UNIVERSITY OF ILLINOIS
College of Engineering

Qualified students are invited to apply for transfer admission to the College of Engineering. Please note:

The Bioengineering Program of Study is currently NOT available to off-campus transfer students.

The Chemical Engineering Program of Study is administered by the College of Liberal Arts & Sciences.

Transfer applicants are considered, on a space available basis, for the following Programs of Study:
Aerospace Engineering
Agricultural and Biological Engineering
Civil Engineering
Computer Engineering
Computer Science
Electrical Engineering
Engineering Mechanics
Engineering Physics
Industrial Engineering
Materials Science and Engineering
Mechanical Engineering
Nuclear, Plasma, and Radiological Engineering
Systems Engineering and Design

Admission to the College of Engineering is competitive and not all qualified applicants are accepted. Each application is evaluated utilizing a holistic review process with consideration given to overall GPA, performance in technical coursework, academic rigor, essay(s), relevant activities and work experience. For students with fewer than 30 graded hours of coursework, high school transcripts and ACT/SAT scores are also used in the review process. **Courses being completed over the summer prior to fall admission will not be considered as part of the application review.** Second degree applications are accepted, however, students applying for first degrees receive priority in limited capacity majors.

It is generally expected that applicants will have a minimum of **3.00/4.00** overall GPA but admission to specific majors may be significantly more competitive during any given admission cycle.

Overall GPA: Admitted Student Average by Major, Fall 2017

Aerospace Engineering, **3.80**
Agricultural and Biological Engineering, **3.60**
Civil Engineering, **3.70**
Computer Engineering, **3.70**
Computer Science, **3.80**
Electrical Engineering, **3.70**
Engineering Mechanics, **3.60**
Engineering Physics, **3.70**
Industrial Engineering, **3.70**
Materials Science and Engineering, **3.70**
Mechanical Engineering, **3.90**
Nuclear, Plasma, and Radiological Engineering, **3.60**
Systems Engineering and Design, **3.50**

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Applicants should demonstrate mastery of subject matter by earning a B or better (3.00/4.00) in required courses. Furthermore, the College of Engineering looks for academic rigor in a student's schedule. Competitive applicants will typically complete 2-3 technical courses in their first semester and 3-4 technical courses each semester thereafter. If not able to complete a required course (i.e., the course is not available at your current institution) this should be addressed in the Q & A section of the application. Transfer course information is available at http://www.transferology.com/.

The application allows for selection of a first and second choice major. Students are not able to list limited capacity majors as both first and second choices (i.e., Computer Science and Computer Engineering). **Aerospace Engineering, Computer Engineering, Computer Science, Electrical Engineering, and Mechanical Engineering are currently not available as second choice options.** The College of Engineering admits transfer students for both fall and spring terms. Applicants applying for limited capacity majors are encouraged to do so by the priority application deadline, when available.

At this time, the highly requested majors of Aerospace Engineering, Computer Engineering, Computer Science, Electrical Engineering, and Mechanical Engineering are closed to sophomore level transfer. Students applying for sophomore level transfer to Agricultural and Biological Engineering should consult the College of ACES section of the Transfer Handbook.

Admission is not guaranteed and depends upon the strength of the applicant pool and space available.

For sophomore level transfer: to be eligible for sophomore level admission, applicants are required to complete transfer coursework equivalent to the following University of Illinois courses noted in ***bold, red italics*** below.

Required Courses:

RHET 105, Writing and Research[1]
CHEM 102 and CHEM 103, General Chemistry I and General Chemistry Lab I
CHEM 104 and CHEM 105, General Chemistry II and General Chemistry Lab II[2]
MATH 220, Calculus OR MATH 221, Calculus I
MATH 231, Calculus II
PHYS 211, University Physics: Mechanics

Recommended Course:

ECON 102, Microeconomic Principles or ECON 103, Macroeconomic Principles

For junior level transfer: to be eligible for junior level admission, applicants must have **all sophomore level requirements completed** and as much additional transfer coursework, equivalent to the University of Illinois courses noted in the transfer chart, as possible. Applicants with all required courses completed will be given priority.

As part of graduation requirements, students in the College of Engineering must complete a Language Other Than English (LOTE), either in high school or college, through the third level. While there is no longer a language requirement for transfer admission, it is strongly recommended that students fulfill LOTE prior to their first term of enrollment at Illinois. Not doing so may result in an increase in time to degree completion.

[1] At most institutions, the equivalent requires a two-course English composition sequence.
[2] Required only for the following programs of study: Agricultural & Biological Engineering, Civil Engineering, Engineering Mechanics, and Materials Science and Engineering.

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For junior level transfer: to be eligible for junior level admission, applicants must have all **sophomore level prerequisites completed** and as much additional transfer coursework, equivalent to the University of Illinois courses noted below, as possible. **Please refer to the previous pages for the list of courses required for sophomore level transfer.** Applicants with all required courses completed will be given priority.

x = required courses

	Calculus III (MATH 241)	Introductory Matrix Theory (MATH 225)	Intro Differential Systems (MATH 284, 285 or 286)	University Physics: Elec & Mag (PHYS 212)	Univ Physics: Thermal Physics (PHYS 213)	Univ Physics: Quantum Physics (PHYS 214)	Statics (TAM 211)[1]	Introductory Dynamics (TAM 212)	Intro to Solid Mechanics (TAM 251)	Intro to Computing: Engrg & Sci (CS 101)	Intro to Computer Science (CS 125)	Discrete Structures (CS 173 or MATH 213)	Data Structures (CS 225)	Introduction to Electronics ECE 110)
Aerospace Engineering[2]	x	x	x	x	x		x	x						
Agricultural & Biological Engineering	x	x	x	x	x		x	x		x				
Civil Engineering	x	x	x	x	x		x	x	x	x				
Computer Engineering	x		x	x	x	x						x	x	x
Computer Science	x			x							x	x	x	
Electrical Engineering	x		x	x	x	x								x
Engineering Mechanics	x			x	x	x	x	x	x	x				
Engineering Physics	x		x	x	x	x				x				
Industrial Engineering	x		x	x	x		x	x	x	x				
Material Science and Engineering	x	x	x	x		x				x				
Mechanical Engineering[3]	x		x	x			x	x	x	x				
Nuclear, Plasma, & Radiological Engineering	x		x	x		x	x	x		x				
Systems Engineering and Design	x		x	x	x		x	x	x	x				x

[1] Aerospace Engineering, Agricultural & Biological Engineering, Mechanical Engineering, and Nuclear, Plasma, & Radiological Engineering: students may elect to take TAM 210 or TAM 211.

[2] While not strictly required, CS 101 or CS 125 may be applied toward technical electives for Aerospace Engineering.

[3] In addition to the specific courses noted in the chart, students need to complete one of the following as a science elective: CHEM 104 and 105 or PHYS 213 and 214.

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Students are encouraged to make additional progress toward degree completion by taking other courses required by their desired Program(s) of Study.

Aerospace Engineering: http://catalog.illinois.edu/undergraduate/engineer/departments/aero/

Agricultural and Biological Engineering:
http://catalog.illinois.edu/undergraduate/engineer/departments/ag-bio-engin/

Civil Engineering: http://catalog.illinois.edu/undergraduate/engineer/departments/civil/

Computer Engineering: http://catalog.illinois.edu/undergraduate/engineer/departments/electrical-computer-engin/computer-engineering-major/

Computer Science: http://catalog.illinois.edu/undergraduate/engineer/departments/comp-sci/

Electrical Engineering: http://catalog.illinois.edu/undergraduate/engineer/departments/electrical-computer-engin/electrical-engineering-major/

Engineering Mechanics:
http://catalog.illinois.edu/undergraduate/engineer/departments/mech-engin/engin-mech/

Engineering Physics: http://catalog.illinois.edu/undergraduate/engineer/departments/engin-physics/

Industrial Engineering:
http://catalog.illinois.edu/undergraduate/engineer/departments/ind-gen-engin/ind-engin/

Materials Science and Engineering:
http://catalog.illinois.edu/undergraduate/engineer/departments/mtse/

Mechanical Engineering: http://catalog.illinois.edu/undergraduate/engineer/departments/mech-engin/bs-mechanical-engineering/

Nuclear, Plasma, and Radiological Engineering:
http://catalog.illinois.edu/undergraduate/engineer/departments/npre/

Systems Engineering and Design:
http://catalog.illinois.edu/undergraduate/engineer/departments/ind-gen-engin/gen-engin/

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