University *of* New Haven

SAMPLE FOUR YEAR PLAN BS CYBERSECURITY AND NETWORKS

Study Abroad Option

The curriculum in our degree programs is structured so that students move through classes in a prescribed order. Prerequisites are important and are strongly enforced. This is the plan for completing this degree in eight semesters, including one semester abroad. Students work closely with their academic advisor to have their courses pre-approved before their semester abroad. Meet with your advisor as soon as you can to discuss a plan of action that works best for you.

FIRST YEAR

Fall		Credits	Spring	STUDY ABROAD	Credits
CC1.1	ENGL 1112 OR 1113 Semin. in Acad. Inquiry	3	CC 2.1	COMM 1130 Princ. of Communication	3
CC 3.1	MATH 1115 Pre-Calculus	3	CC 3.2	MATH 1117 Calculus I or Lab Science	4
CC 5.2	CSCI 1110 Intro to Programming/ C	3	MR	CSCI 1166 Discr Math Computing	3
MR	CSCI 1109 Intro to Computing	3	CC 8.1	Global & Intercultural Awareness	3
	EASC 1102 Tech. Comm. in Computer Science	1	CC 9.1	Perspectives on Creative Arts	3
	Total Credits this semester	13		Total Credits this semester	16

SECOND YEAR

Fall		Credits	Spring		Credits
MR	ELEC 1155 Digital Systems I	3		CSCI Programming Requirement (CSCI 2210 or 2226)	3
MR	CSCI 2212 Intermediate Pogramming/C++	3	MR	CSCI 3320 Operating Systems	3
MR	CSCI 2246 Intro to Computer Security	3	MR	ELEC 3330 Computer Organization	3
CC 5.1	UNIV 1141 Life on Earth or BUSA 1000 Business and Entreprenueship	3	MR	CSCI 3331 Computer Organization Lab	1
CC 4.1	Phyics Mechanics, Heat & Waves w/Lab	4	MR	CSCI 3338 Intro to Cyber Forensic Science	3
			CC5.2 or 7.2	ECON 1133 or 1134	3
	Total Credits this semester	16		Total Credits this semester	16

THIRD YEAR

Fall		Credits	Spring		Credits
CC 7.1	CSCI 3316 Soc & Professional Issues	3	MR	CSCI 2215 Introduction to Databases	3
MR	CSCI 3347 Network Essentials Tech	3	MR	CSCI 4482 Wireless Networking	3
MR	CSCI 3351 Intro to Script Programming/ Python	3	CC 3.1	MATH 2228 Elementary Statistics	4
Any CC, Tier 2	Elective	3		Business Restricted Elective (see list below)	3
MR	CSCI Jr/Sr Elective	3		Restricted Elective	3
	Total Credits this semester	15		Total Credits this semester	16

FOURTH YEAR

Fall		Credits	Spring		Credits
	CSCI 3398 or CSYS 3398 Internship	1	CC 6.1	Historical Perspectives	3
MR	CSCI 4497 or CSYS 4497 Capstone Project I	3	MR	CSCI 4498 or CSYS 4498 Capstone Project II	3
MR	CSCI 4445 Unix Network Administration or CSCI 4439 Enterprise Network Administration/Windows	3	MR	CSCI Senior Elective	3
	Restricted Elective	3		Elective (CC W, or Tier 2 if not taken elsewhere)	3
	Restricted Elective	3		Restricted Elective	3
	Elective	3			
	Total Credits this semester	16		Total Credits this semester	15

Minimum Total Credits: 123

Code	
CC	Required University Core Competency - see advisor for selection
MR	Major Requirement - Minimum 2.00 QPR
Business restricted elective	EASC 2232, ECON 1133, ECON 1134, BUSL 1101, ACCT 1101, or MGMT 2210