

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

Use in tandem with the UIUC general transfer guide; 217/333-2280; [engineering@illinois.edu](mailto:engineering@illinois.edu)

### JUNIOR LEVEL TRANSFER STUDENT

**(60 or more hours completed by time student matriculates to UIUC)**

(see last page for sophomore level transfer student criteria)

**Please note:** Any transfer student who intends to complete a major, including a dual-degree, in the College of Engineering must apply and be admitted directly into Engineering at time of transfer to Illinois. Transfer students entering other colleges on campus are not eligible for later admission/transfer to the Pre-Engineering Program (PREP) or College of Engineering. No exceptions will be granted.

- 1) The COE currently admits transfer students for fall and spring terms; however **spring admission will be discontinued after Spring 2019.**
  - 2) **Courses being completed during the summer prior to fall admission will not be considered as part of the application review.**
  - 3) Applicants may select first and second choice majors, but are not able to list limited-capacity majors as both first and second choices. Aerospace, Computer Eng., Computer Science, Electrical, and Mechanical Engineering **are currently not available as second choice options.**
  - 4) For Junior level transfer complete as many courses and requirements listed below and courses marked with an X on the next page in order to have the most competitive application for admission.
  - 5) Transfer students **are not accepted** to the Bioengineering program (students may take a Bioengineering minor while majoring in one of the other Engineering disciplines). **Chemical and Biomolecular Engineering** is located in the College of Liberal Arts & Sciences. Sophomore level transfer is not available for **Computer Engineering, Computer Science, Electrical, and Mechanical Engineering.**
  - 6) See Engineering Transfer Handbook for more info: [http://admissions.illinois.edu/Content/docs/Handbook\\_ENG.pdf](http://admissions.illinois.edu/Content/docs/Handbook_ENG.pdf)
- Major courses may be used to satisfy general education requirements provided they are on the appropriate general education list.

**Required GPA: 3.0** (applies to both overall and technical) See page 2 for average admit GPA for each major.

<b>MAJOR REQUIREMENTS</b>	
<b>All Majors</b>	CHM 121; CHM 123 is required for the following programs of study: Agricultural & Biological Engineering, Civil Engineering, Engineering Mechanics, and Materials Science and Engineering. (Note: while completion of CHM 123 is not strictly required for Computer, Electrical, or Mechanical Engineering, it does provide one of the options of fulfilling a technical elective requirement); CHM 222 for Biological Engineering concentration only. MTH 145, 146, 246 PHY 123, 124, 221 (Exception: CS does not require PHY 221, but it is an option to fulfill the science elective. Mechanical Engineering students can choose PHY 221 or CHM 123 and must complete one before applying.) Liberal Elective Recommendation: ECO 221 for Agricultural & Bio Engineering; ECO 221 or 222 for Civil Engineering, Industrial Engineering, Mechanical Engineering, Nuclear, Plasma & Radiological Engineering, Systems Engineering and Design. Computer programming course (see page 2 for recommendations based on major).
<b>Specific Majors</b>	See the Engineering program requirements chart on page 2; Chemical and Biomolecular Eng. are majors in LAS)
<b>GENERAL EDUCATION</b>	
<b>Composition I</b>	(ENG 120 and (122 or 126)) OR (ENG 121 and (122 or 126))
Advanced Comp.	Must be taken at UIUC
<b>Foreign Language</b>	There is no language requirement for transfer admission. For graduation, students will need to complete through 3 years in high school or through the 3 <sup>rd</sup> semester in college. Eligible courses are listed on the Campus Wide Gen Ed list. It is strongly recommended that transfer applicants complete this graduation requirement prior to the term of enrollment at the University of Illinois. Students fluent in a language other than English may take a proficiency exam once on campus.
<b>Liberal Education Requirement</b>	
(includes campus Gen Education requirements in the humanities, social sciences, and cultural studies)	
Electives from the campus General Education Social and Behavioral Sciences list.	6
Electives from the campus General Education Humanities and the Arts list.	6
Electives either from a list approved by the college, or from the Gen Ed lists for Social & Behavioral Sciences or Humanities and the Arts.	6
Students must also complete the campus cultural studies requirement by completing (i) one western/comparative culture(s) course, (ii) one non-western culture(s) course, and (iii) one U.S. Minority Culture(s) course from the General Education cultural studies lists. <b>Most students select liberal education courses that simultaneously satisfy these cultural studies requirements.</b> Courses from the western, non-western, and U.S. Minority lists that fall into free electives or other categories may also be used satisfy the cultural studies requirements.	
<b>Total Hours</b>	<b>18</b>

FOR MORE INFORMATION ON UIUC CONTACT

Teresa Filicette, Dory Filiatreault, Nancy DeMuro or another Counselor Grayslake Counseling Center/A-124, 847-543-2060  
Transfer Guides can be viewed online at <http://www.clcillinois.edu/transferinfo>

## ENGINEERING PROGRAM REQUIREMENTS

**NOTE: Chemical and Biomolecular Engineering** is located in the College of Liberal Arts & Sciences. The Bioengineering Department does not accept off-campus transfer students (students may take a Bioengineering minor while majoring in one of the other Engineering disciplines). Sophomore level transfer is not available for **Computer Engineering, Computer Science, Electrical, and Mechanical Engineering.**

	Fall 2017 Overall Admit GPA	MTH 225	MTH 227 <sup>1</sup>	MTH 244	EGR 121	EGR 125 + 225	EGR 222	EGR 260 <sup>2</sup>	MCS 240	Computer Programming	
										MCS 142 OR CIT 137 or CIT 141	MCS 140 or 141 or CIT 134
<b>Aerospace Engineering</b>	3.89	X	X			X					
<b>Agricultural &amp; Biological Engineering</b>	3.76	X	X		X	X	For A.E. conc. only				X
<b>Civil Engineering</b>	3.81	X	X		X	X	X				X
<b>Computer Engineering</b>	3.85		X	X				X		R	
<b>Computer Science</b>	3.87	R		X					X	X	
<b>Electrical Engineering</b>	3.85		X	R				X		R	
<b>Engineering Mechanics</b>	3.91				X	X	X				X
<b>Engineering Physics</b>	3.77		X								X
<b>Industrial Engineering</b>	3.81		X		X	X	X	X			X
<b>Material Science and Engineering</b>	3.73	X	X								X
<b>Mechanical Engineering</b>	3.88		X		X	X	X				X
<b>Nuclear, Plasma &amp; Radiological Engineering</b>	3.69		X			X					X
<b>Systems Engineering and Design<sup>3</sup></b>	3.76		X		X	X	X	X			X

R= strongly recommended for fall 2019 and required for fall 2020 admission

<sup>1</sup> UIUC accepts CLC's MTH 227 to fulfill their MATH 285 requirement (the direct equivalent to MTH 227 is MATH 284 which will substitute for MATH 285 upon transfer).

<sup>2</sup> Student will also take a lab course at UIUC for credit in ECE 110

<sup>3</sup> General Engineering was renamed to Systems Engineering and Design.

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**SOPHOMORE LEVEL TRANSFER STUDENT**  
**(30-59 hours completed by time student matriculates to UIUC)**

**NOTE: Chemical and Biomolecular Engineering** is located in the College of Liberal Arts & Sciences. The Bioengineering Department does not accept off-campus transfer students (students may take a Bioengineering minor while majoring in one of the other Engineering disciplines). \***Sophomore level transfer is not available for Computer Engineering, Computer Science, Electrical, Mechanical Engineering.**

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

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

1. 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.
2. Official high school transcripts are required for graduation verification. If transferring with less than 30 hours, high school transcripts will be evaluated along with college coursework.
3. 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.
4. Admission Essay (See essay prompt here: <http://admissions.illinois.edu/Apply/Transfer/essay> )
5. Sophomore transfer admission preference will be given to students who would have been admitted as freshmen applicants.

<b>ADMISSION REQUIREMENTS</b> for Sophomore level <b>Engineering</b> transfer students.	
Minimum Transfer GPA	3.00 cumulative and technical (calculus, physics, and chemistry) GPA. <u>See page 2 for average admit GPA for each major.</u>
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  CHM 123 is required only for the following programs of study: Agricultural & Biological Engineering, Civil Engineering, Engineering Mechanics, and Materials Science and Engineering.
1 <sup>st</sup> course of Calc based Physics	PHY 123
Liberal Electives Rec:	ECO 221 for Agricultural & Biological Engineering; ECO 221 or 222 for Civil Engineering, Industrial Engineering, Mechanical Engineering, Nuclear, Plasma & Radiological Engineering, Systems Engineering and Design
Foreign Language	There is no language requirement for transfer <u>admission</u> . For <u>graduation</u> , students will need to complete through 3 years in high school or through the 3 <sup>rd</sup> semester in college. Eligible courses are listed on the Campus Wide Gen Ed list. It is strongly recommended that transfer applicants complete this graduation requirement prior to the term of enrollment at the University of Illinois. Students fluent in a language other than English may take a proficiency exam once on campus.

**This transfer guide is designed to assist students with their academic planning. Every effort is made to maintain accurate information; however, this information is subject to frequent change. Students should contact the member institution to keep informed of changes, as final responsibility for verifying information rests with the student.**

FOR MORE INFORMATION ON UIUC CONTACT

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