

COMPUTER INFORMATION SYSTEMS CURRICULUM SHEET | FALL 2016

FRESHMAN (30)

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 122	ARP: Calculus for Bus. Admin. & Soc. Sci.	3	Science	SCI: Laboratory Science	4
Science	SCI: Laboratory Science	4	ELECTIVE	AIU: Aest. & Intr. Understanding	3
		15			15

SOPHOMORE (30)

FALL			SPRING		
CSCE 240*	Intro. Software Engineering	3	CSCE 201	Intro to Computer Security	3
CSCE 210*	Computer Hardware Foundations	3	MATH 174	ARP: Discrete Math for CS	3
SPCH 140	Public Communication [meets CMS]	3	ACCT 222	Intro. Accounting	3
ECON 224	Intro. Economics	3	MGMT 371	Principles of Management	3
ELECTIVE	GHS: Historical Thinking	3	ELECTIVE	GSS: Social Science	3
		15			15

JUNIOR (31)

FALL			SPRING		
CSCE 205	Business Application Prog.	3	CSCE 350	Data Structures & Algorithms	3
CSCE 311	Operating Systems	3	CSCE 520	Database System Design	3
CSCE 390	Prof. Issues in CSCE [meets VSR]	1	STAT 516	Statistical Methods II	3
STAT 515	Statistical Methods I	3	ENGL 462/3	Technical Or Bus. Writing	3
MGSC 390	Business Info. Systems	3	ELECTIVE	BIM Minor Elective	3
ELECTIVE	BIM Minor Elective	3			15
		16			

SENIOR (30)

FALL			SPRING		
CSCE 490	Capstone Software Engr Proj I	3	CSCE 492	Capstone Software Engr Proj II	3
CSCE 416	Intro. to Computer Networks	3	CSCE xxx	CSCE Elective	3
CSCE 522	Information Security Principles	3	MGSC 590	Info. Systems Development	3
MGSC 490	Info. Sys. Analysis & Design	3	ELECTIVE	Liberal Arts Elective	3
ELECTIVE	Liberal Arts Elective	3	ELECTIVE	Liberal Arts Elective	3
		15			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

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).

CSCE Major Elective (3 hours)

CSCE 317 or other approved course numbered 500 and higher

Business Information Management (BIM) minor (24 hours)**Required courses (18 hours):**

ACCT 222: Introduction to Accounting
ECON 224: Introduction to Economics
MGMT 371: Principles of Management
MGSC 390: Business Information Systems
MGSC 490: Information Systems Analysis and Design
MGSC 590: E-Commerce Concepts and Research Topics

Electives (6 hours): Choose any two (2) of the following courses:

ACCT: 324: Survey of Commercial Law
ECON 311: Issues in Economics (pre-req: ECON 224)
ECON 379: Government Policy Toward Business (pre-req: ECON 224)
FINA 333: Finance and Markets
IBUS 301: Introduction to International Business (pre-req: MKTG 350)
MGMT 472: Entrepreneurship and Small Business (pre-req: MGMT 371)
MKTG 350: Introduction to Marketing
MKTG 351: Consumer Behavior (pre-req: MKTG 350)
MGSC 392: Quantitative Analysis for Business Decision Making (pre-req: MGSC 291)
MGSC 395: Operations Management (pre-req: MKTG 350)
MGSC 594: Strategic Management of Information Systems

Curriculum Notes

C or better is required in ENGL 101, 102, MATH 122, 174, and all CSCE courses.
CSCE 101 and 102 are not degree applicable.