

COMPUTER INFORMATION SYSTEMS CURRICULUM SHEET | FALL 2014

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	Critical Reading & Composition	3	ENGL 102	Rhetoric & Composition	3
MATH 122	Calculus for Bus. Admin. & Soc. Sci.	3	Science	Laboratory Science	4
Science	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	Discrete Mathematics for CS	3
SPCH 140	Public Communication	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	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

USC 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 course numbered 510 or 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: Systems Analysis and Design
- MGSC 590: Information Systems Development

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 395: Operations Management (pre-req: MKTG 350)

Curriculum Notes

C or better is required in ENGL 101, 102, MATH 122, 174, and all CSCE courses.
 SPCH 140 meets CMS: Spoken Component for Carolina Core
 CSCE 101 and 102 are not degree applicable.

Carolina Core (30-36 hours)

AIU: Aesthetic & Interpretive Understanding any approved Carolina Core course for AIU	GHS: Global Citizenship Historical Thinking any approved Carolina Core course for GHS
ARP: Analytical Reasoning & Prob. Solving MATH 122, CSCE 145	GSS: Global Citizenship Social Science any approved Carolina Core course for GSS
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 Carolina Core course(s) for GFL	