ECONOMICS  ECON-195 (or) any 200-level ECON course
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 and Local Government
5. HISTORY  Any 200-level HIST course

World/Foreign Language – 4 credits required .......... 4
This requirement may be waived if student has completed four high school semesters of the same foreign language with a grade of C or higher; the four waived credits must be made up by another 200-level course. 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 ..................... 20
NATSCI-211  Chemistry 1 ‡
NATSCI-212  Chemistry 2 ‡
NATSCI-215  Quantitative Analysis ‡
NATSCI-217  Organic Chemistry 1 ‡
NATSCI-219  Organic Chemistry Lab ‡

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

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

Additional Electives – 7 credits required .................... 7
CHEMT-103  Introduction to Chemical Technology
CHEMT-107  Industrial Methods of Analysis ‡
CHEMT-109  Chemical Processes ‡

TOTAL CREDITS: 66

For complete information, go to matc.edu/las
To apply for financial aid, visit fafsa.gov
School Code: 003866

Related Programs
• Associate in Science
• Chemical Technician

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.
‡ Prerequisite required.
Program curriculum requirements are subject to change.

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