

Year One

Fall Semester

Spring Semester

Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit Hours
ICTC 1302	Information & Computing Technology Concepts	3	COMM 1302	Communication Skills II	3
LOGC 1202	Digital Logic Concepts	2	MATH 1305	Calculus II	3
ARTS XXXX	Arts & Design	2	BSCS 1330	Discrete Structures	3
COMM 1301	Communication Skills I	3	BSCS 1350	Introduction to Programming	3
ARAB XXXX	Arabic Studies	3	BSCS 1320	Computer Architecture & Organization	3
MATH 1304	Calculus I	3	BSCY 1310	Fundamentals of Cybersecurity	3
BSCS 1160	Computer Ethics & Society	1			
Total Credit Hours		17	Total Credit Hours		18

Year Two

Year One

Fall Semester

Spring Semester

Fall Semester

Spring Semester

Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit Hours
Math 1306	Linear Algebra	3	ARAB XXXX	Arabic Studies	3
CHEM 1301	Chemistry	3	XXXX XXXX	Required Gen. Ed Electives	3
STAT 2301	Statistics	3	PHYS 1301	Physics	3
BSCS 2355	Object-Oriented Programming	3	BSCS 2375	Networking & Data Communication	3
BSCS 2351	Fundamental Data Structures	3	BSCS 2310	Analysis of Algorithms	3
BSCS 2370	Operating Systems	3	BSIS 2340	IS Project Management	3
Total Credit Hours		18	Total Credit Hours		18

Year Three

Fall Semester

Spring Semester

Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit Hours
EMOI 1201	Emotional Intelligence	2	XXXX XXXX	Required Gen. Ed Electives	3
ISLS XXXX	Islamic Studies	3	XXXX XXXX	Free Elective	3
BSCS 3340	Computer Graphics and Visualization	3	ISLS XXXX	Islamic Studies	3
BSCS 3345	Human Computer Interaction	3	BSIS 3320	Database Management Systems	3
BSCS 3380	Artificial Intelligence	3	BSCS 3330	Computational Science Principles	3
BSCS 3365	Software Engineering	3	BSCS XXXX	Program Elective	3
Total Credit Hours		17	Total Credit Hours		18

Year Four

Fall Semester

Spring Semester

Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit Hours
ISLS XXXX	Islamic Studies	2	BBBF 1101	Basic Brain & Body Fitness	1
ENTR 3301	Entrepreneurship & Design Thinking	3	XXXX XXXX	Free Elective	3
BSCS 4390	Advanced Applications Programming	3	BSCS 4392	Capstone Project II	3
BSCS 4315	Parallel & Distributed Computing	3	BSCS 4393	Internship	3
BSCS 4391	Capstone Project I	3	BSCS XXXX	Program Elective	3
BSCS XXXX	Program Elective	3			
Total Credit Hours		17	Total Credit Hours		