TRANSFER TICKET

CSCU Pathway Transfer Degree: Computer Science Studies, A.A.
Manchester Community College
Catalog Year 2020-21

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

Please contact a campus advisor for this program:
Professor Richard Gnall, RGnall@mcc.commnet.edu
Professor Ibtsam Mahfouz, IMahfouz@mcc.commnet.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, 2018/19, 2019/20, or 2020/21 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
- At Central Connecticut State University: 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:** 16 credits

- ENG 101 Composition 3 credits
- CSC 127 Java I 3 credits
- MAT 186 Pre-Calculus 4 credits
- Choose one **Aesthetic Dimensions** course 3 credits
- Choose one **Oral Communication** course 3 credits

**Second Semester:** 16 credits

- CSC 128 Java II 3 credits
- MAT 254 Calculus I 4 credits
- CSC 121 Introduction to Database Design 3 credits
- CSC 114 Client-Side Web Design 3 credits
- Choose one **Written Communication II** 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

- MAT 256 Calculus II 4 credits
- Choose one **Social Phenomena** course 3 credits
- Choose one **Continued Learning and Information** course 3 credits
Literacy course
Choose one Scientific Reasoning course from 4 credits
BIO 121 General Biology I
CHE 121 General Chemistry I
PHY 221 Calculus-based Physics I

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

Fourth Semester: 15 credits

EET 252 Digital Electronics\(^2\) 4 credits
MAT 287 Discrete Math\(^3\) 4 credits
Choose one Historical Knowledge and Understanding course 3 credits
Choose one Scientific Knowledge and Understanding 4 credits
course; you must choose the second course in the sequence you began in the third semester; choose from
BIO 122 General Biology II
CHE 122 General Chemistry II
PHY 222 Calculus-based Physics II

\(^1\)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: 3 credits
ENG 101 Composition

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
Major Program Requirements: 27 credits

- CSC 127 Java I\(^1\) 3 credits
- CSC 128 Java II\(^1\) 3 credits
- CSC 121 Introduction to Database Design\(^1\) 3 credits
- CSC 114 Client-Side Web Development 3 credits
- EET 252 Digital Electronics\(^2\) 4 credits
- MAT 254 Calculus I\(^1\) 4 credits
- MAT 256 Calculus II\(^2\) 4 credits
- MAT 287 Discrete Math\(^1\) 3 credits

\(^1\)Requires C or above
\(^2\)Requires 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:** 61 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.