

Appendix A

Associate in Science in Computer Science Degree
at County College of Morris
to
Bachelor of Science in Computer Science Degree
at William Paterson University College of Science and Health

Program	Credits	Courses at County College of Morris (28 core Computer Science required credits including 6 elective credits; additional 8 Lab Science restricted elective credits included in General Education Foundation)	Equivalence at William Paterson University
Associate in Science/Science and Mathematics-Computer Science Option to Computer Science BS	3	CMP 123 Systems Analysis and Design (required)	CS 2550 Foundations of Information Systems (elective)
	3	CMP 128 Computer Science I (required)	CS 2300 Computer Science I (required)
	3	CMP 129 Computer Science II (required)	CS 2400 Computer Science II (required)
	3	CMP 230 Computer Architecture (required)	CS 2800 Computer/Assembler Lang (required)
	3	CMP 233 Data Structures and Algorithms (required)	CS 3420 Data Structure (required)
	3	CMP 246 Operating Systems (required)	CS 3450 Operating Systems (required)
	4	CHM 125 and 126 General Chemistry I- Lecture and Lab -OR- BIO 121 General Biology I (required in General Ed Foundation)	CHEM 1600 General Chemistry I -OR- BIO 1630 General Biology I (prerequisite)
	4	CHM 127 and 128 General Chemistry II-Lecture and Lab -OR- BIO 122 General Biology II (required in General Ed Foundation)	CHEM 1620 General Chemistry II -OR- BIO 1640 General Biology II (required)
	4 to 3	MAT 225 Discrete Mathematics (required)	CS2600 Discrete Structures (required)
	4	MAT 123 Precalculus (required)	MATH 1160 Precalculus (prerequisite)
	4	MAT 131 Analytic Geometry and Calc I (required)	MATH 1600 Calculus I (prerequisite)
	4	MAT 132 Analytic Geometry and Calc II (required)	MATH 1610 Calculus II (required)

Notes:

1. William Paterson University recommends students take two semesters of one foreign language at the community college. Two semesters of American Sign Language can also fulfill the foreign language requirement.
2. William Paterson University will accept all associate degree credits under this program-to-program articulation agreement, including up to half of the William Paterson University major required credits, from New Jersey community college students who enroll at William Paterson University Fall 2015 and beyond.