

COMPUTER SCIENCE CURRICULUM SHEET | 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 141	ARP: Calculus I	4	MATH 142	ARP: Calculus II	4
ELECTIVE	AIU: Aest. & Intr. Understanding	3	Science	SCI: Lab Sci (CHEM or PHYS)	4
		15			16

SOPHOMORE (32)

FALL			SPRING		
CSCE 211	Digital Logic Design	3	CSCE 212	Intro to Comp. Architecture	3
CSCE 240	Intro. to Software Engineering	3	Science	Laboratory Science	4
MATH 374	Discrete Structures	3	MATH 241	Vector Calculus	3
SPCH 140	Public Communication [meets CMS]	3	ELECTIVE	GSS: Social Science	3
Science	SCI: Lab Sci (CHEM or PHYS)	4	ELECTIVE	GHS: Historical Thinking	3
		16			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	ELECTIVE	Liberal Arts Elective	3
CSCE 390	Prof. Issues in CSCE [meets VSR]	1	ELECTIVE	Liberal Arts Elective	3
ENGL 462/3	Technical or Bus Writing	3	Application	Area Elective	3
Application	Area Elective	3			15
		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			12
		16			

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).

