### Engineering Transfer - Chemical

This academic map is a suggested semester-by-semester guide to keep you on a clear pathway 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.

<table>
<thead>
<tr>
<th>Semester</th>
<th>Credits</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>18</td>
<td>ENGT 140 Intro to Engineering 4&lt;br&gt;CHEM 151 General Chemistry I 4&lt;br&gt;ENGL 101 English Composition I 3&lt;br&gt;MATH 221 Calculus I 4&lt;br&gt;HU --- Humanities Elective 3</td>
</tr>
<tr>
<td>2</td>
<td>18</td>
<td>CHEM 152 General Chemistry II 4&lt;br&gt;ENGL 102 English Composition II 3&lt;br&gt;MATH 222 Calculus II 4&lt;br&gt;PHYS 161 General Physics I 4&lt;br&gt;SS --- Social Science Elective 3</td>
</tr>
<tr>
<td>3</td>
<td>17</td>
<td>CHEM 201 Organic Chemistry I 5&lt;br&gt;ENGT 272 Engineering Materials 4&lt;br&gt;MATH 223 Calculus III 4&lt;br&gt;LS --- Lab Science Elective 4</td>
</tr>
<tr>
<td>4</td>
<td>18</td>
<td>ENGL 276 Engineering Thermodynamics 3&lt;br&gt;CHEM 202 Organic Chemistry II 5&lt;br&gt;MATH 230 Differential Equations 4&lt;br&gt;HU --- Humanities Elective 3&lt;br&gt;SS --- Social Science Elective 3</td>
</tr>
</tbody>
</table>

### About Developmental Courses

Developmental courses do not satisfy graduation requirements, but they are required for those who place into them and will appear on the 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 099 Introductory Writing
- MATH 010 Fundamentals of Mathematics
- MATH 011 Introductory Algebra
- MATH 060 Math Literacy
- MATH 012 Intermediate Algebra

### Route to Success

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

### Ready to Go

Courses have no prerequisites or developmental courses.

### Semester-specific Course Offerings

Courses are not offered all semesters.

### Minimum Grade Requirement

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

### Electives

For details on eligible electives, please see reverse.

### Taking 15 credits/semester or 30 credits/year

will help you stay on track to finish your degree in two years.
After Graduation/Completion

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.

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. It is strongly suggested that students choosing these courses work with engineering faculty to ensure the elective they plan to take will be accepted when they transfer.

Resources for Future Planning

Transfer Services
massasoit.edu/transfer
x1461

Career Services
massasoit.edu/careerservices
x1406

Division Dean
Carine Sauvignon
divisiondean@massasoit.mass.edu
x2106

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