Computer Science BS Degree Requirements Flow Chart: 2011-2012
Human-Centered Computing Track

Computer Science Foundation
- all courses required (21 hours)
  - CSCI 1000-1: Computer Science as a Field of Work and Study
  - CSCI 1300-4: Computer Science 1: Programming
  - CSCI 2270-4: Computer Science 2: Data Structures
  - CSCI 2400-4: Computer Systems
  - 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 3287-3: Database and Information Systems
  - CSCI 3308-3: Software Engineering Methods and Tools
  - CSCI 3422-3: Things That Think
  - CSCI 4312-3: Health Informatics
  - CSCI 4322-3: Design, Creativity and New Media
  - CSCI 4332-3: Game Programming
  - CSCI 4342-3: Groupware and Workflow Systems
  - CSCI 4448-3: Object-Oriented Analysis and Design
  - CSCI 4412-3: Design, Creativity and New Media
  - CSCI 4839-3: User Centered Design

Human-Centered Computing Core
- select 3 (9 hours)
  - CSCI 3308-4: Software Engineering Project 1
  - CSCI 4308-3: Health Informatics
  - CSCI 4312-3: Health Informatics
  - CSCI 4950-4: Senior Thesis

Human-Centered Computing Capstone
- select one option (8 hours)
  - 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 58 hours)

Free Electives
- (to bring total to 128 hours)

www.cs.colorado.edu
Lesley.McDowell@Colorado.EDU
June 5, 2011