**TRANSFER TICKET**

**CSCU Pathway Transfer Degree: Chemistry Studies, A.A.**
Manchester Community College
Catalog Year 2022-23

Previous catalog years
- 2016/2017
- 2017/2018
- 2018/2019
- 2019/2020
- 2020/2021
- 2021/2022

Please contact a campus advisor for this program
Professor CK Pai, Cpai@manchestercc.edu

These requirements are effective if you declared the **Transfer Ticket: CSCU Pathway Transfer Degree: Chemistry Studies. A.A.** major for the 2016/17 through 2022/23 academic years.

With this degree, you will be able to transfer to the following majors. Follow this link for important information about when and how to apply for transfer to a State University or Charter Oak State College.

- **At Central Connecticut State University**
  - Chemistry – General Program, B.S.
  - Chemistry – American Chemical Society Certified, B.S.
- **At Southern Connecticut State University**
  - Chemistry, B.S.
  - Chemistry – American Chemical Society Approved, B.S.
- **At Western Connecticut State University**
  - Chemistry – Non-American Chemical Society Approved, B.A.
  - Chemistry – American Chemical Society Approved, B.A.

Here is the recommended course of study for the **CSCU Pathway Transfer Degree: Chemistry Studies, A.A.** If you are studying part time, simply follow the order of the courses listed here. Note that not all courses will be available every semester. You will notice that in many instances you will be able to choose the specific course you will take from within a category. For a list of the courses from each category that you can choose from, go to Appendix (PDF).

**First Semester**

- ENG 101 Composition 3 credits
- MAT 254 Calculus I 4 credits
- CHE 121 General Chemistry I 4 credits
- Unrestricted Elective* 3-4 credits
  
  *If you have not taken physics in high school, you should use this elective to take PHY 110 Introductory Physics

**Second Semester**

- CHE 122 General Chemistry II 4 credits
- MAT 256 Calculus II 4 credits
- Choose one **Written Communication II** course 3 credits
- Choose one **Historical Knowledge and Understanding** course 3 credits
- Choose one **Aesthetic Dimensions** course 3 credits

**Third Semester**

- CHE 211 Organic Chemistry I 4 credits

Revised 03/17/2022
During your last semester at MCC, apply for graduation by the dates found here.

**Fourth Semester**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CHE 212 Organic Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>PHY 222 Calculus-based Physics II</td>
<td>4</td>
</tr>
<tr>
<td>Choose one Continued Learning and Information Literacy course</td>
<td>3</td>
</tr>
<tr>
<td>Choose one Oral Communication course</td>
<td>3</td>
</tr>
<tr>
<td>Unrestricted Elective*</td>
<td>0-3</td>
</tr>
</tbody>
</table>

If you have taken PHY 110 or MAT 186, you will not need this elective.

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**General Education Requirements**

**33 credits**

**Written Communication I**
ENG 101 Composition

**Written Communication II (select one)**

**Scientific Reasoning**
CHE 121 General Chemistry I

**Scientific Knowledge and Understanding**
CHE 122 General Chemistry II

**Quantitative Reasoning**
MAT 254 Calculus I

**Historical Knowledge and Understanding (select one)**

**Social Phenomena (select one)**

**Aesthetic Dimensions (select one)**

**Oral Communication (select one)**

**Continued Learning and Information Literacy (select one)**

**Major Program Requirements**

**20 credits**

CHE 211 Organic Chemistry I
CHE 212 Organic Chemistry II
PHY 221 Calculus-based Physics I
PHY 222 Calculus-based Physics II
MAT 256 Calculus II

**Unrestricted Electives**

**9 credits**

*You are free to choose any courses at or above 100-level to complete unrestricted electives, although you may need to use these credits to take courses that prepare you for required courses in the degree program. You should also consider using unrestricted electives to meet foreign language requirements at Central, Eastern and Western Connecticut State Universities or to begin work on completing a minor. Central Connecticut State University does not require that you complete a minor with this major. You can also complete other General Education...
requirements for CCSU, SCSU, WCSU, and COSC—but not ECSU. You are encouraged to meet with your advisor to determine which courses to select.

**CSCU Pathway Transfer Degree: Chemistry Studies, A.A. Credit Total: 62 credits**

In order to graduate and be guaranteed admission to a State University or to Charter Oak State College, you must earn an overall 2.0 grade point average.