

CENTRAL CONNECTICUT STATE UNIVERSITY  
DEPARTMENT OF COMPUTER SCIENCE

Sample Program  
B.S. in Computer Science (Alternative)

Accredited by:  
New England Association of Schools and Colleges

*Fall 2007*

**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 ENG 202 instead of 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 354	[ ] CS 423	[ ] CS 464	[ ] CS 483	[ ] CS 495
[ ] CS 355	[ ] CS 460	[ ] CS 465	[ ] CS 485	
[ ] CS 385	[ ] CS 462	[ ] CS 473	[ ] CS 490	
[ ] CS 410	[ ] CS 463	[ ] CS 481	[ ] CS 492	
[ ] 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)**

[ ] \_\_\_\_\_ [ ] \_\_\_\_\_ [ ] \_\_\_\_\_ [ ] \_\_\_\_\_