

Year One					
Semester – Fall			Semester – Spring		
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	ISLS XXXX	Islamic Studies	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

Semester – Fall

Semester – Spring

Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit Hours
ISLS XXXX	Islamic Studies	3	ARAB XXXX	Arabic Studies	3
STAT 2301	Statistics	3	XXXX XXXX	Required Gen. Ed Elective	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
BSCY 2311	Basic Cryptography Concepts	3	BSCY 2320	Secure Software Development	3
Total Credit Hours		18	Total Credit Hours		18

Year Three

Semester – Fall

Semester – Spring

**Course
Code**

Course Title

**Credit
Hours**

**Course
Code**

Course Title

**Credit
Hours**

EMOI 1201

Emotional Intelligence

2

ISLS XXXX

Islamic Studies

2

XXXX XXXX

Free Elective

3

XXXX XXXX

Free Elective

3

BSCS 3360

Software Engineering

3

BSCS 3345

Human Computer
Interaction

3

BSCY 3330

System Components
Security

3

BSIS 3320

Database Management
Systems

3

BSCY 3340

Networks &
Connections
Security

3

BSCY 3360

Human Privacy & Security

3

BSCY 3350

Managing Systems
Security

3

BSCY XXXX

Program Elective

3

Total Credit Hours

17

Total Credit Hours

17

Year Four

Semester – Fall

Semester – Spring

Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit Hours
ENTR 3301	Entrepreneurship & Design Thinking	3	BBBF 1101	Basic Brain & Body Fitness	1
XXXX XXXX	Required Gen. Ed Elective	3	BSCY 4380	Societal Security & Cyber Law	3
BSCY 4312	Information Storage Security	3	BSCY 4292	Capstone Project II	3
BSCY 4370	Organizational Risk Management & Governance	3	BSCY 4393	Internship	3
BSCY 4291	Capstone Project I	3	BSCY XXXX	Program Elective	3
BSCY XXXX	Program Elective	3			
Total Credit Hours		18	Total Credit Hours		13

Program Electives

Course Code	Course Title	Credit Hours
BSCY 3301	IT Audit and Controls	3
BSCY 3390	Research Methods in Cybersecurity	3
BSCY 3302	Emerging Technologies in Cybersecurity	3
BSCY 3303	IT Essential	3
BSCY 4341	Cybersecurity Operations	3
BSCY 4342	Network Defender	3
BSCY 3304	Ethical Hacking Concepts	3
BSCY 4305	Web Applications Ethical Hacking	3
BSCY 4306	Network Ethical Hacking	3
BSCY 3307	Computer Forensics Investigations	3
BSCY 4308	Network Forensics and Analysis	3
BSCY 4309	Mobile Forensics and Analysis	3