

CENTRAL CONNECTICUT STATE UNIVERSITY
DEPARTMENT OF COMPUTER SCIENCE

Sample Program

B.S. in Computer Science (Alternative)

Fall, 2013

Accredited by:

New England Association of Schools and Colleges

FIRST YEAR

FALL		SPRING	
CS 151 – CS I	3	CS 152 – CS II	3
Math 152 Calculus I	4	Math 218 Discrete Math	4
Eng 110 (FYE Section)	3	GE Elective	3
GE Elective	3	GE Elective	3
PE 144	<u>2</u>	GE Elective	<u>3</u>
	15		16

SECOND YEAR

CS 153 – CS III	3	CS 253 Data/File Structures	3
CS 254 Assembly Language	3	GE Elective	3
GE Elective	3	GE Elective	3
GE Elective	3	Minor	<u>3</u>
Minor	<u>3</u>		
	15		12

THIRD YEAR

CS Elective	3	CS Elective	3
CS Elective	3	GE Elective	3
GE Elective	3	GE Elective	3
GE Elective	3	Minor	3
Minor	<u>3</u>	Minor	<u>3</u>
	15		15

FOURTH YEAR

CS Elective	3	CS Elective	3
GE Elective	3	Minor	3
Minor	3	Free Elective	3
Free Elective	<u>3</u>	Free Elective	<u>3</u>
	12		12

Proficiency in foreign language must be demonstrated before graduation. See catalog for details.

GENERAL EDUCATION (38-45 SEMESTER HOURS)

Arts & Humanities Study Area I *	[]	<u>Literature</u>	(3)	[]	_____	(3)	[]	_____	(3)
Social Sciences Study Area II *	[]	<u>History</u>	(3)	[]	_____	(3)	[]	_____	(3)
Behavioral Sciences Study Area III	[]	_____	(3)	[]	_____	(3)			
Natural Sciences Study Area IV	[]	_____	(3)	[]	_____	(3-4)		<u>A Laboratory is required</u>	

* No more than 6 credit hours in any 1 discipline.

Communication Skill area I ♦	[]	<u>ENG 110</u>	(3)	[]	_____	(3)
Mathematics Skill Area II	[x]	<u>See Below</u>		[x]	<u>See Below</u>	
Foreign Language Skill Area III	[]	_____	(0-6)		<u>See Details in Catalog</u>	
University Requirement Skill Area IV	[]	<u>PE 144</u>	(2)			

♦ Students who have not completed ENG 110 prior to earning 61 credit hours must take both ENG 202 and ENG 110.

INTERNATIONAL COURSES (1): Two of the above courses must be designated International (I).

[] _____ [] _____

FIRST YEAR EXPERIENCE: For students entering with fewer than 15 credit hours, one of the above courses must be a FYE section

[] _____

CS MAJOR (38 SEMESTER HOURS)

COMPUTER SCIENCE - CORE (15 SEMESTER HOURS):

[] CS 151 (3) [] CS 152 (3) [] CS 153 (3) [] CS 253 (3) [] CS 254 (3)

COMPUTER SCIENCE - ELECTIVES (15 Semester Hours): Courses numbered below 210 cannot be counted here. Any combination of courses totaling 15 semester hours:

[] CS 210	[] CS 410	[] CS 462	[] CS 473	[] CS 490
[] CS 354	[] CS 415	[] CS 463	[] CS 481	[] CS 492
[] CS 355	[] CS 423	[] CS 464	[] CS 483	[] CS 495
[] CS 385	[] CS 460	[] CS 465	[] CS 485	

[] CS 290 (1-3 cr)	[] CS 301 (1-3 cr)	[] CS 407	[] CS 499
[] CS 300	[] CS 398 (1-3 cr)	[] CS 498 (1-3 cr)	

MATH (8 SEMESTER HOURS—SATISFIES SKILL AREA II)

[] Math 152 (4) [] Math 218 (4)

MINOR (18-24 SEMESTER HOURS)

[] _____ [] _____ [] _____ [] _____
 [] _____ [] _____ [] _____ [] _____

FREE ELECTIVES (0-15 SEMESTER HOURS, to make 122 credits total)

[] _____ [] _____ [] _____ [] _____