


## Engineering Transfer - Chemical


Associate in Science

| Semester 1 |   | Credits                    |
|------------|---|----------------------------|
| CHEM 151   | General Chemistry I  | 4 <input type="checkbox"/> |
| ENGT 140   | Intro to Engineering  | 4 <input type="checkbox"/> |
| MATH 221   | Calculus I  | 4 <input type="checkbox"/> |
| ENGL 101   | English Composition I   | 3 <input type="checkbox"/> |
| HU         | Humanities Elective   | 3 <input type="checkbox"/> |


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| Semester 2 |                         | Credits                    |
|------------|-------------------------|----------------------------|
| CHEM 152   | General Chemistry II    | 4 <input type="checkbox"/> |
| MATH 222   | Calculus II             | 4 <input type="checkbox"/> |
| PHYS 161   | General Physics I       | 4 <input type="checkbox"/> |
| ENGL 102   | English Composition II  | 3 <input type="checkbox"/> |
| SS         | Social Science Elective | 3 <input type="checkbox"/> |

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| Semester 3 |   | Credits                    |
|------------|---|----------------------------|
| CHEM 201   | Organic Chemistry I   | 5 <input type="checkbox"/> |
| ENGT 272   | Engineering Materials  | 4 <input type="checkbox"/> |
| MATH 223   | Calculus III  | 4 <input type="checkbox"/> |
| LS         | Lab Science Elective  | 4 <input type="checkbox"/> |

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| Semester 4 |  | Credits                    |
|------------|--|----------------------------|
| CHEM 202   | Organic Chemistry II  | 5 <input type="checkbox"/> |
| ENGT 276   | Engineering Thermodynamics   | 3 <input type="checkbox"/> |
| MATH 230   | Differential Equations   | 4 <input type="checkbox"/> |
| HU         | Humanities Elective  | 3 <input type="checkbox"/> |
| SS         | Social Science Elective  | 3 <input type="checkbox"/> |

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CONGRATULATIONS  
**You've Arrived!**

This academic map is a suggested semester-by-semester guide to keep you on a clear path to program completion. Your academic advisor will provide you with clear direction needed to stay on course and discuss scheduling options with you. Taking courses not reflected on this map may result in courses not counting toward the completion of your requirements.

Please note that program-specific courses are only offered on the Canton Campus.

### About Developmental Courses

Developmental courses do not satisfy graduation requirements, but are required for those who place into them and will appear on a student's transcript. Placement into one of the following courses indicates that a student needs additional preparation before enrolling in college-level courses:

|              |  |
|--------------|--|
| ENGL 091     | Preparing for College Reading I            |
| ENGL 092     | Preparing for College Reading II           |
| ENGL 095     | Reading and Writing Seminar                |
| ENGL 098     | Reading and Writing Studio                 |
| ENGL 099     | Introductory Writing                       |
| MATH 001-003 | Preparing for College Math I-III           |
| MATH 010     | Fundamentals of Mathematics                |
| MATH 011     | Introductory Algebra                       |
| MATH 012     | Intermediate Algebra                       |
| MATH 060     | Math Literacy                              |
| MATH 061     | Non-algebra Support                        |
| MATH 065     | Integrated Preparation for College Algebra |

### KEY

Keep an eye out for these symbols, which give important information about certain courses.



These courses have no prerequisites or developmental courses required.



These courses are only offered in certain semesters.



Students must earn a minimum grade in these courses to remain in the program.



Eligible electives for this program are listed on the reverse. Watch for this symbol.

### HELPFUL HINTS



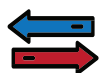
Summer and/or Winter Session classes may be available for your program to help you finish on time. See your advisor or visit the online course search for availability.



Taking 15 credits/semester or 30 credits/year will help you stay on track to finish your degree in two years.

## Program Notes

This curriculum is for students who want to transfer into a four-year institution to complete their bachelors of science in chemical engineering degree.



### Elective Advising for Transfer

**Lab Science Elective:** Students in this program are advised to take BIOL 140 Introduction to Biology.

Students transferring to UMass Lowell are advised to take ECON 201 Principles of Economics I as a social science elective.

**Other Electives:** Students choosing a humanities, lab science, liberal arts, modern language, or science elective can select from the Course Elective Guide at [massasoit.edu/electives](http://massasoit.edu/electives).

\*Transfer Note: The **transfer maps** are only recommended for getting into some programs at particular colleges with specific grades. If you are interested in transferring, we recommend you sign up for a Transfer Information Session on our Transfer Services website: [massasoit.edu/transfer](http://massasoit.edu/transfer).

Some courses may have prerequisites, which are courses that **must** be taken prior to a particular course. For details, log into Degree Works through your MyMassasoit portal.

**A minimum of 71 credits and 19 courses is required for completion. The same course may not be used to satisfy two different course requirements.**

## After Graduation/Completion

## Resources for Academic Success

All college phone numbers are  
508-588-9100 + extension.

### Student Central

Admissions, financial aid, registration & payments

[massasoit.edu/studentcentral](http://massasoit.edu/studentcentral)  
[studentcentral@massasoit.mass.edu](mailto:studentcentral@massasoit.mass.edu)

Brockton | Student Center, Upper Level  
Canton | First Floor, C121

Admissions: x1411 Financial Aid: x1479  
Registrar: x1949 Student Accounts: x1507

### Testing & Assessment

[massasoit.edu/testing](http://massasoit.edu/testing)

Brockton | Student Center, Lower Level | x1991

### Advising, Career & Transfer Center

[massasoit.edu/act-center](http://massasoit.edu/act-center)  
[act@massasoit.edu](mailto:act@massasoit.edu)

Brockton | Student Center, Lower Level | x1461  
Canton | First Floor, C126 | x2516

### Academic Resource Center

Tutoring & academic support services

[massasoit.edu/arc](http://massasoit.edu/arc)

Brockton | Student Center, Lower Level | x1801  
Canton | First Floor, C126 | x2516

### Access & Disability Resources

[massasoit.edu/adr](http://massasoit.edu/adr) | x1807

### Division Dean

Katie Ruggieri, Ph.D. | [sciencemath@massasoit.edu](mailto:sciencemath@massasoit.edu) | x1508

### Brockton

1 Massasoit Boulevard  
Brockton, MA 02302

### Canton

900 Randolph Street  
Canton, MA 02021

### Middleborough

49 Union Street  
Middleborough, MA 02346

**508-588-9100**  
**massasoit.edu**