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## TRANSFER TICKET

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### CSCU Pathway Transfer Degree: Chemistry Studies, A.A. Naugatuck Valley 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 Delwyn Cummings, [dcummings@nv.edu](mailto:dcummings@nv.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

#### 14-15 credits

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

#### 17 credits

CHE 122 General Chemistry II	4 credits
MAT 256 Calculus II	4 credits
Choose one <b>Written Communication II</b> course	3 credits
Choose one <b>Historical Knowledge and Understanding</b> course	3 credits
Choose one <b>Aesthetic Dimensions</b> course	3 credits

**Begin the [transfer application process](#) in your third semester or the semester before you plan to graduate. FAFSA becomes available October 1.**

**Third Semester****14 credits**

CHE 211 Organic Chemistry I	4 credits
PHY 221 Calculus-based Physics I	4 credits
Choose one <b>Social Phenomena</b> course	3 credits
Unrestricted Elective*	3 credits

During your last semester at NVCC, apply for graduation [by the dates found here](#).

**Fourth Semester****14-17 credits**

CHE 212 Organic Chemistry II	4 credits
PHY 222 Calculus-based Physics II	4 credits
Choose one <b>Continued Learning and Information Literacy</b> course	3 credits
Choose one <b>Oral Communication</b> course	3 credits
Unrestricted Elective*	0-3 credits
If you have taken PHY 110 or MAT 186, you will not need this elective.	

Here is another way to look at the degree, by requirements

**General Education Requirements****33 credits**

Unless a course is specifically designated, such as ENG 101 Composition for **Written Communication I**, you will have a choice about which course you take. For a list of the courses from each category that you can choose from, go to [Appendix \(PDF\)](#).

<b>Written Communication I</b> ENG 101 Composition	3 credits
<b>Written Communication II (select one)</b>	3 credits
<b>Scientific Reasoning</b> CHE 121 General Chemistry I	4 credits
<b>Scientific Knowledge and Understanding</b> CHE 122 General Chemistry II	4 credits
<b>Quantitative Reasoning</b> MAT 254 Calculus I	4 credits
<b>Historical Knowledge and Understanding (select one)</b>	3 credits
<b>Social Phenomena (select one)</b>	3 credits
<b>Aesthetic Dimensions (select one)</b>	3 credits
<b>Oral Communication (select one)</b>	3 credits
<b>Continued Learning and Information Literacy (select one)</b>	3 credits

**Major Program Requirements****20 credits**

CHE 211 Organic Chemistry I	4 credits
CHE 212 Organic Chemistry II	4 credits
PHY 221 Calculus-based Physics I	4 credits
PHY 222 Calculus-based Physics II	4 credits
MAT 256 Calculus II	4 credits

**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.**