

UNIVERSITY of IL – Urbana/Champaign
Transfer Planning Guide – ENGINEERING MAJORS
 Use in tandem with the UIUC general transfer guide; 217/333-2280

JUNIOR LEVEL TRANSFER STUDENT (60 or more hours)

(see last page for sophomore level transfer student criteria)

- 1) All courses in **bold** must be completed prior to transfer; courses not in bold are recommended to be completed prior to transfer.
- 2) If time permits, also complete courses marked with an X on reverse side.
- 3) Technical GPA for Math, Physics and Chemistry courses must be a minimum of 3.0.

Major courses may be used to satisfy general education requirements provided they are on the appropriate general education list.

Required GPA: 3.0 (required GPA applies to both overall and technical)

MAJOR REQUIREMENTS	
courses in bold must be completed prior to transfer	
All Majors	CHM 121, 123 (CHM 123 is not required for Computer Engineering, Computer Science, Electrical, General or Nuclear Engineering) MTH 145, 146, 246 PHY 123, 124, 221 Computer programming course (see reverse side for recommendations based on major)
Specific Majors	See the Engineering program requirements chart on the reverse side. (Chemical and Biomolecular Engineering are majors in LAS)
UNIVERSITY REQUIREMENTS	
Composition I	(ENG 120 and (122 or 126)) OR (ENG 121 and (122 or 126))
Advanced Comp.	Must be taken at UIUC
Foreign Language	Students are required to complete through 2 years in high school or through the 2 nd semester in college of a single foreign language for admission . For graduation , students will need to complete through 3 years in high school or through the 3 rd semester in college. Eligible courses are listed on the Campus Wide list. Foreign language requirement for graduation is strongly encouraged before transfer.
GENERAL EDUCATION (18 hours required)	
see Campus Wide Gen Ed list for course options	
Humanities & the Arts (6hrs)	Historical & Philosophical Perspectives Literature & the Arts (courses may be selected from either or both areas)
Social & Behavioral Sciences (6hrs)	Social Sciences Behavioral Sciences (courses may be selected from either or both areas)
Cultural Studies (6hrs)	Non-Western or U.S. Minority Cultures Western/Comparative Cultures (courses must be selected from each area)

Six hours in the Cultural Studies area must be completed. They may be met by selecting courses that are identified in both the Cultural Studies and the Humanities & the Arts section. This option does not reduce the total general education requirement of 18 hours.

ENGINEERING PROGRAM REQUIREMENTS

(Chemical Engineering is located in the College of Liberal Arts & Sciences)

	BIO 161	CHM 125 or (222 and 223)	MTH 225	MTH 227	MTH 244	EGR 121	EGR 221	EGR 222	EGR 260 ¹	MCS 240	ECO 221 OR 222	Computer Programming	
												MCS 142 OR CIT 137* or CIT 141	MCS 140 or 141 or CIT 134* or 136*
Aerospace Engineering			X	X			X						
Agricultural & Biological Engineering²		X	X	X*		X	X	X			X		X
Bio- Engineering³	X	X		X									X
Civil & Environmental Engineering			X	X*		X	X	X			X		X
Computer Engineering				X*	X				X				
Computer Science					X					X		X	
Electrical Engineering				X*					X				
Engineering Mechanics						X	X	X					X
Engineering Physics				X									X
General Engineering			X	X		X	X	X	X		X		X
Industrial Engineering				X		X	X	X			X		X
Materials Science in Engineering		X	X	X									X
Mechanical Engineering				X			X	X					X
Nuclear, Plasma & Radiological Engineering				X			X	X					X

* Students may take MTH 227 at CLC in preparation for a 300 level Differential Equations course that must be taken at UIUC.

¹ Student will also take a lab course at UIUC for credit in ECE 110

² Major located in the College of Agriculture. Concentration in Food and Bio-Process Engineering within this major: take BIO 125 and CHM 125 or (222 and 223).

³ The Bioengineering Department does not accept transfer students. Students may take a Bioengineering minor while majoring in one of the other Engineering disciplines.

UNIVERSITY of IL – Urbana/Champaign
Transfer Planning Guide – ENGINEERING MAJORS

SOPHOMORE LEVEL TRANSFER STUDENT (30-59 hours)

(see previous pages for junior level transfer student admission criteria)

Sophomore level transfer students will be evaluated on the following criteria:

1. Grades in college
2. Courses in college; must have a minimum of 30 transferable hours completed by time of entry. Students should choose from the UIUC General Education course requirements in order to meet the 30-59 hours of transferable credit required.
3. High school academics - required to submit official high school transcripts. Specific high school coursework requirements can be viewed at http://www.oar.uiuc.edu/future/apply/requirements_freshman.html. (Note: 95% of 2009 admitted freshmen were in the top 25% of their class.)
4. ACT or SAT – official exam scores are required for students who do not have 30 graded hours of transferable credit at the time of application; scores are recommended for sophomore transfers who have 30-59 graded hours of college credit. (Note: 76% of 2009 admitted freshmen had an ACT score of 27 or higher.)
5. Admission Essays (See application.)

ADMISSION REQUIREMENTS for Sophomore level Engineering transfer students	
Transfer GPA	3.00 cumulative and technical (calculus, physics, and chemistry) GPA
Composition I	(ENG 120 and (122 or 126)) OR (ENG 121 and (122 or 126))
Calc I and II	MTH 145 + 146
1 year General Chemistry w/lab	CHM 121, 123 (Exceptions: Computer Engineering, Electrical Engineering, General Engineering, Nuclear Engineering, and Computer Science require only one semester of chemistry with a lab)
1 st course of Calc based Physics	PHY 123
Foreign Language	Students are required to complete through 2 years in high school or through the 2 nd semester in college of a single foreign language for <u>admission</u> . For <u>graduation</u> , students will need to complete through 3 years in high school or through the 3 rd semester in college. Eligible courses are listed on the Campus Wide list. (Note: For students with only 2 years of high school foreign language- we advise you to begin meeting your UIUC foreign language graduation requirement at CLC; you will need 3 semesters of college foreign language in order to graduate from UIUC.)

The College of Lake County Counseling Center produces this guide as an accommodation for students. Every effort is made to maintain accurate information; however, this information is subject to frequent change. Students should contact the four-year school to keep informed of changes, as final responsibility for verifying information rests with the student.

FOR MORE INFORMATION ON UIUC CONTACT
 Chris Patrick (or another counselor) Grayslake Counseling Center/C-110, 543-2060
 Transfer Guides can be viewed online at <http://www.clcillinois.edu/info/transfer>