University *of* New Haven

SAMPLE FOUR YEAR PLAN BS COMPUTER ENGINEERING

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
CC 1.1	ENGL 1112/3 Sem Acad Inquiry◆	3		CC 8.1	Global & Intercultural Awareness	3
CC 4.1	CHEM 1115 General Chemistry I◆	3		CC 9.1	Perspectives on Creative Arts	3
CC 4.1	CHEM 1117 General Chem I Lab	1			EASC 1112 Methods Engr Anly◆	3
	EASC 1107 Intro Engineering◆	3			PHYS 1150 Mech/Heat/Wav w/Lab◆	4
CC 3.2	MATH 1117 Calculus I◆	4		CC 3.2	MATH 1118 Calculus II	4
CC 3.1	CSCI 1110 Intro C Programming◆	3		MR	EASC 1101 Short Engr Reports	1
	Total Credits this semester	17			Total Credits this semester	18

SECOND YEAR

Fall		Credits		Spring		Credits
MR	ELEC 1155 Digital Systems I	3		MR	ELEC 2255 Digital Systems Lab◆	1
MR	EASC 2211 Modeling Engr Syst◆	3		MR	EASC 2230 Fund Analog Devices◆	3
CC5.1	UNIV 1141 Life on Earth	3		MR	CSCI 2212 Intermed C Program◆	3
CC3.2	MATH 2203 Calculus III◆	4		MR	MATH 2204◆ OR MATH 2205◆	3
MR	PHYS 2205 Electromg&Optics w/Lab◆	4		MR	ELEC 2235 Analog Circuits◆	3
				MR	ELEC 3330 Computer Organiz◆	3
	Total Credits this semester	17			Total Credits this semester	16

THIRD YEAR

Fall		Credits		Spring		Credits
MR	ELEC 3302 Systems Analysis◆	3		MR	CSCI 3320 Operating Systems◆	3
MR	ELEC 3371 Embedded Systems◆	3		MR	ELEC 3320 Random Signal Anly◆	3
MR	ELEC 2247 Electronics I◆	3		MR	CSCI 2226 Data Struct&Algorith◆	3
MR	ELEC 3356 Digital Systems II◆	3		MR	CMPE 3397 Junior Design Exper◆	3
MR	ELEC 4410 Networking I◆	3		MR	Technical Elective I◆	3
				MR	ELEC 2234 Analog Circuits Lab◆	1
					CMPE 3398 Internship◆	0
	Total Credits this semester	15			Total Credits this semester	16

FOURTH YEAR

Fall		Credits		Spring		Credits
CC7.1	EASC 2215◆ OR CSCI 3316◆	3		CC6.1	Historical Perspectives	3
CC2.1	COMM 1130 Communication	3		MR	CMPE 4498 Senior Design II◆	3
MR	Technical Elective II◆	3		MR	Technical Elective III◆	3
MR	CMPE 4497 Senior Design I◆	2		MR	EASC 2232 Proj Mgt&Engr Econ◆	3
MR	ELEC 4475 System on Chip◆	3		MR	CSCI 1166 Disc Math Computing◆	3
	Total Credits this semester	14			Total Credits this semester	15

Every student must complete a course that has been designated as satisfying Writing Across the Curriculum constraints.

Minimum Total Credits: 127

Code	
CC	Required University Core Competency - see advisor for selection
MR	Major Requirement - Minimum 2.00 QPR
◆	This course has a prerequisite