

### Suggested Plan of Study BS-CIS (Programming Concentration) 2020-2021

Year 1			Prerequisites		
Fall					
ENC 1101	English Composition I	3	Test Score		
SPC 2023	Public Speaking	3			
MAC 1105	College Algebra	3	MAT 1033 with a minimum grade of C or Test score		
GEHM	State Core General Education Humanities	3			
GENC	State Core General Education Natural Science w/lab	3			
		Total Credits	15		
Spring					
ENC 1102	English Composition II	3	ENC 1101 with a minimum grade of C		
MAC 1147	Precalculus	4	MAC 1105 with a minimum grade of C or Test score		
COP 1500	Intro to Computer Science	3	MAC 1105 or MAC 1147 or MAC 2157 or MAC 2311 with a minimum grade of C		
ECO 2023	Microeconomics	3			
GEHM	General Education Humanities with INKN Attribute	3			
		Total Credits	16		
Summer					
		Total Credits	0-9		
Year 2			Fall		
ACG 2021	Intro to Financial Accounting	3			
MAC 2311	Calculus I	4	MAC 1147 with a minimum grade of C or Test Score		
ECO 2013	Macroeconomics (Satisfies the State Core Social Science requirement)	3			
GEB 3523 OR ENC 3250	Critical Thinking for Business OR Professional Writing	3	ENC 1101 & ENC 1102 with minimum grade of C (in addition, GEB 3523 requires ACG 2021 with minimum grade of C); sophomore standing		
GENC or GENA	General Education Natural Science	3			
		Total Credits	16		
Year 2			Spring		
ACG 2071	Intro to Managerial Accounting	3	CGS 1100 and ACG 2021 with a minimum grade of C		
STA 2023	Statistical Methods	3	MAT 1033 or MAC 1105 or MAC 2233 with a minimum grade of C or Test Score		
GESO	General Education Social Science	3	See Civic Literacy Requirement		
MAN 3025	Principles of Management	3	Sophomore Standing		
GEHM	General Education Humanities with INKN Attribute	3			
		Total Credits	15		
Year 2			Summer		
		Total Credits	0-9		
Year 3			Fall		
ISM 3053	Mobile App Development*	3			
COP 2006	Introduction to Programming*	3	CGS 1100 or COP 1500 and MAC 2233 or MAC 2311 with a minimum grade of C		
ISM 3011	Information Systems	3	CGS 1100 or COP 1500 with a minimum grade of C; Junior Standing		
FIN 3403	Business Finance	3	CGS 1100, ACG 2021, ACG 2071, ECO 2023, ECO 2013, STA 2023, with a minimum grade of C; Junior Standing		
MAC 2312	Calculus II	4	MAC 2311 with a minimum grade of C		
		Total Credits	16		
Year 3			Spring		
QMB 3302	Business Analytics*	3	STA 2023 with a grade of C and (MAC 2233 or MAC 2311) with a grade of C.		
ISM 3212	Database Concepts and Admin.*	3	COP 2006 or ISM 3053 or ISM 3230 and ISM 3011 or CEN 3031 with a minimum grade of C		
COP 2001	Programming Methodology*	3	COP 2006 and MAC 2311 with a minimum grade of C		
BUL 3130	Legal & Ethical Environment of Business	3	Junior Standing		
Free Elective		3			
		Total Credits	15		
Year 3			Summer		
		Total Credits	0-9		
		Total Credits	0-9		
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Year 3			Summer		

		Total Credits	0-9	
<b>Year 4</b>	<b>Fall</b>			
ISM 4323	Network Security*		3	COP 2006 or ISM 3230 and ISM 3011 or CEN 3031 with a minimum grade of C
ISM 3113	Systems Analysis & Design*		3	QMB 3302, and COP 2006, ISM 4053/3053 or ISM 3230 with a minimum grade of C. Concurrent enrollment or a minimum grade of C in ISM 3212.
COP 3003	Object-Oriented Programming*		3	COP 2001 with a minimum grade of C
MAR 3023	Introduction to Marketing		3	Junior Standing
IDS 3920	University Colloquium		3	Sophomore Standing, minimum grade of C
				<b>Complete 80 of 80 Service Learning Hours by end of fall semester year 4</b>
		Total Credits	15	
<b>Year 4</b>	<b>Spring</b>			
ISM 4154	Information Systems Integration*		3	ISM 3113 and ISM 4323 with a minimum grade of C
SCM 3005	Supply Chain Management		3	STA 2023 with a minimum grade of C; Sophomore standing
GEB 4890	Business Strategy (Capstone- completed in the graduating semester)		3	FIN 3403, MAN 3025, MAR 3023 with a minimum grade of C
Free Elective			3	
		Total Credits	12	
<b>Year 4</b>	<b>Summer</b>			
		Total Credits	0-9	
<b>Legend</b>				
	Common Prerequisites			
	Required Courses in the Major *Students must meet the college criteria for admission to the major prior to enrolling in major courses			
	Restricted Electives *Students must meet the college criteria for admission to the major prior to enrolling in upper division restricted electives			
	Business Common Core			
				Notes: 1) Math course requirements and sequence are determined upon entry to the University by the math placement exam or test scores. Students that place in higher level math may need additional general elective credit hours to meet the 120 total credits required for the degree. 2) FTIC and LL Transfer students must complete 9 credit hours of coursework during summer session (s). 3) Baccalaureate degree-seeking students initially entering a state university fall semester 2018 and thereafter must demonstrate competency in civic literacy.