

**COMPUTER SCIENCE CURRICULUM SHEET (starting with MATH 115) | FALL 2016**

**FRESHMAN (31)**

FALL			SPRING		
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	CMW: Critical Reading & Composition	3	ENGL 102	CMW: Rhetoric & Composition	3
MATH 115	Precalculus Mathematics	4	MATH 141	ARP: Calculus I	4
ELECTIVE	AIU: Aest. & Intr. Understanding	3	ELECTIVE	GHS: Historical Thinking	3
		15			15

**SOPHOMORE (32)**

FALL			SPRING		
CSCE 211	Digital Logic Design	3	CSCE 212	Intro to Comp. Architecture	3
CSCE 240	Intro. to Software Engineering	3	Application	Area Elective	3
MATH 142	ARP: Calculus II	4	MATH 374	Discrete Structures	3
SPCH 140	Public Communication [meets CMS]	3	ELECTIVE	GSS: Social Science	3
Science	SCI: Lab Sci (CHEM or PHYS)	4	Science	SCI: Lab Sci (CHEM or PHYS)	4
		17			16

**JUNIOR (31)**

FALL			SPRING		
CSCE 311	Operating Systems	3	CSCE 416	Intro. to Computer Networks	3
CSCE 330	Prog. Language Structures	3	STAT 509	Statistics for Engineers	3
CSCE 350	Data Structures & Algorithms	3	MATH 241	Vector Calculus	3
CSCE 390	Prof. Issues in CSCE [meets VSR]	1	ELECTIVE	Liberal Arts Elective	3
ENGL 462/3	Technical or Bus Writing	3	Science	Laboratory Science	4
Application	Area Elective	3			16
		16			

**SENIOR (28)**

FALL			SPRING		
CSCE 490	Capstone Software Engr Proj I	3	CSCE 492	Capstone Software Engr Proj II	3
CSCE 355	Fundamentals of Computation	3	CSCE xxx	CSCE Elective	3
CSCE xxx	CSCE Elective	3	CSCE xxx	CSCE Elective	3
MATH 344/L	Applied Linear Algebra w/Lab	4	ELECTIVE	Liberal Arts Elective	3
Application	Area Elective	3	ELECTIVE	Liberal Arts Elective	3
		16			15

**ADDITIONAL REQUIREMENTS (0-12)**

These additional University requirements may be satisfied through overlay courses, by placement testing, or by stand alone courses beyond the curriculum requirements above.

**INF Information Literacy**

USC's ENGL 102 or other approved Carolina Core INF overlay or stand alone course.

**GFL Global Citizenship and Multicultural Understanding: Foreign Language**

Score of two or better on foreign language test, or equivalent study of approved Carolina Core GFL course(s).

