### COMPUTER INFORMATION SYSTEMS CURRICULUM SHEET | FALL 2012

#### FRESHMAN (30)

**FALL**
- CSCE 145: Intro. Algorithmic Design I
- CSCE 190: Computing in Modern World
- ENGL 101: Critical Reading & Composition
- MATH 141: Calculus I
- ELECTIVE: AIU Aest. & Intr. Understanding

**SPRING**
- CSCE 146: Intro. Algorithmic Design II
- CSCE 215: UNIX/Linux Fundamentals
- ENGL 102: Rhetoric & Composition
- MATH 142: Calculus II
- Liberal Arts

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#### SOPHOMORE (31)

**FALL**
- CSCE 240: Intro. Software Engineering
- CSCE 210: Computer Hardware Foundations
- MATH 374: Discrete Structures
- ELECTIVE: GHS Historical Thinking

**SPRING**
- CSCE 2xx: CSCE Lower Division Elective
- SPCH 140: Public Communication
- ACCT 222: Intro. Accounting
- ELECTIVE: GSS Social Science

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#### JUNIOR (31)

**FALL**
- CSCE 205: Business Application Prog.
- CSCE 311: Operating Systems
- ENGL 462/3: Technical or Bus Writing
- MGSC 390: Business Info. Systems
- Laboratory Science

**SPRING**
- CSCE 350: Data Structures & Algorithms
- CSCE 520: Database System Design
- STAT 509: Statistics for Engineers
- MKTG 350: Principles of Marketing
- MGMT 371: Principles of Management

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#### SENIOR (31)

**FALL**
- CSCE 490: Capstone Software Engr Proj I
- CSCE 390: Prof. Issues in CSCE
- CSCE 416: Intro. to Computer Networks
- CSCE 522: Information Security Principles
- MGSC 490: Info. Sys. Analysis & Design
- Liberal Arts

**SPRING**
- CSCE 492: Capstone Software Engr Proj II
- CSCE xxx: CSCE Elective
- MGSC 590: Info. Systems Development
- FINA/ECON 301: Money and Banking
- Liberal Arts

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### Carolina Core (34 hours)

- **AIU: Aesthetic & Interpretive Understanding**
  any approved Carolina Core course for AIU
- **ARP: Analytical Reasoning & Prob. Solving**
  MATH 141, MATH 142
- **CMW: Communication - Writing**
  ENGL 101, ENGL 102
- **SCI: Scientific Literacy**
  two approved Carolina Core courses with labs
- **GFL: Global Citizenship - Foreign Language**
  Score of "2" or better on FLPT, any approved course(s) Carolina Core for GFL
- **GHS: Global Citizenship Historical Thinking**
  any approved Carolina Core course for GHS
- **GSS: Global Citizenship Social Science**
  any approved Carolina Core course for GSS
- **CMS: Communication - Spoken Component**
  any approved Carolina Core course for CMS
- **INF: Information Literacy**
  any approved Carolina Core course for INF
- **VSR: Values, Ethics, Social Responsibility**
  any approved Carolina Core course for VSR
Aesthetic and Interpretive Understanding (AIU)
approved course from Carolina Core list

Effective, Engaged, and Persuasive Communications (CMW)
Writing
USC ENGL 101, 102 or approved courses from Carolina Core list

Global Citizenship and Multicultural Understanding
  Historical Thinking (GHS)
  approved course from Carolina Core list
  Social Science (GSS)
  approved course from Carolina Core list
  Foreign Language (GFL)
  score of "2" or higher or approved course(s) from Carolina Core list

Analytical Reasoning and Problem Solving (ARP)
USC MATH 141, 142 or approved courses from Carolina Core list

Scientific Literacy (SCI)
two laboratory natural science courses from Carolina Core list

Overlay Courses
  Spoken Component (CMS)
  USC SPCH 140 or approved Carolina Core course
  Information Literacy (INF)
  USC ENGL 102 or approved Carolina Core course
  Values Ethics, Social Responsibility (VSR)
  USC CSCE 390 or approved Carolina Core course

CSCE Major Elective (3 hours)
CSCE course numbered 510 or higher

CSCE Lower Division Elective (3 hours)
Elective options currently include but are not limited to: CSCE 201, 204, 207, 242

Business Information System minor (24 hours)
ACCT 222, ECON 224, MGSG 390, 490, 590, MKTG 350, MGMT 371, FINA/ECON 301

Note: all CSCE courses must be completed with a C or better