



University of New Haven

SAMPLE FOUR YEAR PLAN BS 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			Spring		
		Credits		STUDY ABROAD	Credits
CC 1.1	ENGL1112/1113 Written Commun	3	CC 5.1	UNIV 1141 Life on Earth	3
CC 4.1	CHEM1115 General Chemistry I	3	MR	EASC1109 Project Plan & Develop	2
	CHEM1117 General Chemistry I Lab	1	MR	EASC1112 Methods Engr Anly	3
MR	EASC1107 Intro to Engineering	3	MR	EASC1101 Short Engr Reports	1
CC 3.2	MATH1117 Calculus I	4	MR	EASC1120 Chem w/ Appl Biosyst	4
CC 2.1	COMM1130 Oral Commun & Present	3	CC 3.2	MATH 1118 Calculus II	4
	Total Credits this semester	17		Total Credits this semester	17

SECOND YEAR					
Fall			Spring		
		Credits			Credits
MR	EASC2211 Modeling Engr Systems	3		PHYS2205 Electromg&Optics w/lab	4
MR	EASC2213 Materials Engr Systems	3	CC 7.1	EASC2215 Sustain, Ethics & Prof Issues	3
CC 3.2	MATH2203 Calculus III	4	MR	EASC2222 Fund Mech & Mats	3
CC 3.1	PHYS1150 Mech/Heat/Waves w/lab	4	MR	EASC2224 Fluid-Thermal Systems	3
	CSCI1110 or Programming Elect	3	MR	EASC2230 Fund Analog Devices	3
	Total Credits this semester	17		Total Credits this semester	16

THIRD YEAR					
Fall			Spring		
		Credits			Credits
	Math or Science Elective	3	MR	EASC2232 Proj Mgmt&Engr Econ	3
	EASC3345 Appl Engr Stat - or - MATH2204 Differential Equations -or - MATH2205 Diff Eq and Linear Algebra	3		Restricted Elective *#	3
CC 6.1	Historical Perspective Elective	3		Restricted Elective *#	3
	Restricted Elective *#	3		Restricted Elective *#	3
	Free Elective #	3	MR	MECH 1101 Eng Graphics	2
			MR	Engineering Lab Elective ^	1
	Total Credits this semester	15		Total Credits this semester	15

FOURTH YEAR					
Fall			Spring		
		Credits			Credits
	Restricted Elective *#	3		Free Elective #	3
	Free Elective #	3		Free Elective #	3
CC 8.1	Global/Intercultural Elect ITAL	3	CC 9.1	Creative Arts Elective	3
MR	EASC4501 Senior Project I	3		Free Elective#	3
MR	EASC3350 Experiential Edu Req	0			
	Total Credits this semester	12		Total Credits this semester	12

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

Minimum Total Credits: 121

Courses that do not count as electives or for graduation (included in GPA):	
CHEM1103 Intro to General Chemistry	3
EASC1103 Fundamentals of Engr	3
ENGL1103 English Fundamentals	3
MATH1103 Math Fundamentals	3
MATH1110 Intermediate Algebra	3
MATH1115 Pre-Calculus	3
CSCI 1107 Comp & Applications	3

Code	
CC	Required University Core Competency - see advisor for selection
MR	Major Requirement - Minimum 2.00 QPR
*	Restricted Electives - To maintain depth, restrictive electives are limited to the list of approved choices maintained by program coordinator.
#	Electives may include courses needed satisfy the requirements of a minor.
%	A Senior Project may span 2 semesters by taking EASC 4502 as an elective.
^	Engineering lab electives are selected from a list of approved choices maintained by program coordinator.