

STUDENT NAME		SID #	
PROGRAM CHAIR		DATE	

PROGRAM REQUIREMENTS			Requested Substitution/Transfer Credits (if applicable)			Completed		
Course	Course Title	CR	College/University	Course	CR	Grade	Quarter	Year
GENERAL EDUCATION REQUIREMENTS								
ENGL& 101	English Composition	5						
ENGL 201	The Research Paper or ENGL& 235 Technical Writing	5						
MATH& 151	Calculus I	5						
MATH& 152	Calculus II	5						
MATH& 153	Calculus III	5						
MATH 208	Linear Algebra	5						
MATH 270	Probability and Statistics	5						
MATH 301	Discrete Math	5						
PHYS 121	General Engineering Physics I	6						
PHYS 122	General Engineering Physics II	6						
	<i>Humanities course from AAS-DTA list - choose 3 different areas</i>	15						
	<i>Social Science courses from AAS-DTA list - choose 3 different areas</i>	15						
	<i>Natural Science course with lab: Chemistry or Biology</i>	6						
	Cultural Diversity Requirement Please see www.bellevuecollege.edu/programs/degrees/culturaldiversity for the list of approved courses							
CORE PROGRAM REQUIREMENTS								
CS 19X	Special Topics in Computer Science	2						
CS 210	Fundamentals of Computer Science I	5						
CS 211	Fundamentals of Computer Science II	5						
CS 300	Data Structures	5						
CS 320	Programming Languages	5						
CS 331	Database Systems	5						
CS 351	Computer Architecture I	5						
CS 360	Operating Systems	5						
CS 401	Algorithms	5						
CS 410	Software Engineering	5						
CS 481/2/3	Capstone Courses	10						
UPPER DIVISION ELECTIVES								
	<i>Choose 15 credits from the following:</i>	15						
CS 341	Computer Networks (5 Cr)							
CS 352	Computer Architecture II (5 Cr)							
CS 356	Computer Security (5 Cr)							
CS 405	Numerical Methods (5 Cr)							
CS 411	Software Engineering Project Management (5 Cr)							
CS 420	Theory of Computation (5 Cr)							
CS 455	Cloud Computing (5 Cr)							
CS 460	Machine Learning (5 Cr)							
CS 485	Computer Science Co-op/Practicum (1-5 Cr)							
FREE CHOICE ELECTIVES		20						
Students have an opportunity to take additional computer science courses, or additional general education courses of their own interest.								
GRAND TOTAL		180						

