

Degree Plans

2016-2017

BS Computer Science / Information Technology

Area D Math	STAT 1127 Introductory Statistics (3 hrs)				
Area F 18 hrs	CPSC 1301 Computer Science 1 (3 hrs) CPSC 1301L Computer Science 1 Lab (1 hrs) CPSC 1302 Computer Science 2 (3 hrs) CPSC 2105 Computer Organization (3 hrs) CPSC 2106 Information Security (3 hrs) CPSC 2108 Data Structures (3 hrs) MATH 2125 Introduction to Discrete Math (2 hrs)				
Area G CS 18hrs IT 21 hrs	CPSC 3125 Operating Systems (3 hrs) CPSC 3131 Database Systems 1 (3 hrs) CPSC 3165 Professionalism in Computing (3 hrs) CPSC 3175 Object-Oriented Design (3 hrs) CPSC 4000 Baccalaureate Survey (0 hrs) CPSC 5157 Computer Networks (3 hrs) MATH 5125 Discrete Mathematics (3 hrs)			MISM 2115 Intro. to information Systems in Business (3 hrs) MISM 3109 Principles of Info Tech Management (3 hrs) CPSC 3131 Database Systems (3 hrs) CPSC 3165 Professionalism in Computing (3 hrs) MISM 3221 Information Systems Analysis (3 hrs) MISM 3222 Information Systems Design (3 hrs) MATH 2125 Introduction to Discrete Mathematics (1 hr) MISM 4145 Business Data Networks & Security (3 hrs)	
Area H CS 27-28 hrs IT 24 hrs	CPSC 3121 Assembly Prog 1 CPSC 4175 Soft Eng CPSC 4176 Sr Soft Eng CPSC 5115 Algorithms CPSC 5128 Comp Theory CPSC 5135 Prog Lang CPSC 5155 Comp Arch MATH 2125 Intro Disc Math (1 hr) CPSC >= 3000 (6 hrs)	CPSC 3118 GUI Dev CPSC 4111 Games Prog 1 CPSC 4112 Games Prog 2 CPSC 4175 Soft Eng CPSC 4176 Sr Soft Eng CPSC 5125 Comp Graphics CPSC 5185 AI MATH 1131 Calculus 1 MATH 2125 Intro Disc Math (1 hr) CPSC >= 3000 (3 hrs)	CPSC 2125 Internet Prog CPSC 3111 COBOL 1 CPSC 3121 Assembly Prog 1 CPSC 3156 Transaction Prog CPSC 4125 SS Web Dev CPSC 5135 Prog Lang CPSC 5165 Web Dev Proj MATH 2125 Intro Disc Math (1 hr) CPSC >= 3000 (6 hrs)	CPSC 3106 Info Sec Risk CPSC 3108 Defensive Prog CPSC 3119 Comp Forensics CPSC 4160 Cryptography CPSC 5127 Network Sec CPSC 4166 Intrusion Det.& Prev. MATH 2125 Intro Disc Math (1 hr) CPSC >= 3000 (9 hrs)	CPSC 3118 GUI Development CPSC 4205 Senior Project & Portfolio MISM 4165 Project Management ENGL 5195 Technical & Scientific Writing MISM 4112 Sys Acquisition, Integration & Impl (= WBIT 4112) CPSC >= 3000 (3 hrs) One Of: 1) CPSC 3106 (Info Sec Risk) and CPSC 3119(Comp Forensics) 2) CPSC 3111 (Cobol) and CPSC 3156 (Transaction Prog) 3) CPSC 2125 (Internet Prog) and CPSC 4125 (SS Web Dev)
Area I	14 hours electives	13 hours electives	14 hours electives	14 hours electives	14 hours electives (recommend
Programs and Tracks	Software Systems	Games Programming	Applied Computing	CyberSecurity	ACCT2101,BUSA3135,ECON2106,MGMT3109, MKTG3109)
	BS Computer Science				BS IT