**TRANSFER TICKET**

CSCU Pathway Transfer Degree: Computer Science Studies, A.A.
Naugatuck Valley Community College
Catalog Year 2021-22

Previous catalog years:
- 2017/18
- 2018/19
- 2019/20
- 2020/21

Please contact a campus advisor for this program:
Professor Sandra Eddy, seddy@nv.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 2021/22 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:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101 Composition</td>
<td>3</td>
</tr>
<tr>
<td>CSC 113 Programming I²</td>
<td>3</td>
</tr>
<tr>
<td>MAT 186 Pre-Calculus</td>
<td>4</td>
</tr>
<tr>
<td>Choose one Scientific Reasoning course from</td>
<td></td>
</tr>
<tr>
<td>BIO 121 General Biology I</td>
<td>4</td>
</tr>
<tr>
<td>CHE 121 General Chemistry I</td>
<td></td>
</tr>
<tr>
<td>PHY 221 Calculus-based Physics I</td>
<td></td>
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</tbody>
</table>

**Second Semester:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSC 229 Programming II²</td>
<td>3</td>
</tr>
<tr>
<td>MAT 254 Calculus I²</td>
<td>4</td>
</tr>
<tr>
<td>Choose one Written Communication II course</td>
<td>3</td>
</tr>
<tr>
<td>Choose one Scientific Knowledge and Understanding course; you must choose the second course in the sequence you began in the first semester; choose from</td>
<td></td>
</tr>
<tr>
<td>BIO 122 General Biology II</td>
<td></td>
</tr>
<tr>
<td>CHE 122 General Chemistry II</td>
<td></td>
</tr>
<tr>
<td>PHY 222 Calculus-based Physics II</td>
<td></td>
</tr>
</tbody>
</table>

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

Revised 03/17/2021
Third Semester: 16 credits

- CSC 231 Database Design I: 3 credits
- MAT 256 Calculus II: 4 credits
- Choose one Social Phenomena course: 3 credits
- Choose one Historical Knowledge and Understanding course: 3 credits
- Choose one Aesthetic Dimensions course: 3 credits

During your last semester at NVCC, apply for graduation by the dates found here.

Fourth Semester: 16 credits

- CSC 227 Web Programming with Java: 3 credits
- EET 252 Digital Electronics: 4 credits
- MAT 210 Discrete Math: 3 credits
- Choose one Continued Learning and Information Literacy course: 3 credits
- Choose one Oral Communication course: 3 credits

1 Requires C or above
2 Requires C- or above

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).

- Written Communication I: ENG 101 Composition: 3 credits
- Written Communication II (select one): 3 credits
- Scientific Reasoning (select one): 4 credits
  - BIO 121 General Biology I
  - CHE 121 General Chemistry I
  - PHY 221 Calculus-based Physics I
- Scientific Knowledge and Understanding (select one in the same sequence as Scientific Reasoning): 4 credits
  - BIO 122 General Biology II
  - CHE 122 General Chemistry II
  - PHY 222 Calculus-based Physics II
- Quantitative Reasoning (select one): 4 credits
  - MAT 186 Pre-Calculus
- Historical Knowledge and Understanding (select one): 3 credits
- Social Phenomena (select one): 3 credits
- Aesthetic Dimensions (select one): 3 credits
- Continued Learning and Information Literacy (select one): 3 credits
- Oral Communication (select one): 3 credits

Revised 03/17/2021
Major Program Requirements: 27 credits

<table>
<thead>
<tr>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>CSC 113 Programming I¹</td>
<td>3 credits</td>
</tr>
<tr>
<td>CSC 229 Programming II¹</td>
<td>3 credits</td>
</tr>
<tr>
<td>CSC 231 Database Design I¹</td>
<td>3 credits</td>
</tr>
<tr>
<td>CSC 227 Web Programming with Java</td>
<td>3 credits</td>
</tr>
<tr>
<td>EET 252 Digital Electronics²</td>
<td>4 credits</td>
</tr>
<tr>
<td>MAT 254 Calculus I¹</td>
<td>4 credits</td>
</tr>
<tr>
<td>MAT 256 Calculus II¹</td>
<td>4 credits</td>
</tr>
<tr>
<td>MAT 210 Discrete Math¹</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

¹Requires C or above  
²Requires C- or above

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.