Title	C-ID Designation	C-ID Units	Double	CSUEB Course	Units
Programming Concepts & Methodology I (CS1)	COMP 122	3			
Programming Concepts & Methodology II (CS2)	COMP 132	3			
Computer Architecture & Organization	COMP 142	3			
Discrete Structures	COMP 152	3			
Choose 1					
Single Variable Calculus I and II – Early Transcendentals (min. 8 units)		8			
or					
Single Variable Calculus I and II – Late Transcendentals (min. 8 units)		8			
or	MATH 210 and 220	8			
Single Variable Calculus Sequence (min. 8 units)					
or					
MATH 211 and 221		8			
or					
MATH 900S					
Choose 1					
PHYS 205	4				
	4				
(min. 4 units)					
or					
Cell and Molecular Biology		4			
(min. 4 units)					
or					
Organismal Biology		4			
Choose 1					
PHYS 210		4			

General Chemistry for Science Majors I, with Lab (min. 5 units)					
or					
BIOL 190					
or					
BIOL 140					
or					
CHEM 110					
TOTAL MAJOR UNITS		28			
CSU GE					

FIRST SEMESTER JUNIOR YEAR (FALL)			
UDGE UD-B	COURSE:	OVERLAY:	3
UD Major	STAT 330	Statistical Inference	3
*UD Major OR UD Elective	STAT 320	Introduction to Probability Theory I	3
Area of Emphasis			3
UWR			3
		TOTAL:	15
SECOND SEMESTER JUNIOR YEAR (SPRING)			
UDGE UD-D	COURSE:	OVERLAY:	3
UD Major	STAT 331	Introduction to Analysis of Variance	3
UD Major	STAT 432	Introduction to Linear Regression and Logistic Regression	3
*UD Major OR UD Elective	STAT 321	Probability Through Simulation	3
UD Elective			3
		TOTAL:	