

ENGINEERING UNDECLARED

The Engineering Undeclared program (EU) is designed to support students interested in majors within The Grainger College of Engineering but who are unsure of which major fits their interests and goals. Students will work with specially trained advisors to select coursework based on their interests, coupled with EU specific programming that supports the exploration of majors within the college. Students will have the ability to apply to any major in The Grainger College of Engineering, with the exception of Computer Science.

Engineering Undeclared does not have a defined curriculum map that all students take. Instead, there are specific courses required for students to declare a major. Some majors have additional transfer requirements beyond the core classes specified below

Engineering Undeclared students will formally apply to transfer into a major through the IDT process. Students will be able to apply in the semester they are completing courses required to transfer, as early as their second semester. EU students who need to complete additional required courses may apply to transfer in their third or fourth semesters. All EU students must be declared in a major by the start of their fifth semester at Illinois.

Students in EU who earn at least a 3.0 UIUC GPA and a 3.0 Specialized GPA, in addition to meeting the requirements to remain in good EU standing (see below), are pre-approved for assignment into one of their three majors of interest. While we try to place each student in their first-choice major of interest, it is not guaranteed. Placement depends on the holistic review of a student's application to their majors of interest and major capacity. Major capacity may change from semester to semester and is not publicly available.

To remain in good EU standing, students must maintain at least a 2.5 UIUC GPA and a 2.5 Specialized GPA (all STEM courses), in addition to meeting any GPA/grade requirements that their intended major has, earning at least a B- in Eng 101, making appropriate progress in foundational and technical STEM coursework and meeting with an EU advisor each semester.

Graduation Requirements

Minimum hours required for graduation: Students may not graduate from Engineering Undeclared. Majors students declare in the Grainger College of Engineering require 128 credits to graduate.

Engineering Undeclared students should take coursework to satisfy General Education, Core Requirements, and Major Exploration Coursework. Engineering Undeclared students are not required to complete all requirements listed below prior to declaring a major.

Minimum UIUC and Specialized (STEM Courses) GPA: 2.5

University Requirements

Minimum of 40 hours of upper-division coursework, generally at the 300- or 400-level. These hours can be drawn from all elements of the degree.

Students should consult their academic advisor for additional guidance in fulfilling this requirement.

The university and residency requirements can be found in the Student Code (<https://studentcode.illinois.edu/article3/part8/3-801/>) (§ 3-801) and in the Academic Catalog (<http://catalog.illinois.edu/general-information/degree-general-education-requirements/>).

General Education Requirements

Follows the campus General Education (Gen Ed) requirements (<https://courses.illinois.edu/gened/DEFAULT/DEFAULT/>). Some Gen Ed requirements may be met by courses required and/or electives in the program.

Code	Title	Hours
	Composition I	4-6
	Advanced Composition	3
	Humanities & the Arts (6 hours)	6
	Natural Sciences & Technology (6 hours)	6
	fulfilled by CHEM 102 and any other course approved as Natural Sciences & Technology	
	Social & Behavioral Sciences (6 hours)	6
	Cultural Studies: Non-Western Cultures (1 course)	3
	Cultural Studies: US Minority Cultures (1 course)	3
	Cultural Studies: Western/Comparative Cultures (1 course)	3
	Quantitative Reasoning (2 courses, at least one course must be Quantitative Reasoning I)	6-10
	fulfilled by MATH 220 or MATH 221; MATH 231, PHYS 211	
	Language Requirement (Completion of the third semester or equivalent of a language other than English is required)	0-15

Major Requirements

Code	Title	Hours
	Specific course recommendations will vary depending on the academic preparation, majors of interest, and goals of the student.	
Core Requirements for all Majors		
CHEM 102	General Chemistry I	3
CHEM 103	General Chemistry Lab I	1
MATH 220 or MATH 221	Calculus Calculus I	4-5
MATH 231	Calculus II	3
PHYS 211	University Physics: Mechanics	4
ENG 100	Grainger Engineering Orientation Seminar (Not required for students who ICT into EU)	1
ENG 101	Engineering at Illinois	1
	Major Exploration Coursework	6-12

Additional requirements for transfer to Bioengineering

MCB 150	Molecular & Cellular Basis of Life (with grade of B or higher)	4
CHEM 104	General Chemistry II (with grade of B or higher)	3
CHEM 105	General Chemistry Lab II (with grade of B or higher)	1

Additional requirements for transfer to Chemical Engineering

These requirements are for first year students only. Students in their 3rd semester or beyond will need to go through the normal College of LAS ICT process and requirements for Chemical Engineering.

Chemistry sequence must be completed with grades of B- or higher.

Students may substitute CHEM 202, CHEM 203, CHEM 204, and CHEM 205 for CHEM 102, CHEM 103, CHEM 104, and CHEM 105.

CHEM 104	General Chemistry II	3
CHEM 105	General Chemistry Lab II	1

Additional requirements for transfer to Electrical Engineering and Computer Engineering

ECE 110	Introduction to Electronics (with grade of B- or higher)	3
ECE 120	Introduction to Computing (with grade of B- or higher)	4

For students who have completed the above work and are still in the EU Program

MATH 241	Calculus III	4
MATH 257	Linear Algebra with Computational Applications	3
MATH 285	Intro Differential Equations	3
PHYS 212	University Physics: Elec & Mag	4
Additional Chemistry Core Coursework		0-4
Additional Physics Core Coursework		0-6

The Engineering Undeclared program (EU) provides students with the opportunity to explore major opportunities within The Grainger College of Engineering. Students are able to apply directly to EU as first-time freshmen or, if admitted to another college at Illinois, can apply to transfer via Intercollegiate Transfer to the program in their second and/or third semester at Illinois. External transfers to Illinois are not eligible for EU. Students will work with an Engineering Undeclared advisor to select coursework based on their interests with the purpose of exploring and declaring a major. All EU students must be declared in a major by the beginning of their fifth semester, but are eligible to apply to transfer as early as at the end of their second semester.

The Grainger College of Engineering Admissions (<https://grainger.illinois.edu/>)

The Grainger College of Engineering