

**CENTRAL CONNECTICUT STATE UNIVERSITY
DEPARTMENT OF COMPUTER SCIENCE**

**Sample Program
B.S. in Computer Science (Alternative)
Fall, 2014**

**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): Only courses numbered 225 and above can be counted in this area. Any combination of courses totaling 15 semester hours:

[] CS 225 (3) [] CS 410 (3) [] CS 460 (3) [] CS 465 (3) [] CS 490 (3)
[] CS 354 (3) [] CS 415 (3) [] CS 462 (3) [] CS 473 (3) [] CS 492 (3)
[] CS 355 (3) [] CS 416 (3) [] CS 463 (3) [] CS 481 (3) [] CS 495 (3)
[] CS 385 (3) [] CS 423 (3) [] CS 464 (3) [] CS 483 (3) [] CS 498 (3)

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

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