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## TRANSFER TICKET

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### CSCU Pathway Transfer Degree: Computer Science Studies, A.A. Northwestern Connecticut Community College Catalog Year 2022-23

Previous catalog years:

[2017/18](#)

[2018/19](#)

[2019/20](#)

[2020/21](#)

[2021/22](#)

**Please contact a campus advisor for this program:**

Professor Lalit (John) Jagtiani, [LJagtiani@nwcc.edu](mailto:LJagtiani@nwcc.edu)

These requirements are effective if you declared the **Transfer Ticket: CSCU Pathway Transfer Degree: Computer Science Studies, A.A.** major for the 2017/18 through 2022/23 academic year.

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: Computer Science, B.S. – Alternative Program  
Computer Science, B.S. -- Honors  
At Eastern Connecticut State University: Computer Science, B.S.  
At Southern Connecticut State University: Computer Science, B.S. – General Program  
At Western Connecticut State University: Computer Science, B.S.

Here is the recommended course of study for the **CSCU Pathway Transfer Degree: Computer Science 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 credits**

ENG 101 Composition	3 credits
CSC 220 Java I <sup>1</sup>	3 credits
MAT 186 Pre-Calculus	4 credits
Choose one <b>Scientific Reasoning</b> course from	4 credits
BIO 121 General Biology I	
CHE 121 General Chemistry I	
PHY 221 Calculus-based Physics I	

#### Second Semester:

**14 credits**

CSC 222 Java II <sup>1</sup>	3 credits
MAT 254 Calculus I <sup>1</sup>	4 credits
Choose one <b>Written Communication II</b> course	3 credits
Choose one <b>Scientific Knowledge and Understanding</b> course; you must choose the second course in the sequence you began in the first semester; choose from	4 credits
BIO 122 General Biology II	
CHE 122 General Chemistry II	
PHY 222 Calculus-based Physics II	

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

**Third Semester: 16 credits**

CSC 231 Database Design I <sup>1</sup>	3 credits
MAT 256 Calculus II <sup>2</sup>	4 credits
Choose one <b>Social Phenomena I</b> course	3 credits
Choose one <b>Historical Knowledge and Understanding</b> course	3 credits
Choose one <b>Aesthetic Dimensions</b> course	3 credits

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

**Fourth Semester: 16 credits**

CSC 150 Web Design and Development I	3 credits
EET XXX Digital Systems <sup>2*</sup>	4 credits
MAT 210 Discrete Math <sup>1</sup>	3 credits
Choose one <b>Continued Learning and Information Literacy</b> course	3 credits
Choose one <b>Social Phenomena II</b> course	3 credits

<sup>1</sup>Requires C or above

<sup>2</sup>Requires C- or above

\*NCCC does not offer this course. In order to complete the Computer Science Studies CSCU Pathway Transfer Degree at NCCC, you will need to take this course online or at another campus. Your advisor will be able to help you determine which courses to take.

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 (select one):</b> BIO 121 General Biology I CHE 121 General Chemistry I PHY 221 Calculus-based Physics I	4 credits
<b>Scientific Knowledge and Understanding (select one in the same sequence as Scientific Reasoning):</b> BIO 122 General Biology II CHE 122 General Chemistry II PHY 222 Calculus-based Physics II	4 credits
<b>Quantitative Reasoning (select one):</b> MAT 186 Pre-Calculus	4 credits
<b>Historical Knowledge and Understanding (select one):</b>	3 credits
<b>Social Phenomena I (select one):</b>	3 credits

**Social Phenomena II (select one):** 3 credits

**Aesthetic Dimensions (select one):** 3 credits

**Continued Learning and Information Literacy (select one):** 3 credits

**Major Program Requirements:** **27 credits**

CSC 220 Java I <sup>1</sup>	3 credits	
CSC 222 Java II <sup>1</sup>		3 credits
CSC 231 Database Design I <sup>1</sup>		3 credits
CSC 150 Web Design and Development I		3 credits
EET XXX Digital Systems <sup>2*</sup>		4 credits
MAT 254 Calculus I <sup>1</sup>		4 credits
MAT 256 Calculus II <sup>2</sup>		4 credits
MAT 210 Discrete Math <sup>1</sup>		3 credits

<sup>1</sup>Requires C or above

<sup>2</sup>Requires C- or above

\*NCCC does not offer this course. In order to complete the Computer Science Studies CSCU Pathway Transfer Degree at NCCC, you will need to take this course online or at another campus. Your advisor will be able to help you determine which courses to take.

**Unrestricted Electives:\*** **0 credits**

\*You are free to choose any courses at or above 100-level to complete any available unrestricted electives. You should consider using unrestricted electives to meet foreign language requirements for programs at Central, Eastern and Western. You can also complete other General Education requirements. Finally, consider beginning work on minor requirements. The alternative program at Central requires an 18 credit minor; you may complete up to 9 credits of that minor at the community college. Your advisor will help you to determine which courses to select.

**CSCU Pathway Transfer Degree: Computer Science Studies, A.A. Total: 60 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.**

**These requirements are effective if you declared this major for the 2017/18 academic year.**