

COMPUTER INFORMATION SYSTEMS BACHELOR OF SCIENCE

Fall 2003 Curriculum (120 hours)

FRESHMAN (31)					
FALL			SPRING		
CSCE 145	Intro. Algorithmic Design I	4	CSCE 146	Intro. Algorithmic Design II	4
ENGL 101	English Composition	3	ENGL 102	Composition & Literature	3
MATH 141	Calculus I	4	MATH 142	Calculus II	4
Liberal Arts	Liberal Arts/Foreign Lang.(1)	3	Liberal Arts	Liberal Arts/Foreign Lang. (1)	3
Liberal Arts	History Elective (1)	3			
		17			14
SOPHOMORE (31)					
FALL			SPRING		
CSCE 240	Intro. Software Engineering	3	CSCE 245	Object-Oriented Prog. Tech.	3
CSCE 212	Intro. Comp. Architecture	3	SPCH 140	Public Communication	3
MATH 374	Discrete Mathematics	3	Science	Laboratory Science	4
ECON 224	Intro. Economics	3	ACCT 222	Intro. Accounting	3
Liberal Arts	Fine Arts Elective (1)	3	Liberal Arts	Social Science Elective (1)	3
		15			16
JUNIOR (31)					
FALL			SPRING		
CSCE 205	Business Application Progr.	3	CSCE 311	Operating Systems	3
CSCE 350	Data Structures & Algorithms	3	CSCE 330	Programming Lang. Structures	3
ENGL 462/3	Technical or Bus Writing	3	CSCE 390	Prof. Issues in Comp.Eng.	1
MGSC 390	Business Info. Systems	3	MGSC 490	Business System Design	3
Science	Laboratory Science	4	STAT 509	Statistics for Engineers	3
			Elective	Free Elective	2
		16			15
SENIOR (27)					
FALL			SPRING		
CSCE 520	Database System Design	3	CSCE 492	Capstone Software Engr. Proj.	3
MGSC 590	Business Info. Sys. Implement.	3	CSCE xxx	CSCE Elective (2)	3
MGSC xxx	MGSC elective (3)	3	MGSC xxx	MGSC elective (3)	3
Elective	Free Elective	3	Elective	Free Elective	3
Liberal Arts	Liberal Arts Elective	3			
		15			12

1. The liberal arts courses must include at least one history course, one fine arts course, and one social science course. In addition, demonstrated proficiency in one foreign language equivalent to the minimum pass grade on the exit examination in the 122 course is required. Up to six hours of foreign language may be counted towards the liberal arts requirement. The department maintains a list of approved humanities and social science electives.

2. Any CSCE course numbered 510 or higher.

3. Two courses chosen from the following: MGSC 494, 591, 594.

Liberal Arts Req	
The following co	
ENGL 101 and 1	
ENGL 462 or 46	
SPCH 140 (3 hc	
ECON 224 (3 h	
History (3 hours	
HIST 101-109, 1	
ARMY 406, 407	
NAVY 303 (Mids	
Fine Arts (3 hours): Recommended courses:	
Artistic skills courses will not count for fine arts.	
ARTE 101	ARTH 105, 106
THEA 200, 561,	MUSC 110, 140
Social Science (3 hours): Recommended courses:	
ANTH	101, 102
GEOG	103
GINT	101-201
PSYC	101, 103, (not 227, 570 - 599)
SOCY	101 (not 220)
WOST	112 (only)
ECON	300 level or above unless both ECON 221 and 222 are taken.
	If both ECON 221 & 222 are taken, they replace 224 and a social science.
Foreign Language Demonstration of proficiency in one foreign language equivalent to passing	
the 122 exit exam is required. Proficiency can be passed by a score of "4" on phase I of FL test and	
passing phase II, or taking through 122 in the same FL. Only 6 hours will be counted as Liberal	
arts credit.	
Select additional Liberal Arts courses to reach 33 total hours. Recommended courses:	
AFRO	201, 202
CLAS	220, 230
ENGL	270-286 (prerequisites ENGL 101/102, 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
WOST	111, 112 only
Fine Arts	Recommended courses listed above
Social	
Science	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)
Higher number 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 5/23/2003	