

I. Core Curriculum Requirements: Science requirement will be met with science sequence from #4 below. **44**

II. Course requirements for the Bachelor of Science degree in computer science is as follows (with program subject to the approval of the advisory committee):

**Note:** A 2.0 average must be maintained in the major. (All courses on Program of Study.)

1. Computer Science: 1100 \_\_\_\_; 1440 (C) \_\_\_\_; 2440 (C) \_\_\_\_;  
2450 (C) \_\_\_\_; 2490 \_\_\_\_; 3460 (C) \_\_\_\_; 3481 (W, C) \_\_\_\_;  
3482 (C) \_\_\_\_; 3490 (C) \_\_\_\_; 4100 (W, S) \_\_\_\_; and 4667 (C) \_\_\_\_.
2. Mathematics: 1110 (ND) \_\_\_\_; 1120 (ND) \_\_\_\_; 2240 (C) \_\_\_\_ and STT 3850 (ND, C) \_\_\_\_.
3. Eleven hours of electives (approved by departmental Computer Science advisor) in computer science. These courses must be selected from Computer Science courses numbered above 2000 (excluding 3520) and may include MAT 4310 (ND, C). No more than three hours of CS 3470 may be included in the eleven hours.
4. Science Requirement: Complete a minimum of 12 sh:
  - A. One of the following science sequences:  
PHY 1150 (W, ND) -1151 (W, ND),  
CHEM 1101 (ND), 1110-1102 (ND), 1120.
  - B. Additional courses from the list below to complete minimum of twelve hours required, subject to the restriction that if you take PHY 1150-1151 to satisfy A., you may not take PHY 1103-1104 and that you must observe prerequisites.  
BIO 1110, 2000, 2001  
CHE 1101 (ND), 1110-1102 (ND), 1120, 2201, 2203, 2202, 2204 (W), 2210 (W), 3301 (C), 3302 (C)  
GLY 1101 (ND)-1102 (CD, ND)-1103(ND), 1510 (W, ND)-1511 (W, ND)  
AST 1001 (ND)-1002 (ND)  
PHY 1150 (W, ND)-1151 (W, ND), 1103 (W, ND)-1104 (W, ND), 2010-2020

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III. Minor (optional):

IV. Free electives to total a minimum of 122 s.h.  
(2 s.h. of free electives must be outside the major discipline.)

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**122****Major Designators**

2 Writing (W) \_\_\_\_  
1 Speaking (S) \_\_\_\_  
Communication Proficiency \_\_\_\_

**Other Designators**

4 Writing (W) \_\_\_\_  
(ENG 1000/1100 will count as 2 W)  
4 Multi Cultural (MC) \_\_\_\_  
(HIS 1101/1102 will count as 2 MC)  
1 Cross Disciplinary (CD) \_\_\_\_  
2 Numerical Data (ND) \_\_\_\_  
2 Computer (C) \_\_\_\_