

**COMPUTER INFORMATION SYSTEMS CURRICULUM SHEET | FALL 2012**

**FRESHMAN (30)**

<b>FALL</b>			<b>SPRING</b>		
CSCE 145	Intro. Algorithmic Design I	4	CSCE 146	Intro. Algorithmic Design II	4
CSCE 190	Computing in Modern World	1	CSCE 215	UNIX/Linux Fundamentals	1
ENGL 101	Critical Reading & Composition	3	ENGL 102	Rhetoric & Composition	3
MATH 141	Calculus I	4	MATH 142	Calculus II	4
ELECTIVE	AIU Aest. & Intr. Understanding	3	Liberal Arts	Liberal Arts	3
		<u>15</u>			<u>15</u>

**SOPHOMORE (31)**

<b>FALL</b>			<b>SPRING</b>		
CSCE 240	Intro. Software Engineering	3	CSCE 2xx	CSCE Lower Division Elective	3
CSCE 210	Computer Hardware Foundations	3	SPCH 140	Public Communication	3
MATH 374	Discrete Structures	3	Science	Laboratory Science	4
ECON 224	Intro. Economics	3	ACCT 222	Intro. Accounting	3
ELECTIVE	GHS Historical Thinking	3	ELECTIVE	GSS Social Science	3
		<u>15</u>			<u>16</u>

**JUNIOR (31)**

<b>FALL</b>			<b>SPRING</b>		
CSCE 205	Business Application Prog.	3	CSCE 350	Data Structures & Algorithms	3
CSCE 311	Operating Systems	3	CSCE 520	Database System Design	3
ENGL 462/3	Technical or Bus Writing	3	STAT 509	Statistics for Engineers	3
MGSC 390	Business Info. Systems	3	MKTG 350	Principles of Marketing	3
Science	Laboratory Science	4	MGMT 371	Principles of Management	3
		<u>16</u>			<u>15</u>

**SENIOR (31)**

<b>FALL</b>			<b>SPRING</b>		
CSCE 490	Capstone Software Engr Proj I	3	CSCE 492	Capstone Software Engr Proj II	3
CSCE 390	Prof. Issues in CSCE	1	CSCE xxx	CSCE Elective	3
CSCE 416	Intro. to Computer Networks	3	MGSC 590	Info. Systems Development	3
CSCE 522	Information Security Principles	3	FINA/ECON 301	Money and Banking	3
MGSC 490	Info. Sys. Analysis & Design	3	Liberal Arts	Liberal Arts	3
Liberal Arts	Liberal Arts	3			<u>15</u>
		<u>16</u>			

**Carolina Core (34 hours)**

<b>AIU: Aesthetic &amp; Interpretive Understanding</b> any approved Carolina Core course for AIU
<b>ARP: Analytical Reasoning &amp; Prob. Solving</b> MATH 141, MATH 142
<b>CMW: Communication - Writing</b> ENGL 101, ENGL 102
<b>SCI: Scientific Literacy</b> two approved Carolina Core courses with labs
<b>GFL: Global Citizenship - Foreign Language</b> Score of "2" or better on FLPT, any approved course(s) Carolina Core for GFL

<b>GHS: Global Citizenship Historical Thinking</b> any approved Carolina Core course for GHS
<b>GSS: Global Citizenship Social Science</b> any approved Carolina Core course for GSS
<b>Overlay Courses</b>
<b>CMS: Communication - Spoken Component</b> any approved Carolina Core course for CMS
<b>INF: Information Literacy</b> any approved Carolina Core course for INF
<b>VSR: Values, Ethics, Social Responsibility</b> 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, MSGS 390, 490, 590, MKTG 350, MGMT 371, FINA/ECON 301

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