Computer Science BS Degree Requirements Flow Chart: 2008-2009

Human-Centered Computing Track

Computer Science Foundation
(all courses required (20 hours))
- CSCI 1300-4 Computer Science 1: Programming
- CSCI 2270-4 Computer Science 2: Data Structures
- CSCI 2400-4 Computer Systems
- CSCI 3155-4 Principles of Programming Languages
- CSCI 3104-4 Algorithms

Human-Centered Computing Foundation
(all courses required (10-12 hours))
- CSCI 3002-3 Human-Centered Computing Foundations
- CSCI 3112-1-3 HCC Professional Development
- CSCI 3702-3 Cognitive Science
- CSCI 4839-3 User Centered Design

Human-Centered Computing Core
(select 3 (9 hours))
- CSCI 3308-3 Software Engineering Methods and Tools
- CSCI 4312-3 Health Informatics
- CSCI 4322-3 Things That Think
- CSCI 4448-3 Object-Oriented Analysis and Design
- CSCI 3202-3 Introduction to Artificial Intelligence
- CSCI 4202-3 Artificial Intelligence 2: Machine Learning
- CSCI 4332-3 Game Programming
- CSCI 4342-3 Groupware and Workflow Systems
- CSCI 4412-3 Design, Creativity and New Media
- CSCI 3287-3 Database and Information Systems

Human-Centered Computing Capstone
(select one option (8 hours))
- CSCI 4308-4 Software Engineering Project 1
- CSCI 4318-4 Software Engineering Project 2
- CSCI 4950-4 Senior Thesis

Humanities and Social Sciences
(24 hours)
- 6 hours upper division Writing

Natural Sciences
(17 hours)
- must include science sequence approved for the track

Computer Science Electives
(to bring total to 57 hours)

Free Electives
(to bring total to 128 hours)

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