

Central Connecticut State University

BS Computer Science

Honors Program

Effective Fall 2017

Name: _____ ID#: _____

General Education

Study Area I

<u>Arts & Humanities (9 credits)</u>	credits	grade
ENG Literature	3	

Study Area II - Social Sciences (9 credits)

HIST	3	

Study Area III - Behavioral Sciences (6 credits)

Study Area IV - Natural Sciences(6-7 credits)

Skill Area I - Communication Skills (6 credits)

ENG 105 or 110 - College Writing		

Skill Area II - Mathematical (6 credits)

MATH 152 Calculus I	4	
MATH 217 Discrete Math	4	

Skill Area III - Foreign Language (one)

<input type="checkbox"/>	3 years of one foreign language / HS level
<input type="checkbox"/>	passed the foreign language placement exam
<input type="checkbox"/>	completed 112 or 118 foreign lang courses
<input type="checkbox"/>	native prof. in language other than English

Skill Area IV - Univ. Requirements

PE 144 - Fitness / Wellness	2	

Major Requirements

Core Requirements - (24 credits)

	credits	grade
CS 151 Computer Science I	3	
CS 152 Computer Science II	3	
CS 153 Computer Science III	3	
CS 253 Data and File Structures	3	
CS 254 Assembly Lang Prog	3	
CS 354 Digital Systems Design	3	
CS 355 Systems Programming	3	
CS 385 Computer Architecture	3	

Advanced Electives (9 credits) - Choice of 3

	3	
	3	
	3	

Any combination of the following courses totaling 9 semester hours-CS 407, 415, 416, 417, 423, 425, 460, 462, 463, 464, 465, 473, 481, 483, 490, 491, 492, 493, 495

Auxiliary Electives (3 credits) - Choice of 1

3 semester hours - CS 290, CS 291, 300, 301, 398, 499		

Capstone Requirement (6 credits)

CS 410	3	
CS 498	3	

Math/Statistics (16 credits) - Satisfies Skill Area II

MATH 152 Calculus I	4	
MATH 217 Discrete Math for CS Majors	4	
MATH 221 Calculus II	4	
MATH 226 Linear Algebra & Prob	4	

Science/Quantitative

<u>(15 credits) - Satisfies Study Area IV</u>	credits	grade

One of the following sequences -BIO 121 & 122 **or** CHEM 161, 162, 200, 201 **or** PHYS 125 & 126 **or** GSCI 121, 125, 141,145.

PLUS, An additional 7 credits in Science, Math (119 or above), or STAT (not counting those in Math/Stats category)

Philosophy (3 credits)

PHIL 245 or PHIL 242	3	
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Free Electives (to complete the required 120 credits)

Other Graduation Requirements

International Requirement		
International Requirement		
FYE*-students entering with less than 15 cr		

*First Year Experience

A minimum of 30 credits 'in residence', with at least 15 credits in the major and 9 credits in the minor, is required for a bachelor's degree