

## 4-year Degree Plan: BS in Software Engineering & CS Cybersecurity Certificate

Semester 1 - Fall						
Course	Credits	Title	MinGrade	Prerequisites	PreCoRea	Sem
Math1108P	3	Intermediate Algebra Plus		Test score or equiv.		
Gen Ed	3	Objective 4				
Eng1101	3	English Composition		Test score or equiv.		
Gen Ed	3	Objective		Test score or equiv.		
Gen Ed	3	Objective 9				
	<b>15</b>					
Semester 2 - Spring						
Course	Credits	Title	MinGrade	Prerequisites	PreCoRea	Sem
Math143P	3	Precalculus I Algebra I Plus		Math 1108		
Gen Ed	3	Objective 2				
Gen Ed	3	Objective 4				
Gen Ed	3	Objective 5 Science		Test score or equiv.		
Eng1102	3	English Composition II		Eng1101 or equiv.		
	<b>15</b>					
Semester 3 - Fall						
Course	Credits	Title	MinGrade	Prerequisites	PreCoRea	Sem
CS1181	3	Intro Computer Science I	C-	Math1143 or equiv.		F.S
Math1144	2	Precalculus II Algebra I Plus	C-	Math1143 or equiv.		
Eng3307/8	3	Technical Writing	C-	Eng1102		
Gen Ed	4	Objective 5 Science + Lab		Test score or equiv.		
Gen Ed	3	Objective 6				
	<b>15</b>					
Semester 4 - Spring						
Course	Credits	Title	MinGrade	Prerequisites	PreCoRea	Sem
CS1337	3	Computer Org and Arch	C-	(Math1144/1147) CS1181		F.S
CS2235	3	Data Structures & Algorithms	C-	(Math1144/1147) CS1181		F.S
MGT4482	3	Project Management	C-			
Gen Ed	3	Objective 6				
Met2261	3	Legal Environments	C-			F.S
	<b>15</b>					
Semester 5 - Fall						
Course	Credits	Title	MinGrade	Prerequisites	PreCoRea	Sem
CS3309	3	Adv. Object-Oriented Programming	C-	CS1337, CS2235 (Math1144/1147)		F.S
CS3310	3	Databases	C-	CS1337, CS2235 (Math1144/1147)		F
CS3311	3	Secure Client-Server Web Dev	C-	CS1337, CS2235 (Math1144/1147)	CS3310	F
CS4416	3	Foundations Cybersec. & Resilience	C-	CS1337, CS2235 (Math1144/1147)		F
CS3337	3	Secure Sys. Networks	C-	CS1337, CS2235 (Math1144/1147)		F
	<b>15</b>					
Semester 6 - Spring						
Course	Credits	Title	MinGrade	Prerequisites	PreCoRea	Sem
CS4417	3	Cybersecurity Threat Intelligence	C-	CS4416, CS3309, CS1337		S
CS4461	3	Secure Operating Systems	C-	CS1337, CS3309 (Math1144/1147)		S
EE4451+L	3	Embedded Systems Engineering	C-	CS1337	EE4451	S
CS3321	3	Intro to Software Engineering	C-	CS1337, CS3309 (Math1144/1147)		S
CS3318	3	Secure Mobile App Development	C-	CS1337, CS2235 (Math1144/1147)		S
	<b>16</b>					
Semester 7 - Fall						
Course	Credits	Title	MinGrade	Prerequisites	PreCoRea	Sem
Elective	3					
Elective	3					
Elective	3					
Elective	3					
Elective	3					
	<b>15</b>					
Semester 8 - Spring						
Course	Credits	Title	MinGrade	Prerequisites	PreCoRea	Sem
Elective	3					
Elective	3					
Elective	3					
Elective	3					
Elective	3					
	<b>15</b>					