

B. S. in Engineering
Cooperative (Dual Degree) Option in Engineering
(3 years at EIU, followed by 2 years at UIUC or SIUC)

For all fields except Chemical

Option 1: Beginning with Calculus I

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
PHY 1351G, Mechanics	3	PHY 1361, Thermo/Electricity/Magnetism	3
PHY 1352G, Lab I	1	PHY 1362, Lab II	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
PHY 1371, Waves/Sound/Optics/Modern	3	CHM 1410, Chemistry 2	3
PHY 1372, Lab III	1	CHM 1415, Chemistry 2 Lab	1
CHM 1310G, Chemistry 1	3	PHY 3270, Circuit Analysis	4
CHM 1315G, Chemistry 1 Lab	1	CMN 1310G, Speech Communication	3
Social and Behavioral (G)	3		
	15		14
JUNIOR YEAR			
PHY 1000, Engineering Seminar	0	PHY 2400, Dynamics	3
MAT 2170, Java	4	MAT 2550, Linear Algebra	3
PHY 2390, Statics	3	Humanities or Fine Arts (G)	3
INT 2043, Engineering Graphics	3		
Fine Arts (G)	3	Scientific Awareness, Biological Sciences (G)	3
Humanities (G)	3	MAT 3502 or elective	3
	16		15
<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. *** 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