

Curriculum Outline: B.S. in Computer Information System (Fall 2020)
[CIS]

Freshman Year				
Fall	Cr		Spring	Cr
MAT 130 – Calculus (*)	3			
CSC 151 – Computer Programming I (**)	4		CSC 152 – Computer Programming II	3
ENG 101 – Written Communication I	3		CSC 120 – Introduction to Computers	3
HIS 106 – World Civil II	3		ENG 102 – Written Communication II	3
HEA 200 – Health Education (or 2 PE)	2		COM 103 – Oral Communication	3
UNI 101 – The Individual and Life	1		BIO 103 – General Biology	4
	16			16
Sophomore Year				
Fall	Cr		Spring	Cr
CSC 204 – Architecture I	3		CSC 205 – Architecture II	3
CSC 251 – Data Structure I	3		CSC 252 – Data Structure II	3
CSC 215 – Discrete Structure	3		CSC2XX – Elective	3
HUM 201 – Humanity I	3		PSY 203 – Intro to Psychology	3
ECO 201 – Macro-economics	3		SCI 104 – Intro to Physical Science	4
	15			16
Junior Year				
Fall	Cr		Spring	Cr
CIS 310 – Info Systems in Organization	3		CIS 320 – Info Analysis	3
CSC 301 – Operating System	3		CSC 308 – Programming Languages	3
CSC 382 – Intro to Cyber Security	3		CSC 570 – Database Management	3
MAT 205 – Intro to Stats	3		ECO 202 – Micro-economics	3
ACC 203 – Accounting I	3		FIN 304 – Business Finance	3
	15			15
Senior Year				
Fall	Cr		Spring	Cr
CSC 404 – Software Design I / Senior Capstone	3		CSC 405 – Software Design II / Senior Capstone	3
CSC 425 – Senior Seminar	3		CSC Adv. Elective	3
CSC 571 – Communication Networks	3		MKT 305 – Principles of Marketing	3
CIS 410 – System Design Process	3		MGT 305 – Business Law	3
ENG 218 – Technical Written Comm.	3			
	15			12

Total: 120 Credit Hours

(*) **MAT 130** Any student not qualifying for MAT 130 (Calculus) must start at the appropriate level of mathematics.

(**) **CSC 151** You need to be in at least MAT 117 or higher to take CSC 151.