



SAMPLE FOUR YEAR PLAN BS CHEMICAL 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
CC1.1	ENGL 1112 Seminar in Academic Inquiry	3	CC8.1	Global/Intercultural Elect ITAL1101	3
CC3.1	CHEM 1115 General Chemistry I	3	CC9.1	Creative Arts Elective ARTS2233	3
	CHEM 1117 General Chemistry I Lab	1	MR	EASC 1112 Methods Engr Anly	3
CC3.2	MATH 1117 Calculus I	4	MR	EASC 1101 Short Engr Reports	1
MR	EASC 1107 Intro to Engineering	3	MR	EASC 1120 Chem w/Appl Biosyst	4
CC2.1	COMM 1130 Principles of Communication	3	CC3.2	MATH 1118 Calculus II	4
	Total Credits this semester	17		Total Credits this semester	18

SECOND YEAR					
Fall			Spring		
		Credits			Credits
CC5.1	UNIV 1141 Life on Earth	3	MR	EASC 1109 Project Plan & Develop	2
CC5.2	EASC 2211 Modeling Engr Systems	3	MR	CHME2220 Process Analysis	3
MR	EASC 2213 Materials Engr Systems	3	MR	EASC 2224 Fluid-Thermal Systems	3
CC3.2	MATH2203 Calculus III	4	MR	MATH 2204 Differential Equations	3
CC4.1	PHYS1150 Mech/Heat/Waves w/lab	4	MR	PHYS 2205 Electromg&Optics w/lab	4
	Total Credits this semester	17	CC7.1	EASC 2215 Sustain, Ethics & Prof Issues	3
				Total Credits this semester	18

THIRD YEAR					
Fall			Spring		
		Credits			Credits
	ENGL3300 Writing Proficiency Assess	0	MR, W	CHME3361 Chem Engr Lab I	3
MR	CHME3315 Transport Operations I	3	MR	CHME3311 Chem Engr Thermodyn	3
MR	CHME3321 Reaction Kinetics	3	MR	CHME3316 Transport Ops II	3
	CHEM 2201 Organic Chemistry I	3		Category I Chemistry Elective	3
	CHEM2203 Organic Chemistry I Lab	1		Category I Chemistry Elective Lab	1
	EASC2230 Fund Analog Devices	3		EASC2232 Project Mgt & Eng Econ	3
	Category II Science Elective	3		Total Credits this semester	16
	Total Credits this semester	16			

FOURTH YEAR					
Fall			Spring		
		Credits			Credits
MR	CHME 4461 Chem Engr Lab II	2	MR	CHME 4401 Mass Transfer Ops	3
MR	CHME 4497 Chem Engr Design I	3	MR	CHME 4498 Chem Engr Design II	3
MR	CHME 4415 Proc Dynamics & Control	3		Engr or Science Elective	3
MR	Engr or Science Elective	3		Engr or Science Elective	3
CC6.1	Historical Perspectives	3		Engr or Science Elective	3
	Total Credits this semester	14		Total Credits this semester	15

<i>Courses that do not count as electives or for graduation (included in GPA):</i>	
ENGL1103 English Fundamentals	3
MATH1103 Math Fundamentals	3
MATH1108 College Math	3
MATH1110 College Algebra	3
MATH1115 PreCalculus	3

Minimum Total Credits: 131

Code	
CC	Required University Core Competency - see advisor for selection
MR	Major Requirement - Minimum 2.00 QPR
W	Writing Intensive Course