

**General Education Courses**

**First-year Experience**

**Credits**

Required for freshmen & transfer students with fewer than 18 earned hours

\_\_\_\_ CSCI 12000 Windows on Comp. Science (1)

**Composition and Speech**

C or above in English Composition I & II

\_\_\_\_ English Composition I: ENG-W 131 or W140 (3)

\_\_\_\_ English Composition II: TCM 32000 (3)

\_\_\_\_ COMM-R 110 Speech (3)

**History**

\_\_\_\_ HIST-H 109 World 1800-Present (3)

or HIST-H 114 Western Civilization II

**Humanities**

\_\_\_\_ (3)

**Social Science**

\_\_\_\_ (3)

**Comparative World Cultures**

\_\_\_\_ (3)

**Physical and Biological Sciences**

Must take at least one lab course

\_\_\_\_ (3-5)

\_\_\_\_ (3-5)

\_\_\_\_ (3-5)

\_\_\_\_ (4-5)

**Mathematical Sciences**

\_\_\_\_ College Algebra I (15300) (3)

\_\_\_\_ College Algebra II (15400) (3)

\_\_\_\_ Elem. Statistical Methods I (30100) (3)

**Foreign Language**

Students must satisfy first-year proficiency in a foreign language, which may include American Sign Language.

Choose option A, B, C, or D:

A: 1st-year proficiency via test

Or

B: \_\_\_\_ 117 (3), \_\_\_\_ 118 (3), \_\_\_\_ 119 (4)

Or

C: \_\_\_\_ 131(5), \_\_\_\_ 132(5)

Or

D: 200 level or above foreign language course with C or above

**Computer Science Major Courses**

**56 credits**

Minimum Grade=C-, Minimum 2.0 Average

**Core Courses**

\_\_\_\_ CSCI 23000/23050 Computing I SP, SU1, FA (4)

\_\_\_\_ CSCI 24000/24050 Computing II [23000] (4)

SP, SU2, FA

\_\_\_\_ CSCI 34000/34050 Discrete Computational Structures

SP, FA (3)

\_\_\_\_ CSCI 36200 or 36250 Data Structures SP, FA (3)

\_\_\_\_ Capstone Experience (Senior Year): (3)

Students may take the capstone research project course (CSCI495)

or may complete an internship to satisfy the capstone requirement

**Applied Computer Science Core**

\_\_\_\_ CSCI N-211 Introduction to Databases

or CIT 21400 Introduction to Data Management (3)

\_\_\_\_ CSCI N-241 Fundamentals of Web Development

or CIT21200 Web Site Designs (3)

\_\_\_\_ CSCI N-361 Fund. Software Project Management

or INFO-I400 Project Management (3)

**Applied Computer Science Electives**

Applied Computer Science majors take 9 major elective courses.

No more than 2 courses can be chosen from the list of electives

outside of computer science (CSCI). Students must complete one

two-course sequence in applied CSCI using Applied CSCI Core and

Electives.

\_\_\_\_ (3)

\_\_\_\_ (3)

\_\_\_\_ (3)

\_\_\_\_ (3)

**Traditional Computer Science Courses (300-400 level)**

\_\_\_\_ (3)

\_\_\_\_ (3)

\_\_\_\_ (3)

\_\_\_\_ (3)

\_\_\_\_ (3)

**Human-Computer Interaction**

\_\_\_\_ INFO-I300 (3)

**CAND 99100** (0 CR) \_\_\_\_\_

Total \_\_\_\_\_