MICRO-CREDENTIALS IN COMPUTER SCIENCE

The Computer Science Department offers micro-credentials that allow students to develop professional skill areas and document these skills. Students do not need to enroll in a micro-credential. The microcredential is awarded upon successful completion of the courses within the micro-credential and any micro-credential that serves as a building block for stacking micro-credentials.

Data-centric computing

Learn the fundamentals of computing (Google Sheets) and the presentation of data (HTML); use scripting (basic Javascript) as the glue that connects different computational tools.

Code	Title	Credits
COMP 10500	Introduction to Website Development	3
COMP 11000	Computers and Information Technologies	3
COMP 11200	Scripting in Spreadsheets	1
Total Credits		**7**

Python Programming

Learn how to program in Python, one of the most popular languages of the computing world. Use your newly acquired skills on projects based on real-world datasets.

Code	Title	Credits
COMP 17100	Principles of Computing Science I	4
COMP 17200	Principles of Computer Science II	4
Total Credits		**8**

The Python micro-credential is the building block for additional micro-credentials in Computer Science. Once you complete the micro-credential, you can add additional courses to earn the following micro-credential:

Web Development

Learn how to design, develop, and deploy web applications using a variety of markup (HTML), programming (Python, JavaScript), and database (SQL) languages. Add these courses to the Python micro-credential:

Code	Title	Credits
COMP 10500	Introduction to Website Development	3
COMP 20500	Advanced Web Programming	4
Total Credits		**7**