Computer Programming Database Management - Computer Information Systems Major
Engineering & Information Technologies
2023-2024 Curriculum

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
ENG-101	English Composition 1		3	0	3
FYE-1XX	First Year Experience Elective		1	0	1
IT-100	Computer Programming Foundations		2	3	3
MAT-XXX	Mathematics Elective		3	0	3
XXX-XXX	Arts/Humanities Elective		3	0	3
					13
Semester 2					
CPDM-210	System Analysis and Design		2	3	3
IT-101	Programming 1		2	3	3
IT-111	Database Design and SQL		2	3	3
XXX-XXX	Computer Information Systems Elective 1		3	0	3
					12
Semester 3					
CPDM-120	Fund. of Object-Oriented Prog. Using Python	IT 101 and IT 111	2	3	3
ECO-1XX	Economics Elective		3	0	3
IT-102	Programming 2	IT 101 and IT 111	2	3	3
XXX-XXX	Computer Information Systems Elective 2		3	0	3
XXX-XXX	Computer Information Systems Elective 3		3	0	3
					15
Semester 4					
CPDM-XXX	Experiential Learning Elective 1		1	40	2
XXX-XXX	Technical Track Elective 1	CPDM 120 and IT 102	2	3	3
XXX-XXX	Technical Concentration Elective 1	CPDM 120 and IT 102	2	3	3
					8
Semester 5					
ENG-10X	English Composition Elective	ENG 101	3	0	3
XXX-XXX	Computer Information Systems Elective 4		3	0	3
XXX-XXX	Technical Concentration Elective 2		2	3	3
XXX-XXX	Technical Track Elective 2		2	3	3
					12
Semester 6					
CPDM-290	CPDM Capstone	IT 218 or IT 262 or SET 252 or Program Chair Consent	2	3	3
CPDM-XXX	Experiential Learning Elective 2		1	40	2
					5
				Total	65

Arts/Humanities Elective: Any Transfer Module course from ART, LIT, MUS,
   PHI, REL, THE, or COMM 130

Computer Information Systems Electives (Choose 4 courses): ACC 101, ACC 102, FIN 150,
     HIT 100, HIT 105, MCH 104, LAW 101, MGT 101, HIT 210, MCH 104

Economics Elective: ECO 105, ECO 110

English Composition Elective: ENG 102, ENG 103, ENG 104, ENG 105

Experiential Learning Electives (Choose courses from 1 experiential learning group)
   Cooperative Education Experiential Learning: CPDM 190, CPDM 291, CPDM 292
   Project-Based Experiential Learning: CPDM 296, CPDM 297

First Year Experience Elective: FYE 100, FYE 105, FYE 110

Mathematics Elective: MAT 124, MAT 125, MAT 131, MAT 151

Technical Concentration Electives (Choose courses from 1 concentration)
   C Programmer Concentration: SET 151, SET 252
   Java Programmer Concentration: IT 161, IT 262
   Web Programmer Concentration: IT 117, IT 218

Technical Track Electives (Choose courses from 1 track):
   C Programming Track 1: SET 151, SET 252   IBMi Powersystem Track: CPDM 211, CPDM 212
   Computer Networking Track: NETC 121, NETC 122   Java Programming Track: IT 161, IT 262
   Database Analytics Track: IT 112, IT 212   Mobile Application Track: CPDM 230, CPDM 240
   Game Development Track: CPDM 250, CPDM 255   Web Programming Track: IT 117, IT 218