

Transfer 2.5-Year Plan

Commonly Transferred Course List – 3 semesters (54 course hours needed, 68 listed)

Course	s.h.	Course	s.h.
RHET:1030 Rhetoric	4	CHEM:1110 Principles of Chemistry I*	4
MATH:1550 Math I: Single Variable Calculus*	4	CHEM:1120 Principles of Chemistry II*	4
MATH:1560 Math II: Multivariable Calculus*	4	CHEM2210 or CHEM2230 Organic Chem I	3
MATH:2550 Math III: Matrix Algebra	2	ENGR:1100 Intro to Eng Problem Solving	3
MATH:2560 Math IV: Differential Equations	3	ENGR:1300 Intro to Engineering Computing	3
PHYS:1611 Intro Physics 1*	4	ENGR:2130 Thermodynamics**	3
Gen Ed: Be Creative	3	ENGR: 2720 Material Science	3
Gen Ed: Cultural Perspectives	3	CHEM2220 or CHEM2240 Organic Chem II	3
Gen Eds: (3 courses)	12	CHEM2410 or CHEM2420 Organic Chem Lab	3

*Must be taken within the 54 s.h. courses to qualify for this plan.

**Thermodynamics is a pre/co-req for several of these courses and must be taken by third year.

Second Year

Second Semester			
Offered	Course		s.h.
ALL	Course from list above		3
ALL	Course from list above		3
F	CBE:2105 Material and Energy Balances		3
S	CBE:3105 ChE Thermodynamics		3
S	CBE:3109 Fluid Flow		2
F/S	CBE:3000 CBE Professional Seminar		1
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Third Year

First Semester				Second Semester			
Offered	Course	s.h.		Offered	Course	s.h.	
F	CBE:2110 Computational Tools for ChEs	2		ALL	Statistic Elective (CBE:3020, STAT2020, STAT3510)	3	
F	CBE:3113 Heat and Mass Transfer	3		ALL	CBE:3120 Chemical Reaction Engineering	3	
F	CBE:3117 Separations	3		S	CBE:3150 Thermo/Transport Lab	3	
F	CBE:3125 Chemical Process Safety	3		S	CBE:3205 Intro to Biochemical Engineering	3	
F/S	CBE:3000 Professional Seminar	1		ALL	Elective: Focus Area	3	
				F/S	CBE:3000 Professional Seminar	1	
		15					16

Fourth Year

First Semester				Second Semester			
Offered	Course	s.h.		Offered	Course	s.h.	
F	CBE:3155 CRE/ Sep Lab	3			Course from list above	3	
F	CBE:4105 Process Dynamics & Control	3			Course from list above	3	
F	CBE:4109 ChemE Design I	2		F/S	Elective: Focus Area	3	
ALL	Elective: Advanced Chemistry CHEM3000+	3		S	CBE:4110 ChemE Process Design II	3	
ALL	Elective: Focus Area	3		ALL	Elective: Focus Area	3	
ALL	Elective: Focus Area	3		ALL	Elective: Advance Science	3	
F/S	CBE:3000 Professional Seminar	1		S	CBE:4195 Senior Enriching Activities Seminar	0	
		18					18