

**CENTRAL CONNECTICUT STATE UNIVERSITY**  
**DEPARTMENT OF COMPUTER SCIENCE**  
This program applies to students with less than 15 credits  
**Sample Program – Suggested Guideline**  
**B.S. in Computer Science (Alternative)**  
**Accredited by:**  
**New England Assoc. of Schools and Colleges**  
**FALL 2004**

<u>FIRST YEAR</u>	<u>FALL</u>		<u>SPRING</u>	
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 244	<u>2</u>		GE Elective	<u>3</u>
	15			16
 <b><u>SECOND YEAR</u></b>				
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		Concentration	<u>3</u>
Concentration	<u>3</u>			12
	15			
 <b><u>THIRD YEAR</u></b>				
CS Elective *	3		CS Elective *	3
CS Elective *	3		CS Elective	3
GE Elective	3		GE Elective	3
GE Elective	3		Concentration	3
Concentration	<u>4</u>		Concentration	<u>3</u>
	16			15
 <b><u>FOURTH YEAR</u></b>				
CS Elective	3		Concentration	3
GE Elective	3		Free Elective	3
Concentration	3		Free Elective	3
Free Elective	<u>3</u>		Free Elective	3
	12			12

\* No other CS Courses numbered below 210 can be counted for this major.

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

Rev'd 10-18-04

**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</u>	<u>Laboratory</u>	<u>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</u>	<u>Details in Catalog</u>	
University Requirement Skill Area IV	[ ]	<u>PE 244</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): (all are 3 credit courses)

[ ]	CS 151	[ ]	CS 152	[ ]	CS 153
[ ]	CS 253	[ ]	CS 254		

COMPUTER SCIENCE ELECTIVES (15 SEMESTER HOURS: COURSES NUMBERED BELOW 210 **CANNOT BE COUNTED HERE.**) ANY FIVE COURSES TAKEN FROM THOSE LISTED BELOW: (all are 3 credit courses)

- |        |        |     |        |     |        |     |        |
|--------|--------|-----|--------|-----|--------|-----|--------|
| 1) [ ] | CS 354 | [ ] | CS 420 | [ ] | CS 463 | [ ] | CS 481 |
| 2) [ ] | CS 355 | [ ] | CS 423 | [ ] | CS 464 | [ ] | CS 483 |
| 3) [ ] | CS 385 | [ ] | CS 460 | [ ] | CS 465 | [ ] | CS 486 |
| 4) [ ] | CS 410 | [ ] | CS 462 | [ ] | CS 473 | [ ] | CS 490 |
| 5) [ ] |        | [ ] |        | [ ] |        | [ ] | CS 492 |

(OTHER ELECTIVES NOT NECESSARILY RELATED.)

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

MATH (8 SEMESTER HOURS—SATISFIES STUDY AREA II)

[ ]	Math 152	(4)	[ ]	Math 218	(4)
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**CONCENTRATION (18-24 SEMESTER HOURS):**

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

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

[ ]	_____	[ ]	_____	[ ]	_____	[ ]	_____
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(Math 119 is prerequisite for CS 151 or math placement test)