

B. S. Cooperative Degree in Engineering (3-2 Program for Chemical Engineers)

FRESHMAN YEAR			
Fall Semester		Spring Semester	
PHY 1000, Engineering Seminar	0	PHY 1000, Engineering Seminar	0
ENG 1001G, Composition	3	ENG 1002G, Literature	3
MAT 1441G, Calculus 1	5	MAT 2442, Calculus 2	5
CHM 1310G, Chemistry 1	3	CHM 1410, Chemistry 2	3
CHM 1315G, Chemistry 1 Lab	1	CHM 1415, Chemistry 2 Lab	1
Social and Behavioral (ECN 2801G)	3	Social and Behavioral (G)	3
	15		15
SOPHOMORE YEAR			
Fall Semester		Spring Semester	
PHY 1000, Engineering Seminar	0	PHY 1000, Engineering Seminar	0
MAT 2443, Calculus 3	4	MAT 3501, Differential Equations	3
CHM 2440, Organic Chemistry 1	4	PHY 1361, Thermo/Electricity/Magnetism	3
CHM 2445, Organic Lab	1	PHY 1362, Lab II	1
PHY 1351G, Mechanics	3	CHM 2310, Descriptive Inorganic Chemistry	3
PHY 1352G, Lab I	1	CHM 2840, Organic Chemistry 2	3
Social and Behavioral (G)	3	CHM 2845, Organic Chemistry 2 Laboratory	1
	16		14
JUNIOR YEAR			
PHY 1000, Engineering Seminar	0	CHM 2730: Quantitative Analysis	3
MAT 2170, Java	4	CMN 1310G, Speech Communication	3
PHY 1371, Waves/Sound/Optics/Modern	3	Scientific Awareness, Biological Sciences (G)	3
PHY 1372, Lab III	1		
Humanities (G)	3	Humanities or Fine Arts (G)	3
Fine Arts (G)	3		
	14		12
<p>*Social Science, Humanities, and Fine Arts courses should be selected in consultation with an advisor. ** All transfer students to UIUC must have completed the equivalent of the intermediate level (or 3 high school years) of a single foreign language with a grade of C or better. *** 3 submissions to the writing portfolio are also required. **** One (G) course must have a focus on cultural diversity. *****A total of 90 semester hours is required.</p>			
09-19-2008			