

COMPUTER INFORMATION SYSTEMS BACHELOR OF SCIENCE Curriculum as reflected in the Fall 2010 Catalog (123 hours)
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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			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>
		15			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
MGSC 390	Business Info. Systems (3)	3	MKTG 350	Principles of Marketing (3)	3
Science	Laboratory Science	<u>4</u>	MGMT 371	Principles of Management (3)	<u>3</u>
		16			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
		16			

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 (Midshipmen Only)

ARMY 406, 407 (Army Cadets Only, cross-listed to HIST 468 & 397)

Fine Arts (3 hours): Recommended courses:

ARTE 101

ARTH 105, 106, 313 - 366 FILM 180, 240, 365, 366, 555, 597

ARTS 103 – 112, 235, 241, 255, 258, 260, 261 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, 305

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)

WGST 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.

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