

**EDINBORO UNIVERSITY OF PENNSYLVANIA
CURRICULUM REQUIREMENTS**

Bachelor of Science

Major: Computer Science

Concentration: Theoretical Track (0494)

Student: _____ ID: @ _____ Term: _____

I. GENERAL EDUCATION (43 SH)

	SH	Grade	Date
A. Skills (13 SH)			
ENGL101 College Writing Skills	3	_____	_____
ENGL102 Writ/Research	3	_____	_____
MATH107 Precalculus	4	_____	_____
CSCI 125 Intro. To Computer Science	3	_____	_____
B. Core (21 SH)			
1. Artistic Expression	(3 SH)	_____	_____
2. World Civilizations	(3 SH)	_____	_____
3. American Civilizations	(3 SH)	_____	_____
4. Human Behavior	(3 SH)	_____	_____
5. Cultural Diversity & Social Pluralism	(3 SH)	_____	_____
6. Ethics	(3 SH)	_____	_____
7. Natural Science	(3 SH)	_____	_____
C. Distribution* (9 SH)			
1. Humanities & Fine Arts	(3 SH)	_____	_____
2. Social & Behavioral Sciences	(3 SH)	_____	_____
3. Science & Math	(3 SH)	_____	_____
MATH 275 Linear Algebra I		_____	_____

II. SPECIALIZATION: COMPUTER SCIENCE (39 SH)**

	SH	Grade	Date
A. Required Computer Science Courses (15 SH)			
CSCI 130 Principles of Programming I	3	_____	_____
CSCI 230 Principles of Programming II	3	_____	_____
CSCI 312 Computer Organiz & Architec	3	_____	_____
CSCI 330 Object Orient Programming	3	_____	_____
CSCI 385 Data Struct/Algorithms	3	_____	_____
B. Computer Science Concentration (15 SH)			
CSCI 380 Operating Systems	3	_____	_____
CSCI 408 Software Engineering	3	_____	_____
CSCI 410 Programming Languages	3	_____	_____
CSCI 475 Data Comm/Networking	3	_____	_____
CSCI 480 Computer Science Seminar	3	_____	_____
C. Computer Science Electives (9 SH)			
3 credits can be CSCI 496			
All credits must be 300 level or higher			
_____	_____	_____	_____
_____	_____	_____	_____

III. REQUIRED MATHEMATICS COMPONENT (17 SH)**

	SH	Grade	Date
MATH 211 Analytic Geometry/Calculus I	4	_____	_____
MATH 212 Analytic Geometry/Calculus II	4	_____	_____
MATH 270 Discrete Math I	3	_____	_____
STAT 300 App Stats/Data Analysis	3	_____	_____
MATH 370 Discrete Math II	3	_____	_____

IV. REQUIRED SCIENCE* (4 SH)

	SH	Grade	Date
_____	_____	_____	_____
_____	_____	_____	_____

V. FREE ELECTIVES* (17SH)

	SH	Grade	Date
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

** At least 3 SH of advanced coursework must be taken toward Distribution, Required Science or Free Elective Requirements.*

*** A grade of C or better must be obtained in all CSCI, MATH, and STAT courses. Students must complete at least 30 credits of combined math and science credits.*

Note: At most 12 computer science semester hours may be transferred into this degree program.

TOTAL# (120 SH)

#Note: At least 42 semester hours must consist of advanced coursework

**THIS IS NOT AN OFFICIAL TRANSCRIPT
OF RECORD**