

Computing and Information Science

Computing and Information Science

WILMINGTON CAMPUS

Fall 2022

Employment demand for graduates with high level computing and information technology skills is projected to continue to increase over the next decade. The Computing and Information Science program provides students with the skills necessary to design computing and information technology solutions so that they are prepared to be successful upon transfer to a bachelor's degree program. Students who wish to continue their education may do so through connected degree programs with local universities, including the University of Delaware and Delaware State University.

PROGRAM SPECIFIC ADVISEMENT STATEMENT

Delaware Tech does not apply blanket age limits to courses for the purposes of transfer in, meeting selective admission programs' ranking/entrance procedures, or meeting program requirements for award completion. There is a five year age limit on major (CSC) or major support courses which can be applied to program completion and transfer in for the Computing and Information Systems program.

Courses - Semester 1

	Credits	Lecture	Lab
SSC 100 - First Year Seminar	1	1	0
CSC 114 - Computer Science I	4	3	2
ENG 101 - Composition I	3	3	0
MAT 183 - Reasoning with Functions I	5	5	

Courses - Semester 2

	Credits	Lecture	Lab
CSC 164 - Computer Science II	4	3	2
CIS 130 - Computer Organization	3	2	2
ENG 102 - Composition II	3	3	0
HIS 111 - U. S. History: Pre-Civil War	3	3	0

Courses - Semester 3

	Credits	Lecture	Lab
MAT 193 - Reasoning with Functions II	4	4	

Courses - Semester 4

	Credits	Lecture	Lab
(ECO 122 - Microeconomics	3	3	0
OR ENG 124 - Oral Communications)	3	3	0
MAT 281 - Calculus I	4	4	1
CSC 210 - Systems Programming	3	2	2
CSC 214 - Computer Science III	4	3	2

Courses - Semester 5

	Credits	Lecture	Lab
ENG 122 - Technical Writing-Comm	3	3	0
MAT 263 - Principles of Discrete Math	4	4	1
(PHY 205 - General Physics I	4	3	3
OR PHY 281 - Physics I with Calculus)	4	3	3
CIS 211 - Data Structures	4	3	2

Approved Electives

Select one social science elective from Group A to take in the first semester. Select two technical electives from Group B to take in the first and second semesters.

Group	Courses	Credits	Lecture	Lab
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A	ECO 111 - Macroeconomics	3	3	0
A	SOC 111 - Sociology	3	3	0
A	PSY 121 - General Psychology	3	3	0
A	COM 111 - Human Communications	3	3	0
A	POL 111 - Political Science	3	3	0
B	MAT 282 - Calculus II	4	4	1
B	HIS 112 - U. S. History: Post-Civil War	3	3	0
B	SPA 136 - Spanish Communication I	4	4	1

*To complete program requirements, you must pass the above courses and earn at least **69 credits**. The number of courses and credits required for graduation may be more depending on college readiness and the elective courses offered in your program major (if electives are a part of the program).*