

**Grainger College of Engineering**  
**University of Illinois Urbana-Champaign**

[Engineeringtransfers@illinois.edu](mailto:Engineeringtransfers@illinois.edu)

**DETAILED PROGRAM INFORMATION FOR ALL ENGINEERING SPECIALIZATIONS  
 IS LOCATED AFTER THE ARTICULATION CHART**

Course Articulation

Source: [Transferology](#) / August 2023

UIUC Course	UIUC Title	BHC Course	BHC Title
CHEM 102 + CHEM 103	General Chemistry I + General Chemistry Lab I ( <i>take both</i> )	CHEM 101	General Chemistry I
CHEM 104 + CHEM 105	General Chemistry II + General Chemistry Lab II ( <i>take both</i> )	CHEM 102	General Chemistry II
CHEM 232 + CGEN 233	Organic Chem I	CHEM 203	Organic Chemistry I
CHEM 236	Fundamental Organic Chem I	<i>No equivalent</i>	
ACE 161	Microcomputer Applications [recommended for MS Office skills]	CS 100 or AG 289	Intro to Computers [ <i>MS Office skills</i> ] or Microcomputer Skills for AGRI
CS 101	Intro Computing: Engineering & Science	CIP 250	Java Programming Fundamentals
CS 124	Intro to Computer Science I	CS 121	Intro to Computer Science
CS 128	Intro to Computer Science II	CS 225	Computer Science II
CS 173	Discrete Structures	MATH 161	Discrete Mathematics
CS 225	Data Structures	CS 252	Data Structures
ECE 110	Introduction to Electronics	<i>No equivalent</i>	
ECE 205	Electrical and Electronic Circuits	<i>No equivalent</i>	
ECE 220	Computer Systems & Programming	<i>No equivalent</i>	
ECON 102	Microeconomics Principles	ECON 222	Principles of Microeconomics
ECON 103	Macroeconomics Principles	ECON 221	Principles of Macroeconomics
MATH 213	Basic Discrete Mathematics	MATH 161	Discrete Mathematics
MATH 220	Calculus	MATH 124	Calculus I with Analytic Geometry
MATH 221	Calculus I	<i>No equivalent; take MATH 124</i>	
MATH 225	Introductory Matrix Theory	MATH 230	Linear Algebra
MATH 231	Calculus II	MATH 225	Calculus II with Analytic Geometry

MATH 241	Calculus III	MATH 226	Calculus III with Analytic Geometry
MATH 257	Linear Algebra with Computational Applications	<i>No equivalent</i>	
MATH 284	Intro Differential Systems	MATH 235	Differential Equations
MATH 285	Intro Differential Equations	<i>No equivalent</i>	
MATH 286	Intro to Differential Eq Plus	<i>No equivalent</i>	
MATH 415	Applied Linear Algebra <i>(available after transfer)</i>	<i>No equivalent</i>	
MCB 150 + MCB 151	Molecular and Cellular Basis of Life	BIOL 105	General Biology I
ME 170	Computer-Aided Design	GE 101	Engineering Graphics and Geometry
ME 200	Thermodynamics	<i>No equivalent</i>	
MSE 182	Introduction to MatSE	<i>No equivalent</i>	
MSE 206	Mechanics for MatSE	<i>No equivalent</i>	
PHYS 211	University Physics: Mechanics	PHYS 201	Mechanics and Thermal Physics
PHYS 212	University Physics: Elec & Mag	PHYS 202	Electricity and Magnetism
PHYS 213	University Physics: Thermal Physics	<i>No equivalent (see combined PHYS articulation below)</i>	
PHYS 214	University Physics: Quantum Physics	PHYS 214	Modern Physics
PHYS 211 + PHYS 212 + PHYS 213 + PHYS 214	<i>PHYS Combined articulation</i>	PHYS 201 + PHYS 202 + PHYS 214 <i>(take three courses)</i>	Mechanics and Thermal Physics + Electricity and Magnetism + Modern Physics
PSYC 100	Introduction to Psychology	PSYC 101	Intro to Psychology
RHET 105	Writing and Research	ENG 101 + ENG 102 <i>(take both)</i>	Composition I + Composition II
SE 101	Engineering Graphics and Design	Take GE 101	Engineering Graphics and Geometry
TAM 210	Introduction to Statics	<i>No equivalent</i>	
TAM 211	Statics	GE 201	Analytical Mechanics Statics
TAM 212	Introductory Dynamics	GE 202	Analytical Mechanics Dynamics
TAM 251	Intro to Solid Mechanics	GE 205	Elementary Mechanics of Deformable Bodies
Language Other Than English (LOTE)	To meet <u>graduation</u> requirements complete LOTE, in high school or college, through the third level	Through SPAN 201	Intermediate Spanish I

**SEE NEXT PAGE FOR DETAILED PROGRAM INFORMATION  
FOR ALL ENGINEERING SPECIALIZATIONS**



## **UNIVERSITY OF ILLINOIS** **The Grainger College of Engineering**

The Transfer Handbook is intended as a guide for students transferring to Illinois from another institution. To prepare the strongest application possible, review the information provided carefully.

**Please note:** Any transfer student interested in completing a major, including a dual degree, in The Grainger College of Engineering must apply and be admitted directly into the college at time of transfer. Transfer students entering other colleges on campus are not eligible for later admission/on-campus transfer to Grainger Engineering, including Engineering Undeclared. No exceptions will be granted.

### **Overview**

The Grainger College of Engineering invites qualified students to apply for transfer admission.

Transfer applicants are considered, **for fall term admission only**, for the following Programs of Study:

#### **May be listed as first or second choice**

Aerospace Engineering  
Agricultural and Biological Engineering  
Bioengineering  
Civil Engineering  
Engineering Mechanics  
Environmental Engineering  
Industrial Engineering  
Materials Science and Engineering  
Neural Engineering  
Nuclear, Plasma, and Radiological Engineering  
Physics  
Systems Engineering and Design

#### **May be listed as first choice only**

Computer Engineering  
Computer Science  
Computer Science + Bioengineering  
Computer Science + Physics  
Electrical Engineering  
Mechanical Engineering

The College of Liberal Arts & Sciences (LAS) administers the Chemical Engineering Program of Study.

Admission to Grainger Engineering is competitive, and not all qualified applicants are accepted. Each application is evaluated utilizing a holistic review process with consideration given to:

- overall and technical GPAs
- prerequisite/technical coursework completed
- academic rigor
- essay(s)
- activities and work experience
- high school transcripts and test scores<sup>1</sup> – for applicants with fewer than 36 graded, transferable semester hours of college coursework, post high-school completion, at the time of application

Applications for second bachelor's degree are accepted; however, applicants seeking a first bachelor's degree receive priority in limited-capacity majors.

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<sup>1</sup> UIUC is a test-optional institution. You are not required to submit ACT/SAT scores, but are welcome to do so if you choose.

## Required Coursework

All applicants must have transfer coursework equivalent to the University of Illinois courses listed below **completed prior to application**. Courses in progress do not satisfy this requirement. Courses being completed the summer after application will not be considered as part of the admissions review.

- 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 (if required)<sup>1</sup>  
**MATH 220**, Calculus **or** **MATH 221**, Calculus I  
**MATH 231**, Calculus II  
**MATH 241**, Calculus III  
**PHYS 211**, University Physics: Mechanics  
**PHYS 212**, University Physics: Electricity & Magnetism  
**One of the following, as recommended by the Program of Study (see transfer chart):**
- **CS 101**, Intro Computing: Engineering & Science, **or**
  - **CS 124**, Intro to Computer Science I, **or**
  - **ECE 110**, Introduction to Electronics, **or**
  - **MCB 150**, Molecular and Cellular Basis of Life, **or**
  - **SE 101**, Engineering Graphics and Design, **or**
  - **ME 170**, Computer-Aided Design

The most up-to-date course articulation information is available on [www.transferology.com](http://www.transferology.com).

## Academic Expectations

The courses listed above are the **minimum** requirements for admission consideration. See transfer chart and general education information on pages 3 and 4 for additional course recommendations.

Schedule planning is important. Successful applicants will demonstrate course progression and rigor consistent with the suggested sequences for the major(s) selected. This includes ensuring prerequisite courses are completed in the appropriate terms and taking a minimum number of technical courses (3-4) and credit hours (15+) each semester. **Applicants should have all required coursework and at least one semester with 4 technical courses and 15+ credit hours completed prior to applying.**

All applicants are expected to demonstrate mastery of subject matter by earning a B or better (3.0/4.0) in each required/technical course. Grades lower than a B should be repeated prior to application.

It is generally expected applicants will have a minimum of **3.00 (A = 4.00)** overall GPA, but admission to specific majors may be significantly more competitive during any given admission cycle. For fall 2022, the average transfer GPA for admitted students was 3.86 with the middle 50% of GPAs ranging from 3.78–4.00.

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<sup>1</sup> CHEM 104/105 is required for applicants to Agricultural & Biological Engineering, Bioengineering, Civil Engineering, Engineering Mechanics, Environmental Engineering, Materials and Science Engineering, and Neural Engineering. For other majors, it serves as a technical, science, or free elective but is not strictly required for admission consideration. However, a full year of chemistry may be needed, regardless of major, depending on course transferability from your current institution. Check [www.transferology.com](http://www.transferology.com).

## **General Education**

Applicants are encouraged to make progress on the following general education courses when possible:  
<https://courses.illinois.edu/gened>

### **Language Other Than English (LOTE)<sup>1</sup>**

### **Composition I<sup>2</sup>**

### **Humanities & the Arts (6 hours)**

### **Social & Behavioral Sciences (6 hours)**

For Agricultural and Biological Engineering, Civil Engineering, Industrial Engineering, Mechanical Engineering, Nuclear, Plasma, and Radiological Engineering, or Systems Engineering & Design:

- Complete ECON 102, Microeconomic Principles **or** ECON 103, Macroeconomic Principles.

For Neural Engineering:

- Complete PSYC 100, Introduction to Psychology + 6 hours of Social & Behavioral Sciences.

For Environmental Engineering:

- Complete ECON 102, Microeconomic Principles.

For Bioengineering or Pre-Med interest:

- PSYC 100, Introduction to Psychology is recommended.

### **Cultural Studies<sup>3</sup>**

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<sup>1</sup> To satisfy graduation requirements, students in Grainger Engineering must complete a Language Other Than English (LOTE), either in high school or college, through the third level.

<sup>2</sup> Comp I: At most institutions the equivalent requires a two-course sequence transferring as RHET 105, ESL 115, or UCI and UCII.

<sup>3</sup> One course each: Western/Comparative Cultures, Non-Western Cultures, and US Minority Cultures. If coursework is carefully selected, the Cultural Studies gen eds can be fulfilled while completing the other categories.

<b>Transfer Chart</b>		<i>Intro Differential Equations (MATH 284, 285, or 286)</i>	<i>Linear Algebra (see Additional Major Info)</i>	<i>Univ Physics: Thermal Physics (PHYS 213)</i>	<i>Univ Physics: Quantum Physics (PHYS 214)</i>	<i>Thermodynamics (ME 200)</i>	<i>Statics (TAM 211) <sup>1</sup></i>	<i>Introductory Dynamics (TAM 212)</i>	<i>Intro to Solid Mechanics (TAM 251)</i>	<i>Intro to Computing/Intro to CS I (CS 101 or CS 124)</i>	<i>Intro to Computer Science I (CS 124)</i>	<i>Discrete Structures (CS 173 or MATH 213)</i>	<i>Data Structures (CS 225)</i>	<i>Engineering Graphics &amp; Design (ME 170 or SE 101)</i>	<i>Electrical and Electronic Circuits (ECE 110)</i>	<i>Molecular &amp; Cellular Basis of Life (MCB 150)</i>	<i>Organic Chemistry I (CHEM 232 or CHEM 236)</i>
Aerospace Engineering		X	X			X	X	X						X			
Agricultural & Biological Engineering		X	X				X	X					X		X		
Bioengineering		X							X							X	X
Civil Engineering		X	X	X			X	X	X				X				
Computer Engineering		X	X	X	X					X	X	X	X		X		
Computer Science <sup>2</sup>			X							X	X	X	X				
Computer Science + Bioengineering <sup>2</sup>		X	X							X	X	X	X			X	
Computer Science + Physics <sup>2</sup>		X	X	X	X					X	X	X	X				
Electrical Engineering		X	X	X	X					X	X	X	X		X		
Engineering Mechanics		X	X	X	X	X	X	X	X					X		X	
Environmental Engineering		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		
Mechanical Engineering <sup>3</sup>		X	X			X	X	X	X				X		X		
Neural Engineering		X							X							X	X
Nuclear, Plasma, & Radiological Engineering		X	X			X	X	X							X		
Physics		X	X	X	X				X								
Systems Engineering and Design		X	X	X			X	X	X				X	X			

<sup>1</sup> Aerospace Engineering, Mechanical Engineering and Nuclear, Plasma & Radiological Engineering: students may elect to take TAM 210 or 211.  
<sup>2</sup> Students interested in Computer Science, CS + Bioengineering, or CS + Physics are expected to have formal coursework covering at least 2 out of 3 of the following programming languages: Java, C++, Python. This may require completion of an additional course(s) not specifically noted in the chart above.  
<sup>3</sup> In addition to the specific courses noted in the chart, students must complete one of the following as a science elective: CHEM 104 & 105 **-OR-** PHYS 213 & 214. If Chemistry is selected, it needs to be completed prior to application.

**CONTACT INFORMATION** Transfer Programs, The Grainger College of Engineering, 210 Engineering Hall, 1308 West Green Street, Urbana, IL 61801 Phone: (217) 333-2280 Email: [engineeringtransfers@illinois.edu](mailto:engineeringtransfers@illinois.edu)

## **Additional Major Information**

In addition to the courses noted in the Transfer Chart, applicants should review the information below and are strongly 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/engineering/aerospace-engineering-bs/>

Linear Algebra: MATH 225, MATH 257, or MATH 415 may be used to satisfy the requirement.

Skills: Familiarity with Python and MATLAB recommended.

Courses: ECE 110 may be substituted for ECE 205, if the course is not available.

### **Agricultural and Biological Engineering**

[http://catalog.illinois.edu/undergraduate/eng\\_aces/agricultural-biological-engineering-bs/](http://catalog.illinois.edu/undergraduate/eng_aces/agricultural-biological-engineering-bs/)

Linear Algebra: MATH 257 may be used to satisfy the requirement.

Skills: Familiarity with Python recommended.

Concentrations: After transfer, students will declare a concentration within the major in either Agricultural Engineering or Biological Engineering.

### **Bioengineering**

<http://catalog.illinois.edu/undergraduate/engineering/bioengineering-bs/>

Skills: Familiarity with MATLAB recommended.

Courses: Due to the specialized nature of the curriculum, a minimum of five semesters of enrollment (fall/spring terms) at UIUC is required. Students enrolling without credit for MCB 150, Molecular & Cellular Basis of Life should anticipate eight semesters on campus due to course sequencing.

Track Electives: After transfer, students will declare a track area within the major. Current options include Biomechanics, Cell and Tissue Engineering, Therapeutics Engineering, Computational and Systems Biology, or Imaging and Sensing.

### **Civil Engineering**

<http://catalog.illinois.edu/undergraduate/engineering/civil-engineering-bs/>

Linear Algebra: MATH 225, MATH 257, or MATH 415 may be used to satisfy the requirement.

Skills: Familiarity with Python and MATLAB recommended.

Primary and Secondary Fields: After transfer, students will declare either a primary and secondary field or the General Civil Engineering Option within the major. Current primary field options include Construction Engineering and Management, Construction Materials Engineering, Environmental Engineering, Geotechnical Engineering, Structural Engineering, Transportation Engineering, Water Resources Engineering and Science, Energy-Water-Environment Sustainability, Societal Risk and Hazard Mitigation, or Sustainable and Resilient Infrastructure Systems.

**CONTACT INFORMATION** Transfer Programs, The Grainger College of Engineering, 210 Engineering Hall, 1308 West Green Street, Urbana, IL 61801 Phone: (217) 333-2280 Email: [engineeringtransfers@illinois.edu](mailto:engineeringtransfers@illinois.edu)

### **Computer Engineering**

<http://catalog.illinois.edu/undergraduate/engineering/computer-engineering-bs/>

Linear Algebra: MATH 257 or MATH 416 may be used to satisfy the requirement.

Skills: Familiarity with Python recommended.

Courses: ECE 205 may be substituted for ECE 110, if the course is not available. CS 124 + CS 128 may be substituted for ECE 220 if the full sequence of CS 124 + CS 128 + CS 173/MATH 213 + CS 225 is completed prior to transfer. Beginning Fall 2024, MATH 284 will be permitted as a substitution for MATH 285 only when a grade of B or higher is earned in ECE 210 at UIUC.

### **Computer Science + Bioengineering**

<http://catalog.illinois.edu/undergraduate/engineering/computer-science-bioengineering-bs/>

Linear Algebra: MATH 257 may be used to satisfy the requirement.

Skills: Familiarity with Python, Java, and C++ recommended.

Courses: Students are expected to have formal coursework covering at least two out of three of the recommended programming languages. This may require completion of an additional course(s) not specifically noted in the Transfer Chart. If your course titles do not display the programming languages covered, you should address how the requirement has been satisfied in the application essays. Self-study is difficult to gauge on the application and is not accepted as formal coursework.

If you have not earned credit for the science/math foundation courses required for Grainger Engineering, you are encouraged to explore CS+X options in other UIUC colleges instead.

### **Computer Science + Physics**

<http://catalog.illinois.edu/undergraduate/engineering/computer-science-physics-bs/>

Linear Algebra: MATH 257 may be used to satisfy the requirement.

Skills: Familiarity with Python, Java, and C++ recommended.

Courses: Students are expected to have formal coursework covering at least two out of three of the recommended programming languages. This may require completion of an additional course(s) not specifically noted in the Transfer Chart. If your course titles do not display the programming languages covered, you should address how the requirement has been satisfied in the application essays. Self-study is difficult to gauge on the application and is not accepted as formal coursework.

If you have not earned credit for the science/math foundation courses required for Grainger Engineering, you are encouraged to explore CS+X options in other UIUC colleges instead.

### **Computer Science**

<http://catalog.illinois.edu/undergraduate/engineering/computer-science-bs/>

Linear Algebra: MATH 225, MATH 257, MATH 415, or MATH 416 may be used to satisfy the requirement.

Skills: Familiarity with Python, Java, and C++ recommended.

Courses: Students are expected to have formal coursework covering at least two out of three of the recommended programming languages. This may require completion of an additional course(s) not specifically noted in the Transfer Chart. If your course titles do not display the programming languages covered, you should address how the requirement has been satisfied in the application essays. Self-study is difficult to gauge on the application and is not accepted as formal coursework.

If you have not earned credit for the science/math foundation courses required for Grainger Engineering, you are encouraged to explore CS+X options in other UIUC colleges instead.

### **Electrical Engineering**

<http://catalog.illinois.edu/undergraduate/engineering/electrical-engineering-bs/>

Linear Algebra: MATH 257 or MATH 416 may be used to satisfy the requirement.

Skills: Familiarity with Python recommended.

Courses: ECE 205 may be substituted for ECE 110, if the course is not available. CS 124 + CS 128 may be substituted for ECE 220 if the full sequence of CS 124 + CS 128 + CS 173/MATH 213 + CS 225 is completed prior to transfer. Beginning Fall 2024, MATH 284 will be permitted as a substitution for MATH 285 only when a grade of B or higher is earned in ECE 210 at UIUC.

### **Engineering Mechanics**

<http://catalog.illinois.edu/undergraduate/engineering/engineering-mechanics-bs/>

Linear Algebra: MATH 257 may be used to satisfy the requirement.

Skills: Familiarity with Python, Fusion 360, and Microsoft Office (Word, Excel, PowerPoint) recommended.

Courses: MATH 284, 285, or 286 may be substituted for MATH 441 if a grade of A is earned.

Secondary Field Option Electives: After transfer, students will declare a secondary field within the major. Current options include Biomechanics, Computational Mechanics, Engineering Science and Applied Mathematics, Experimental Mechanics, Fluid Mechanics, Mechanics of Materials, or Solid Mechanics.

### **Environmental Engineering**

<http://catalog.illinois.edu/undergraduate/engineering/environmental-engineering-bs/>

Linear Algebra: MATH 257 or MATH 415 may be used to satisfy the requirement.

Skills: Familiarity with Python and MATLAB recommended.

Courses: Due to the number of mandatory courses in the curriculum that are unlikely to have transferable equivalents, a minimum of five semesters of enrollment (fall/spring terms) at UIUC should be expected.

Primary Field: After transfer, students will choose one of five primary fields within the major. Current options include Energy & Environmental Sustainability, Climate & Environmental Sustainability, Water Systems & Sustainability, Public Health Engineering, or One Water.

### **Industrial Engineering**

<http://catalog.illinois.edu/undergraduate/engineering/industrial-engineering-bs/>

Linear Algebra: MATH 257 or MATH 415 may be used to satisfy the requirement.

Skills: Familiarity with Python recommended.

Track Option Electives: After transfer, students will declare a track option within the major. Current options include Computational Methods in IE, Economics and Finance, Human Factors, Industrial Engineering Fundamentals, Operations Research, Quality Engineering, or Supply Chain, Manufacturing and Logistics.

### **Materials Science and Engineering**

<http://catalog.illinois.edu/undergraduate/engineering/materials-science-engineering-bs/>

Linear Algebra: MATH 257 may be used to satisfy the requirement. MATH 225 or MATH 415 may be considered if MATH 257 is not available at your current institution.

Skills: Familiarity with Python recommended.

Courses: ECE 110 may be substituted for ECE 205, if the course is not available. MSE 182 is satisfied by completing two hours of technical electives not applied to another requirement. TAM 210/211 + TAM 251 may be substituted for MSE 206.

Technical Elective Areas: After transfer, students will declare an elective area within the major in either Biomaterials or All Other Areas. Laboratory Studies and Topical Lecture selections permit further customization.

### **Mechanical Engineering**

<http://catalog.illinois.edu/undergraduate/engineering/mechanical-engineering-bs/>

Linear Algebra: MATH 257 may be used to satisfy the requirement.

Skills: Familiarity with Python, Fusion 360, and Microsoft Office (Word, Excel, PowerPoint) recommended.

Courses: Completion of a science elective is required prior to transfer: CHEM 104/105 or PHYS 213/214. If Chemistry is selected, the course needs to be completed prior to application.

### **Neural Engineering**

<http://catalog.illinois.edu/undergraduate/engineering/neural-engineering-bs/>

Skills: Familiarity with MATLAB recommended.

Courses: Due to the specialized nature of the curriculum, a minimum of six semesters of enrollment (fall/spring terms) at UIUC is required. Students enrolling without credit for MCB 150, Molecular & Cellular Basis of Life should anticipate eight semesters on campus due to course sequencing.

### **Nuclear, Plasma, and Radiological Engineering**

<http://catalog.illinois.edu/undergraduate/engineering/nuclear-plasma-radiological-engineering-bs/>

Linear Algebra: MATH 257 or MATH 415 may be used to satisfy the requirement.

Skills: Familiarity with Python recommended.

Courses: MATH 284 will be permitted as a substitution for MATH 285 upon successful completion of a 1-credit hour UIUC bridge course, NPRE 397.

Concentrations: After transfer, students will declare a concentration within the major in one of Power, Safety & Environment; Plasma & Fusion Science and Engineering; or Radiological, Medical & Instrumentation Applications.

### **Physics**

<http://catalog.illinois.edu/undergraduate/engineering/physics-bs/>

Linear Algebra: MATH 257, MATH 415, or MATH 416 may be used to satisfy the requirement.

Skills: Familiarity with Python recommended.

Program Tracks: After transfer, students will declare a track within the major. Current options include Astrophysics, Business, Computational Physics, Nuclear Physics, or Graduate Study. Students may also devise an alternative, custom track with a set of courses approved by the department.

### **Systems Engineering and Design**

<http://catalog.illinois.edu/undergraduate/engineering/systems-engineering-design-bs/>

Linear Algebra: MATH 257 or MATH 415 may be used to satisfy the requirement.

Skills: Familiarity with Python recommended.

Secondary Field Option Electives: After transfer, students will declare a secondary field within the major. Current options include Theoretical and Applied Mechanics, Rehabilitation Engineering, Operations Research, Nondestructive Testing and Evaluation, Manufacturing Engineering, Environmental Quality, Engineering Marketing, Engineering Administration, Digital Prototyping, Control Systems, Construction, Computer Science, Civil Engineering Structures, Business Systems Integration and Consulting, Bioengineering, Autonomous Systems and Robotics, or Automotive Engineering.

## **Frequently Asked Questions (FAQs)**

### **Is there a limit to how many credit hours I can transfer?**

Grainger Engineering does not limit the number of credit hours a student may transfer nor does a high number of credit hours earned negatively impact the transfer admissions process – please note, this policy varies by college. Regardless of number of credit hours transferred, all students are required to complete the campus residency requirement, which specifies that each candidate for a bachelor's degree from the University of Illinois at Urbana-Champaign must earn at least 60 semester hours of University of Illinois at Urbana-Champaign credit, of which 21 hours must be 300 or 400 level courses.

### **As a transfer student, am I eligible for the James Scholar Honors Program?**

Transfer students may apply to the James Scholar Honors Program after completing an initial full-time semester on campus (fall or spring). Current requirements for admission are an Illinois GPA of 3.5 or higher.

### **Can I change majors after being admitted as a transfer student to Grainger Engineering?**

It depends. Major change requests within the college must be approved by Transfer Programs staff. Due to space constraints, no dual-degree petitions or major change requests to Computer Engineering, Computer Science, Computer Science + Bioengineering, Computer Science + Physics, Electrical Engineering, or Mechanical Engineering are permitted. A student admitted to Electrical or Computer Engineering, with limited exposure to the introductory courses at their previous institution (e.g., ECE 110, 120, 210, 220), may be considered for a major change within the department. Requests for all other majors will be evaluated on a case-by-case basis. Questions about declaring a major outside of Grainger Engineering should be directed to the respective college or department.

### **I already earned a bachelor's degree. Am I eligible to apply for a second bachelor's degree?**

Grainger Engineering does accept second bachelor's degree applications for consideration; however, applicants seeking a first bachelor's degree receive priority in limited-capacity majors. Regarding the application: If the first bachelor's degree was earned from another institution, then proceed as a transfer applicant through the Office of Undergraduate Admissions. If the first bachelor's degree was earned from the University of Illinois at Urbana-Champaign, please contact Transfer Programs in Grainger Engineering for additional information on how to proceed. The guidelines and course requirements established in the Transfer Handbook apply to all applicants, as do the transfer admissions dates and deadlines.

### **Can I use test-based credit (AP, IB, etc.) to fulfill transfer requirements?**

All students are subject to the test-based credit policies in effect at time of matriculation to the University of Illinois at Urbana-Champaign. For incoming students, these policies are not finalized until after the admissions cycle is complete. Test-based credit policies can and do change. As such, transfer students are strongly encouraged to fulfill admissions requirements by earning graded, transferable credit.

**Additional questions?** Contact us.