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

Student: _____ **ID: @**_____ **Term:** _____

I. GENERAL EDUCATION (49 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	**(3-6 SH)**		
2. Social & Behavioral Sciences	**(3-6 SH)**		
3. Science & Math*	**(3-6 SH)**		
MATH 270 Discrete I			
MATH 370 Discrete II			
D. Health & Physical Education . . . . . (3 SH)			
1. Health Lecture:	2		
And			
2. Phys. Ed. Activity:	1		
Or			
Health Lecture & Activity	**(3 SH)**		

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

(Revised: September 2008; Approved: March 2009)
(Effective: 200930)

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 Oriented Programming	3		
CSCI 380	Operating Systems	3		
CSCI 385	Data Structures/Analysis of 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)

See advisor for planning

	SH	Grade	Date
_____	___	_____	____
_____	___	_____	____
_____	___	_____	____

V. FREE ELECTIVES (8 SH)

	SH	Grade	Date
_____	___	_____	____
_____	___	_____	____
_____	___	_____	____

**A grade of C or better must be obtained in all CSCI and MATH courses.
NOTE: At most 12 computer science semester hours may be transferred into this degree program.

TOTAL# (120 SH)

#Note: A minimum of 40% (48 semester hours) of the entire program must be upper level courses (300 and above).