**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

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**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] SP, SU2, FA (4)  
___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-1400 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)  
___ ____________ (3)

**Traditional Computer Science Courses (300-400 level)**
___ ____________ (3)  
___ ____________ (3)  
___ ____________ (3)  
___ ____________ (3)  
___ ____________ (3)

**Human-Computer Interaction**
___INFO-1300 (3)

CAND 99100 (0 CR)_______ Total______