

<b>COMPUTER INFORMATION SYSTEMS BACHELOR OF SCIENCE</b> <b>Curriculum as reflected in the Fall 2007 Catalog (120 hours)</b>
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**FRESHMAN (32)**

<b>FALL</b>			<b>SPRING</b>		
CSCE 145	Intro. Algorithmic Design I	4	CSCE 146	Intro. Algorithmic Design II	4
CSCE 190	Computing in Modern World	1	ENGL 102	Composition & Literature	3
ENGL 101	English Composition	3	MATH 142	Calculus II	4
MATH 141	Calculus I	4	Liberal Arts	Liberal Arts/Foreign Lang. (1)	3
Liberal Arts	Liberal Arts/Foreign Lang.(1)	<u>3</u>	Liberal Arts	Fine Arts Elective (1)	<u>3</u>
		15			17

**SOPHOMORE (31)**

<b>FALL</b>			<b>SPRING</b>		
CSCE 245	Object-Oriented Prog. Tech.	3	CSCE 240	Intro. Software Engineering	3
CSCE 210	Computer Hardware Foundation	3	SPCH 140	Public Communication	3
MATH 374	Discrete Mathematics	3	Science	Laboratory Science	4
ECON 224	Intro. Economics (3)	3	ACCT 222	Intro. Accounting (3)	3
Liberal Arts	History Elective (1)	<u>3</u>	Liberal Arts	Social Science Elective (1)	<u>3</u>
		15			16

**JUNIOR (30)**

<b>FALL</b>			<b>SPRING</b>		
CSCE 205	Business Application Progr.	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	CSCE 390	Prof. Issues in Com. Science	1
MGMT 371	Management (3)	3	STAT 509	Statistics for Engineers	3
Science	Laboratory Science	<u>4</u>	MGSC 390	Business Info. Systems (3)	3
		16	Elective	Free Elective	<u>1</u>
					14

**SENIOR (27)**

<b>FALL</b>			<b>SPRING</b>		
CSCE 416	Networks	3	CSCE 492	Capstone Software Engr. Proj.	3
CSCE 522	Information Security Principles	3	CSCE xxx	CSCE Elective (2)	3
MGSC 490	Business System Design (3)	3	MGSC 590	Business Info. Sys. (3)	3
MKTG 350	Marketing (3)	3	FINA 301	Money and Banking (3)	<u>3</u>
Liberal Arts	Liberal Arts Elective	<u>3</u>			12
		15			

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 passing 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, fine arts, and social science electives.

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 301. MGSC 490 is only offered in fall semester; MGSC 590 in spring semesters.

**Liberal Arts Requirements: (30 hours)**

**The following courses are required: (15 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)

ECON 224 (3 hours)

**History ( 3 hours): Recommended courses:**

HIST 101-109, 111, 112

ARMY 406, 407 (Army Cadets Only. Cross-listed to HIST 468 & 597)

NAVY 303 (Midshipmen Only)

**Fine Arts ( 3 hours): Recommended courses:**

Artistic skills courses will not count for fine arts.

ARTE 101 ARTH 105 DANC 101

THEA 200 MUSC 11(FILM 240

**Social Science (3 hours): Recommended courses:**

ANTH 101, 102

CRJU 101

GEOG 103, 121

POLI 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 achieved 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 30 total hours. Recommended courses:**

AFRO 201, 202

CLAS 220, 230

CRJU 101

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 May 2007