

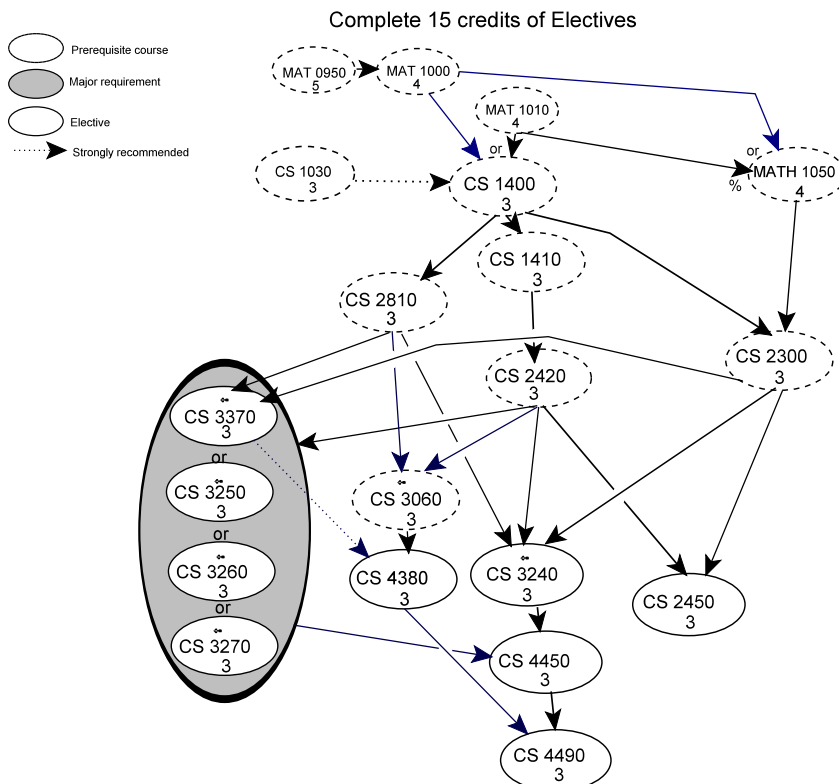
COMPUTER SCIENCE EMPHASIS REQUIREMENTS					
COURSE NO	COURSE TITLE	PREREQUISITE	CR	GR	SEM
CS 3250* or 3260* or 3270* or 3370*	Java Software Development C#.NET Software Development Python Software Development C++ Software Development	COSC, UAS COSC, UAS COSC, UAS CS 2810, COSC, UAS	3.0		
ELECTIVE REQUIREMENTS					
Complete 15 credits from the following:					
CS 2450 Software Engineering (3)		CS 2300, 2420			
CS 3240 Introduction to Computational Theory (3)		CS 2810, COSC, UAS			
CS 3250 Java Software Development (3)		COSC, UAS			
CS 3260 C#.NET Software Development (3)		COSC, UAS			
CS 3270 Python Software Development (3)		COSC, UAS			
CS 3370 C++ Software Development (3)		CS 2810, COSC, UAS			
CS 4380 Advanced/High-Performance Computer Architecture (3)		CS 3060, (CS 3370 rec.) UAS			
CS 4450 Analysis of Programming Languages (3)		CS 3240, (CS 3250 or 3260 or 3270 or 3370), UAS			
CS 4490 Compiler Construction (3)		CS 4380, 4450, UAS			
			15.0		
Total Credits Required for Emphasis			18.0		

NOTE:

A minimum of 2.5 GPA in all Specialty Core courses with no grade lower than C- required for graduation.

UAS University Advanced Standing: Completion of min of 24 credits of 1000 or higher, completion of ENGL 2010 & MATH 1050 or higher, & min 2.0 GPA.

COSC: Matriculation into Advanced Standing required: (CS 1400, 1410, 2300, 2420 Min grade C+) & (MATH 1210, ENGL 1010 Min grade C). Each class may not be repeated more than once.



UAS: University Advanced Standing: Completion of min of 24 credits of 1000 or higher, Completion of ENGL 2010 & MATH 1050 or higher, & Min 2.0 GPA -is prerequisite to all classes 3000 or higher
 *COSC: Matriculation into Advanced Standing required: (CS 1400, 1410, 2300, 2420 Min grade C+) & (MATH 1210, ENGL 1010 Min grade C). Each class may not be repeated more than once
 %Minimum grade of C taken within the last two years required as prerequisite to MATH classes. Type 35 Words Per Minute is recommended for all CS classes.