

EDINBORO UNIVERSITY OF PENNSYLVANIA
CURRICULUM REQUIREMENTS
 Bachelor of Science
 Major: Computer Science
 Concentration: Theoretical Track (0494)

Student: _____ ID: @ _____ Term: _____

I. GENERAL EDUCATION (46 SH)

	SH	Grade	Date
A. Skills(13 SH)			
ENGL101 College Writing Skills	3	_____	_____
ENGL102 Writ/Research	3	_____	_____
MATH107 Precalculus	4	_____	_____
CSCI 130 Principles of Programming I	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*(12 SH)			
1. Humanities & Fine Arts	(3 SH)	_____	_____
2. Social & Behavioral Sciences	(3 SH)	_____	_____
3. Science & Math*	(6 SH)	_____	_____
MATH 270 Discrete I	_____	_____	_____
MATH 370 Discrete II	_____	_____	_____

Six (6) semester hours with the same prefix in one area of Distribution and three (3) semester hours in each of the other two areas of distribution.

*Outside of Computer Science

THIS IS NOT AN OFFICIAL TRANSCRIPT OF RECORD

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

(Dist, Req Science Component, Free Electives must have 10 credits 300 level or higher).

II. SPECIALIZATION: COMPUTER SCIENCE (42 SH)**

	SH	Grade	Date
A. Required Computer Science Courses(30 SH)			
CSCI 125 Intro. To Computer Science	3	_____	_____
CSCI 230 Principles of Programming II	3	_____	_____
CSCI 312 Computer Architecture	3	_____	_____
CSCI 330 Object Orient Programming	3	_____	_____
CSCI 380 Operating Systems	3	_____	_____
CSCI 385 Data Struct/Algorithms	3	_____	_____
CSCI 408 Software Engineering	3	_____	_____
CSCI 410 Programming Languages	3	_____	_____
CSCI 475 Data Comm/Networking	3	_____	_____
CSCI 480 Computer Science Seminar	3	_____	_____
B. Computer Science Electives(12 SH)			
Twelve semester hours of CSCI courses at the 205 level or higher, which may include at most 3 SH of programming languages. At least 9 SH must be at the 300 level or higher. (CSCI496 may not be used to fulfill this requirement.)			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

III. REQUIRED MATHEMATICS COMPONENT (14 SH)**

	SH	Grade	Date
MATH 211 Analytic Geometry/Calculus I	4	_____	_____
MATH 212 Analytic Geometry/Calculus II	4	_____	_____
MATH 275 Linear Algebra I	3	_____	_____
MATH 300 App Stats/Data Analysis	3	_____	_____

IV. REQUIRED SCIENCE (7 SH)

Must complete at least one approved lab science course

	SH	Grade	Date
_____	_____	_____	_____
_____	_____	_____	_____

V. FREE ELECTIVES (11 SH)

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

**A grade of C or better must be obtained in all CSCI and MATH courses.

**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)