**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
___ MATH16500 Calculus I (4)
___ MATH16600 Calculus II (4)

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)
___ MATH17100 Multidimensional Math (3)
___ MATH35100 or 51100 Linear Algebra (3)
___ STAT35000, 41600 or 51100 Statistics (3)
___ PHYS15200 Mechanics (4)
___ Life and Physical Science elective (3)
___ TCM32000 Written Communication in Science & Industry* (3)

*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**
59 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 [23000/23050; C: 24000/24050] SP, FA (3)

All courses above 36200/36250 require 23000, 24000 and 34000 or equivalent and course noted by []. All courses are offered fall and spring unless noted (subject to change)

___ CSCI 36200 or 36250 Data Structures SP, FA (3)
___ CSCI 40200 Computer Architecture [34000/34050] SP, FA (3)
___ CSCI 40300 Operating Systems [40200] SP, FA (3)
___ CSCI 48400 Theory of Computation [36200/36250] SP, FA (3)
___ Capstone Experience (Senior Year):
CSCI 49500, Explorations in Applied Computing [36200] SP, FA

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**Computer Science and Supporting Course Electives**
Computer Science majors take 11 major elective courses. A minimum of 6 CSCI electives at the 400 level or higher is required. No more than 3 courses can be from the select list of N-series courses. No more than 2 courses can be chosen from the list of supporting electives outside of computer science.

___ CSCI4________________________ (3)
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CAND 99100 (0 CR)_______ Total______