**EDINBORO UNIVERSITY OF PENNSYLVANIA**  
**CURRICULUM REQUIREMENTS**  
Bachelor of Science  
**Major: Computer Science**  
Concentration: Applied (0424)

### GENERAL EDUCATION (42 SH)

#### A. Skills (12 SH)
- ENGL101 College Writing Skills  
- ENGL102 Writ/Research  
- MATH105 College Algebra  
- CSCI125 Intro to Computer Sci  

**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**

### SPECIALIZATION: COMPUTER SCIENCE** (51 SH)

#### A. Computer Science Core (15 SH)
- CSCI130 Principles of Programming I.  
- CSCI230 Principles of Programming II  
- CSCI312 Computer Architecture  
- CSCI330 Object-Oriented Programming  
- CSCI385 Data Structures & Alg.  

**B. Computer Science Concentration (6 SH)**
- CSCI313 Data Base Management  
- CSCI408 Software Engineering  

**C. Computer Science Electives (30 SH)**

3-9 credits must be CSCI 496  
24 credit hours must be 300 level or higher.

### REQUIRED MATH ** (9 SH)

- MATH208 Essentials of Calculus  
- MATH270 Discrete Mathematics I  
- MATH300 App Stats/Data Analysis  

### FREE ELECTIVES (18 SH)

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

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

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(Revised: January 2014; Approved: April 2014)  
(Effective: Fall 2014)