

COMPUTER INFORMATION SYSTEMS BACHELOR OF SCIENCE	
Curriculum as reflected in the Fall 2008 Catalog (123 hours)	

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 141	Calculus I	4	MATH 142	Calculus II	4
Liberal Arts	Liberal Arts -- Fine Arts (1)	<u>3</u>	Liberal Arts	Liberal Arts (1)	<u>3</u>
			15		

SOPHOMORE (31)

FALL			SPRING		
CSCE 240	Intro. Software Engineering	3	CSCE 2xx	CSCE Lower Division Elective (3
CSCE 210	Computer Hardware Foundation	3	SPCH 140	Public Communication	3
MATH 374	Discrete Structures	3	Science	Laboratory Science	4
ECON 224	Intro. Economics (3)	3	ACCT 222	Intro. Accounting (3)	3
Liberal Arts	Liberal Arts - History (1)	<u>3</u>	Liberal Arts	Liberal Arts - Social Science (1)	<u>3</u>
			16		

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
ENGL 462/3	Technical or Bus Writing	3	STAT 509	Statistics for Engineers	3
MGMT 371	Principles of Management (3)	3	MKTG 350	Principles of Marketing (3)	3
Science	Laboratory Science	<u>4</u>	MGSC 390	Business Info. Systems (3)	<u>3</u>
			15		

SENIOR (31)

FALL			SPRING		
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 (2)	3
CSCE 416	Intro. to Computer Networks	3	MGSC 590	Info. Systems Development (3)	3
CSCE 522	Information Security Principles	3	FINA/ECON 301	Money and Banking (3)	3
MGSC 490	Info. Sys. Analysis & Design	3	Liberal Arts	Liberal Arts (1)	<u>3</u>
Liberal Arts	Liberal Arts (1)	<u>3</u>			
			15		

1. The liberal arts courses must include at least one history course, one fine arts course, and one social science course. See reverse side for a list of approved liberal arts courses.

2. Any CSCE course numbered 510 or higher.

3. Business Information Mgt. minor: ACCT 222, ECON 224, MGSC 390, 490, 590, MKTG 350, MGMT 371, and FINA/ECON 301. MGSC 490 is only offered in fall semester; MGSC 590 in spring semesters.

4. CSE Lower Division Elective options currently include CSCE 204, 206, 207, and 242

Liberal Arts Requirements: (30 hours)

The following courses are required: (12 hours)

ENGL 101 and 102 (6 hours):must be completed with a "C" or better grade
ENGL 462 or 463 (3 hours)
SPCH 140 (3 hours)

History (3 hours): Courses listed below:

HIST 101-109, 111, 112 NAVY 303 (I
ARMY 406, 407 (Army Cadets Only, cross-listed to HIST 468 & 397)

Fine Arts (3 hours): Recorr

ARTE 101 ARTH 105, FILM 180, 240, 365, 366, 555, 597
ARTS 103 – 112, 235, 241, MART 110, 201, 341
DANC 101, 150, 250, 300, 377, 380, 381
THEA 170, 200, 230, 240, 252, 253, 280, 283, 288, 359, 372, 480, 481, 550, 561, 562, 565
MUSC 110, 114, 115, 140

Social Science (3 hours):Recommended courses:

ANTH 100 – 499 except ANTH 399, 498, 499
CRJU 100 – 499 except CRJU 301, 399, 494
ECON 100 – 499 except ECON 399, 421, 499
(ECON 221 and 222; or 224 are prerequisite to all upper level courses.)
GEOG 100 – 499 except GEOG 200, 201, 202, 341, 345, 349, 363, 399, 498, 499
LASP 201, 301, 311, 312, 315, 322, 325, 331, 351, 425, 451 only
LING 300, 340, 442, 540 541, 542, 543, 545, 567, 570, 600 only
POLI any course numbered 100 – 499 except POLI 379, 391, 399, 400, 498, 499
PSYC any course 100 – 499 except PSYC 226, 227, 228, 399, 489, 498
(PSYC 101 is a prerequisite to all courses numbered 400 and above.)
SOCY 101 (not 220) SOST 301, 3
WOST 112, 210, 300, 301, 304, 305, 307, 308, 310, 351, 352, 358, 454, 525, 554, 555

Foreign Language - Demonstrate the ability to comprehend the topic and main ideas in written

and, with the exception of Latin and Ancient Greek, spoken texts on familiar subjects. Proficiency is demonstrated by passing the FL test with a score of "2" or higher, or by taking 109/110 in GERM LATN, SPAN, or FREN, or by taking 121 in one of the other languages offered.

Select additional Liberal Arts courses to reach 30 total hours. Recommended courses:

AFRO	201, 202	CLAS 220, 230
CRJU	101	ENGL 270-286 (not ENGL 461-463)
FORL	Either a higher-level course in the language in which you passed the proficiency test (not below 201; not 315 or 575) or a course in a different language.	
HIST	Recommended courses listed above	
PHIL	102 (Not 110, 111, 511)	
RELG	110	
Fine Arts	Recommended courses listed above	
CPLT	Check prerequisites, all courses require ENGL 101 and 102	
LING	not recommended for freshmen, check pre-requisites	
LASP	not recommended for freshmen, check pre-requisites	
	Southern Studies SOST, not recommended for freshmen, check pre-requisites	
AERO	401, 402 (POC Cadets only)	
WOST	111, 112 only	

Other courses may also be acceptable. Honors students are encouraged to take

SCCC courses that are cross-listed with appropriate Liberal Arts courses. Other SCCC courses may also be acceptable and are evaluated on a case-by-case basis.

Revised September 2008