**Chemistry Transfer**

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.

### Academic Map

**Entering Fall 2019**

**Based on Full-time Enrollment**

You should complete General Chemistry II and Precalculus by the end of your second semester, and should meet with a chemistry advisor to review your progress and plans before registering for third semester classes.

#### Semester 1

<table>
<thead>
<tr>
<th>Credits</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>PSYC 101 General Psychology</td>
</tr>
<tr>
<td>4</td>
<td>CHEM 151 General Chemistry I</td>
</tr>
<tr>
<td>3</td>
<td>MATH 203+ College Algebra or higher or General Elective</td>
</tr>
<tr>
<td>3</td>
<td>ENGL 101 English Composition I</td>
</tr>
</tbody>
</table>

**Total Credits:** 16

**Ready to Go**

Courses have no prerequisites or developmental courses.

#### Semester 2

<table>
<thead>
<tr>
<th>Credits</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>CHEM 152 General Chemistry II</td>
</tr>
<tr>
<td>4</td>
<td>MATH 217+ Precalculus or higher or General Elective</td>
</tr>
<tr>
<td>3</td>
<td>ENGL 102 English Composition II</td>
</tr>
<tr>
<td>3</td>
<td>SS --- Social Science Elective</td>
</tr>
</tbody>
</table>

**Total Credits:** 14

#### Semester 3

<table>
<thead>
<tr>
<th>Credits</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>CHEM 201 Organic Chemistry I</td>
</tr>
<tr>
<td>4</td>
<td>MATH 221+ Calculus I or higher or General Elective</td>
</tr>
<tr>
<td>4</td>
<td>PHYS 161 General Physics</td>
</tr>
<tr>
<td>3</td>
<td>HU --- Humanities Elective or General Elective</td>
</tr>
</tbody>
</table>

**Total Credits:** 16

#### Semester 4

<table>
<thead>
<tr>
<th>Credits</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>MATH 222+ Calculus II or higher</td>
</tr>
<tr>
<td>4</td>
<td>PHYS 162 General Physics II</td>
</tr>
<tr>
<td>5</td>
<td>CHEM 202 Organic Chemistry II</td>
</tr>
<tr>
<td>3</td>
<td>HU --- Humanities Elective or General Elective</td>
</tr>
</tbody>
</table>

**Total Credits:** 16

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**Associate in Science Electives**

For details on eligible electives, please see reverse.

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**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.

**Milestones**

You should complete General Chemistry II and Precalculus by the end of your second semester, and should meet with a chemistry advisor to review your progress and plans before registering for third semester classes.

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**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 095** Reading and Writing Seminar
- **ENGL 099** Introductory Writing
- **MATH 001-003** Prep College Math I-III
- **MATH 010** Fundamentals of Mathematics
- **MATH 011** Introductory Algebra
- **MATH 012** Intermediate Algebra

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

You should not enroll in this program unless you are ready to take College Algebra (MATH 203). If you are not prepared for College Algebra, but are interested in pursuing a degree in chemistry, please contact the science and math division at extension 1508 or sciencemath@massasoit.mass.edu to make an appointment with a chemistry advisor to help you create a plan to get ready for College Algebra.

This program is designed to prepare you for transfer to a four-year institution to pursue a bachelor’s degree in the chemical sciences or related field. Because different institutions may require additional coursework, you are strongly encouraged to contact the science and math division (extension 1508 or sciencemath@massasoit.edu) to make an appointment with a chemistry advisor to discuss options.

You must complete Calculus II or higher in this program. You should make sure to plan out your math courses so that you are ready to take Calculus II in your fourth semester.

Students wishing to use the MassTransfer STEM block should select humanities electives and not general electives.

It is strongly recommended that you consider joining the STEM Scholars program, which is a cohort program that provides support, coaching and opportunities to explore career choices and develop skills for successfully transferring to a four-year institution. Contact extension 1508 or stemstarter@massasoit.edu.

History Electives: HIST 101 History of Western Civilization I, HIST 102 History of Western Civilization II, HIST 103 US History I, HIST 104 US History II, HIST 108 World History I, HIST 109 World History II, or HIST 131 The United States since 1945

Math Electives: MATH 158 Intro to Statistics or MATH 203 College Algebra or higher


Literature Elective: ENGL 201 English Literature I or higher, excluding ENGL 251

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.

This program is intended for students who wish to continue their education to pursue a bachelor’s degree at a four-year college or university. Students enrolled in this program may consider transfer options through MassTransfer with Massachusetts state colleges and universities or other transfer opportunities at private institutions.

For more information about transfer opportunities, program pathways, course equivalencies, and upcoming transfer events, please visit massasoit.edu/transfer.

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

A minimum of 62 credits and 17 courses is required for completion. The same course may not be used to satisfy two different course requirements.

Resources for Academic Success at Massasoit

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

Registrar’s Office
massasoit.edu/registrar
registrar@massasoit.mass.edu

Brockton
A240, Upper Level
x1949

Canton
Enrollment Center
x2677

Middleborough
Main Office
x4002

Testing & Assessment
massasoit.edu/testing
x1991

Financial Aid
massasoit.edu/finaid
fao@massasoit.mass.edu

Brockton
A131A, Lower Level
x1479

Canton
Enrollment Center
x2008

Advisement & Counseling Center
massasoit.edu/advisement-counseling
advisementcounseling@massasoit.edu

Brockton
Student Center, Lower Level
x1461

Canton
First Floor, C120
x2677

Middleborough
Main Office
x4002

Academic Resource Center
massasoit.edu/arc

Brockton
Student Center, Lower Level
x1801

Canton
First Floor, C120
x2516

Middleborough
Main Office
x4002

Division Dean
Dr. Doug Brown
sciencemath@massasoit.edu
x1508

Resources for Future Planning

Transfer Services
massasoit.edu/transfer
x1461

Career Services
massasoit.edu/careerservices
x1406

508-588-9100
massasoit.edu