Major: Software Engineering and Information Management

Student Name: _____　　　　Rev. 3/8/2022

		Major Requirements　　　(See back of this sheet)				
Course Prefix	**Course Number**	**Major Requirements** *(Pre-Requisite)*	**Liberal Studies**	**Req. Hours**	**Semester & Term Taught**	**Earned Hours**
COMP	141	Hardware Organization		3	Spring	
COMP	165	Operating Systems		3	Fall	
COMP	221	Foundations of Computer Systems		3	Fall	
COMP	235	Python Programming		3	Even Fall	
COMP	240	Introduction to Linux		3	Even Fall	
COMP	270	Web Page Programming		3	Even Fall	
COMP	321	Advanced Programming with Visual Basic		3	Spring	
COMP	333	Software Engineering I		3	Even Fall	
COMP	335	Advanced Python Programming		3	Odd Spring	
COMP	360	Introduction to Networking		3	Even Fall	
COMP	365	Network Administration II		3	Odd Spring	
COMP	380	Database Management Systems I		3	Odd Fall	
COMP	430	Visual Basic Application		3	Odd Fall	
COMP	434	Management Information Systems		3	Even Spring	
COMP	470	Database Management Systems II		3	Even Spring	
COMP	495	Computer Studies Capstone Project		3	Fall/Spring	
		Total Major Hours:		**48**		

DEGREE REQUIREMENTS		
BACHELOR OF Science:		
Foundational Requirements	**12**	
Liberal Studies	**24**	
ELECTIVES:	**36**	
TOTAL GRADUATION HOURS:	**120**	

SUGGESTED SEQUENCE – Starting in Even Fall
Major: Software Engineering and Information Management

FALL OF YEAR ONE -- Even				SPRING OF YEAR ONE -- Odd		
COMP 165	Operating Systems	3		COMP 141	Hardware Organization	3
COMP 221	Foundations Computer Systems	3		COMP 321	Advanced Prog with VB	3
COMP 270	Web Page Programming I	3			Foundational/Liberal Studies	6
	Foundational/Liberal Studies	6			Elective	3
	Total	15			Total	15

FALL OF YEAR TWO --Odd				SPRING OF YEAR TWO -- Even		
COMP 380	Database Mgmt I	3		COMP 470	Database Mgmt Systems II	3
	Foundational/Liberal Studies	6			Foundational/Liberal Studies	6
	Electives	6			Electives	6
	Total	15			Total	15

FALL OF YEAR THREE-- Even				SPRING OF YEAR THREE -- Odd		
COMP 333	Software Engineering I	3		COMP 365	Network Admin II	3
COMP 360	Introduction to Networking	3		COMP 335	Adv Python Prog	3
COMP 235	Python Programming	3			Foundational/Liberal Studies	6
COMP 240	Intro Linux	3			Elective	3
	Foundational/Liberal Studies	3				
	Total	15			Total	15

FALL OF YEAR FOUR -- Odd				SPRING OF YEAR FOUR -- Even		
COMP 430	VBA	3		COMP 434	MIS	3
	Foundational/Liberal Studies	3		COMP 495	C. S. Capstone Project	3
	Elective	9			Elective	9
	Total	15			Total	15

Total Hours = 120

SUGGESTED SEQUENCE – Starting in Odd Fall
Major: Software Engineering and Information Management

FALL OF YEAR ONE -- Odd		
COMP 165	Operating Systems	3
COMP 221	Foundations Computer Systems	3
	Foundational/Liberal Studies	6
	Elective	3
	Total	15

SPRING OF YEAR ONE -- Even		
COMP 141	Hardware Organization	3
COMP 321	Advanced Prog with VB	3
	Foundational/Liberal Studies	6
	Elective	3
	Total	15

FALL OF YEAR TWO -- Even		
COMP 235	Python Programming	3
COMP 240	Intro Linux	3
COMP 270	Web Page Prog	3
COMP 360	Introduction to Networking	3
	Foundational/Liberal Studies	3
	Total	15

SPRING OF YEAR TWO -- Odd		
COMP 335	Adv Python	3
COMP 365	Network Admin II	3
	Foundational/Liberal Studies	6
	Elective	3
	Total	15

FALL OF YEAR THREE-- Odd		
COMP 380	Database Management Systems I	3
COMP 430	Visual Basic Applications	3
	Foundational/Liberal Studies	3
	Elective	6
	Total	15

SPRING OF YEAR THREE -- Even		
COMP 470	Database Mgmt Sys II	3
	Foundational/Liberal Studies	6
	Elective	6
	Total	15

FALL OF YEAR FOUR -- Even		
COMP 333	Software Engineering I	3
	Foundational/Liberal Studies	3
	Elective	9
	Total	15

SPRING OF YEAR FOUR -- Odd		
COMP 434	MIS	3
COMP 495	C. S. Capstone Project	3
	Foundational/Liberal Studies	3
	Elective	6
	Total	15