

Name _____ Date _____

ID No.000 _____ Admit Term: _____

Anticipated Grad Date: _____

Fall 2013 Applied Computer Science

B.A.

GENERAL EDUCATION CORE

For the list of approved General Education Core courses in Cultural Understanding, Life and Physical Sciences, Arts & Humanities, and Social Sciences, please see:

<http://uc.iupui.edu/UndergraduateEducation/GeneralEducationCurriculum/GeneralEducationCore.aspx>

Foundational Intellectual Skills

Core Communication

- _____ ENG-W 131 or W140 Elementary Comp I* (3)
- _____ COMM-R 110 Speech (3)

Analytical Reasoning

- _____ MATH15300 Algebra & Trigonometry I (3)
- _____ MATH15400 Algebra & Trigonometry II (3)

Cultural Understanding

- _____ _____ (3)

Intellectual Breadth and Adaptiveness

Life and Physical Sciences

- _____ _____ (3)
- _____ _____ (3)

Arts, Humanities & Social Sciences—must choose 1-2 from Arts and Humanities list and 1-2 from Social Science list

- _____ _____ (3)
- _____ _____ (3)
- _____ _____ (3)

BACCALAUREATE COMPETENCIES

- _____ CSCI12000 Windows on Comp. Science** (1)
- _____ STAT30100 Elementary Statistics (3)
- _____ Life and Physical Science elective (4)
- _____ Life and Physical Science elective (3)
- _____ TCM32000 Written Communication in Science & Industry* (3)
- _____ Foreign Language First Year Proficiency

Choose option A, B, or C:

- A. 1st-year proficiency via test
- B. _____131(4), _____132(4)
- C. 200 level or above foreign language course with C or above

*C or above is required in ENG-W131/140 and TCM32000
**CSCI12000 is required for freshmen and transfer students with fewer than 30 earned hours

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 _____