

Chemical Engineering Flowsheet Co-op Plan A

FRESHMAN		SOPHOMORE			PRE-JUNIOR			JUNIOR			SENIOR	
Fall	Spring	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring
Gen1 Chem I CHEM1230 4hrs	Gen1 Chem II CHEM1240 4hrs	Org Chem I CHEM2410 3hrs	Co-op Experience CHEE 3940 0 hr	Org Chem II CHEM2420 3hrs	Co-op Experience CHEE 3940 0 hr	Adv Chem Elective 3 hrs	Co-op Experience CHEE 3940 0 hr	Adv Chem Elective 3hrs	Co-op Experience CHEE 3940 0 hr	CIVE 1150 or EECS 2340 3hrs	Adv Sci Elective 3hrs	Deficiencies Minor Grad School
Gen1 Chem Lab I CHEM1280 1hrs	Gen1 Chem Lab II CHEM1290 1hrs	Org Chem Lab I CHEM2460 1hrs		Org Chem Lab II CHEM2470 1hrs		Separations CHEE3030 3hrs		Tech Writing ENGL2950 3 hrs		Design I CHEE4520 3 hrs	CHEE Engineering Elective 3 hrs	
Calc I MATH1850 4hrs	Calc II MATH1860 4hrs	Calc III MATH2850 4hrs		Diff Equations MATH2860 3hrs		Heat Transfer CHEE3110 2hrs		Engineering Elective 3hrs		Engineering Elective 3hrs	Control CHEE3400 3hrs	
CHEE Orientation CHEE1000 3hrs	Prof. Develop CHEE1010 1hrs	Physics I PHYS2130 5hrs		Free Elective 3 hrs		Fluid Mechanics CHEE2110 3hrs		Mass Transfer CHEE3120 3hrs		HUM/SS/MC Elective 3hrs	Design II CHEE4540 3 hrs	
English Comp ENGL1110 3 hrs	Mass & Energy CHEE2010 3hrs	Thermo I CHEE2230 3hrs		Thermo II CHEE2330 3hrs		Physics II PHYS2140 5hrs		Reactor Design CHEE3300 3hrs		HUM/SS/MC Elective 3hrs	Lab II CHEE4550 2 hrs	
	HUM/SS/MC Elective 3 hrs			HUM/SS/MC Elective 3hrs				Lab I CHEE4500 2 hrs			HUM/SS/MC Elective 3hrs	
15 hours	16 hours	16 hours		16 hours		16 hours		17 hours		15 hours	17 hours	

LEGEND

Math & Basic Science	Advanced Chemistry & Science	Humanities, Social Science & Multicultural	Engineering	Other
-------------------------	------------------------------------	--	-------------	-------

Chemical Engineering Flowsheet Co-op Plan B

FRESHMAN		SOPHOMORE			PRE-JUNIOR			JUNIOR			SENIOR	
Fall	Spring	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring
GenI Chem I CHEM1230 4hrs	GenI Chem II CHEM1240 4hrs	Org Chem I CHEM2410 3hrs	Org Chem II CHEM2420 3hrs	Co-op Experience CHEE 3940 0 hr	Adv Chem Elective 3 hrs	Co-op Experience CHEE 3940 0 hr	HUM/SS/MC Elective 3hrs	Co-op Experience CHEE 3940 0 hr	Adv Chem Elective 3hrs	Co-op Experience CHEE 3940 0 hr	Adv Sci Elective 3hrs	Deficiencies Minor Grad School
GenI Chem Lab I CHEM1280 1hrs	GenI Chem Lab II CHEM1290 1hrs	Org Chem Lab I CHEM2460 1hrs	Org Chem Lab II CHEM2470 1hrs		Physics II PHYS2140 5hrs		HUM/SS/MC Elective 3hrs		Tech Writing ENGL2950 3hrs		CHEE Engineering Elective 3 hrs	
Calc I MATH1850 4hrs	Calc II MATH1860 4hrs	Calc III MATH2850 4hrs	Heat Transfer CHEE3110 2hrs		Separations CHEE3030 3hrs		HUM/SS/MC Elective 3hrs		Engineering Elective 3hrs		Control CHEE3400 3hrs	
CHEE Orientation CHEE1000 3hrs	Prof. Develop CHEE1010 1hrs	Physics I PHYS2130 5hrs	Thermo II CHEE2330 3hrs		Mass Transfer CHEE3120 3hrs		Free Elective 3 hrs		Lab I CHEE4500 2 hrs		Design II CHEE4540 3hrs	
English Comp ENGL1110 3hrs	Mass & Energy CHEE2010 3hrs	Thermo I CHEE2230 3hrs	Fluid Mechanics CHEE2110 3hrs		Reactor Design CHEE3300 3hrs		CIVE 1150 or EECS 2340 3hrs		Engineering Elective 3hrs		Lab II CHEE4550 2 hrs	
	HUM/SS/MC Elective 3 hrs		Diff Equations MATH2860 3hrs						Design I CHEE4520 3 hrs		HUM/SS/MC Elective 3hrs	
15 hours	16 hours	16 hours	15 hours		17 hours		15 hours		17 hours		17 hours	

LEGEND

Math & Basic Science	Advanced Chemistry & Science	Humanities, Social Science & Multicultural	Engineering	Other
-------------------------	------------------------------------	--	-------------	-------