Majors, Minors and Certificates

Changing Major or Adding Dual Degree - College of Engineering

College of Engineering Programs of Study

College of Engineering Major Specific Dynamic and Static Curriculum Maps

Certificates

Minors

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**Changing Major or Adding Dual Degree**

The College of Engineering has an Inter-Departmental Transfer (IDT)/Inter-College Transfer (ICT) process that should start with you exploring the information below in order to check your eligibility and decide how to proceed.

**IDT/ICT Eligibility**

Transfer Overview

Requirements to Transfer

Application Process

Notification and Decisions for Submitted Exploration Portfolio

Exploration Portfolio

Information Session

Dual Degree Information

Advising Team

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**Inter-Departmental Transfer (IDT) and Inter-College Transfer (ICT) Eligibility for the College of Engineering**

<table>
<thead>
<tr>
<th>Who you are</th>
<th>Your College</th>
<th>Process</th>
<th>When to apply</th>
</tr>
</thead>
<tbody>
<tr>
<td>I joined the UofI as a TRANSFER student in summer</td>
<td>I am in the College of Engineering</td>
<td>Before you start the Portfolio, or consider a change of major within engineering, you MUST see the Transfer Student Coordinator in 206 ENG HALL. You MUST follow your current program of study in your current major during your 1st semester</td>
<td>N/A</td>
</tr>
<tr>
<td>2017 or later</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>I am in another college (non-ENG)</td>
<td>I am in another college (non-ENG)</td>
<td>You are not eligible to transfer to an engineering major</td>
<td>N/A</td>
</tr>
</tbody>
</table>

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I joined the UofI as a FRESHMAN in summer 2017 or later 🌟

I am in the College of Engineering

<table>
<thead>
<tr>
<th>FRESHMEN: Before you start the Portfolio, or consider a change of major within engineering, you MUST see an advisor in 206 ENG HALL. You MUST follow your current program of study in your current major during your 1st semester.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2nd, 3rd or 4th semester of enrollment</td>
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</table>

I am in Pre-Engineering (DGS)

Apply to the College of Engineering (ICT application)

<table>
<thead>
<tr>
<th>2nd, 3rd or 4th semester of enrollment</th>
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I am in DGS general or in another college (non-ENG) 🌟

Apply to Pre-Engineering (DGS) – yo u are not eligible to directly apply to ENG

see [https://dgs.illinois.edu/ict-to-pre-engineering](https://dgs.illinois.edu/ict-to-pre-engineering)

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<tr>
<th>2nd semester of enrollment</th>
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🌟 Exceptions: for Students who joined as Freshmen in LAS-PHYS, LAS-CS, ACES-ABE: LAS-PHYS to ENG-PHYS, LAS-CS to ENG-CS, ACES-ABE to ENG-AnyMajor will apply directly to ENG (ICT application). For other engineering majors, all students must apply to PREP (e.g. a LAS-PHYS student seeking EE, or a LAS-CS seeking ME must apply to PREP).

🌟 If you joined the UofI prior to Summer 2017, the ICT/IDT process includes an Exploration Portfolio; Please FIRST check that you have the classes required to transfer to the major you are considering, with As and Bs mostly in your technical classes.

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**Overview of the Transfer Process**

**Wondering if you are eligible?**

Check the more complete information above

Students who joined the UofI as non-engineering freshmen will first apply to PREP their 2nd semester of enrollment attend a PREP information session to learn more.

**Thinking about a major in the college of engineering?**

Start Your Exploration Portfolio Here (as early as possible)

START your exploration portfolio as soon as you are thinking about an engineering major. It is a helpful tool for your exploration process.

If you are not in PREP or not in ENG go to [https://dgs.illinois.edu/ict-to-pre-engineering](https://dgs.illinois.edu/ict-to-pre-engineering)

**Wondering about the classes and grades requirements?**

Check the College of Engineering Transfer Requirements and the Required Classes to Transfer

For Dual degrees, the process starts with the Exploration Portfolio (for incoming freshmen who joined on Fall 2017 or after) and an application to ENG that will be reviewed by ENG-See section on dual degrees for more information

**Ready to Apply?**

Finalize and Submit Your Application HERE

The Fall 19 application deadline was March 30, 2019 at 11:59PM (no Exception).

The Spring 19 application deadline is October 8, 2018 at 11:59PM (no Exception).

**How do you hear back?**

You will be notified by Email

An update will also be posted on your online application

**When do you hear back?**

After Grades for the current semester are known.

Before the start of the next semester.

The committee waits for the current semester grades to be posted for most applications (early notifications will be sent for ineligible applications)

Allow weeks for the committee to review after grades are posted
Requirements to Transfer

All students interested in engineering must take Math/Phys/Chem/Eng classes. See the Suggested Sequence for each curriculum, especially the first two semesters.

- See all Undergraduate Programs of Study for a list of all majors, and required classes in the curricula.
- Check Engineering majors and Classes for Each Major.
- Check the College of Engineering Transfer Requirements.
- Engineering at Illinois (ENG 101) is an introduction to undergraduate programs of study available in the College of Engineering and the potential careers of graduates of those programs. The course is aimed at PREP students and engineering Undeclared students to help them explore engineering majors. This is a 1-hour course offered in fall semesters. Please consult the Course Schedule for more details.

Important Notes about Performance and Potential for engineering:

- Students with grades below B in technical courses are not good candidates for transfer to Engineering, unless those low performances are amended by retaking the course and earning a higher grade, and as discussed with an engineering advisor (students with more than one grade below B should consider non engineering curricula).
- Students who do not take technical loads that engineering students take each semester (see the Suggested Sequence for each engineering curriculum) are at risk of lowering their chances for transfer (check the College of Engineering Transfer Requirements).
- Discuss any special circumstances with your current department/college academic advisor.

Application Process

- The application consists of your name/UIN/Major you wish to apply to and your Exploration Portfolio.
- While students have the option to indicate up to three engineering majors they wish to apply to, you do NOT need to indicate three majors (only apply to majors you are genuinely interested in).
- Students applying for a dual degree in engineering indicate ONE major only in their application, the major they are interested in applying for their dual degree.
- When ready to apply, submit your application.
- Applying after the deadline will automatically delay your application to the following review period for a later semester- No petition will be possible after 11:59PM.

Please note the following:

- This application process is only for majors in the College of Engineering. You will need to apply to a different college for other majors (including ChBE, CS + x, and TSM).
- Majors that are high in demand can only be selected as “top choice” in the petition. Currently, these include BIOE, COMPE, CS, EE, ME.
- All students are greatly encouraged to explore and select more than one major in their application.
- Your application will be reviewed according to how you ranked each major (top, then second, then third). You will only be considered for your second (then third) choice if we cannot accommodate you in your first choice.
- If your application for transfer is approved, and you accept it, we will not consider a future request from you for another transfer.
- If your application for transfer into your first choice is denied, and you are offered your other choice, we will not consider a future request from you for your first choice.

Notifications and Decisions on Submitted Exploration Portfolios
After you Submit Your Petition online, you will receive a confirmation email that your petition is submitted.

- The Committee reviews all applications after grades are available for the current semester.
- Students will be notified of the outcome before the start of the semester they apply to. (Notification Dates: June 30th for Fall, January 20th for Spring).
- Students who are taking their last engineering class(es) in summer in order to be considered for fall Transfer (as previously discussed with an advisor in 206 Engineering Hall) will be informed of the outcome before fall semester starts, after summer grades are available.

**Exploration Portfolio**

**Thinking about an Engineering Major? Start your Exploration Portfolio as early as possible**

When combined with visits to advisors, the Exploration Portfolio will be your personal tool to reflect, and ponder on which major best aligns with your interests. A completed Portfolio is required as part of the application process.

A few things about the Engineering Exploration Portfolio:

- The Portfolio contains a Specialized GPA, that only takes into account the foundational MATH, PHYS, CHEM classes taken at the UofI and the ENGINEERING classes taken at the UofI (complete list here-under construction). No worries, advisors will have access to all of your grades when reviewing!
- For the “End-Of-Semester” Self-Assessment, use your End-Of-Spring2018 semester grades (for Mid-Semester, use any current Mid-Of-Fall2018 semester estimated grades, prior to submitting your application).
- Do NOT have two browsers opened on the WebApp, while you edit your answers, or this creates duplicate entries, and can prevent you from submitting your application...

**Information Session**

Ways to learn more? Check Information Sessions (this will be updated periodically)

- Attend Pre-engineering (PREP) Info Sessions (RSVP to attend)
- Students will apply to PREP
- Attend ENG ICT/IDT Info Sessions on 9/19 or 9/20 5-6pm i 106 B1 Eng Hall (RSVP to attend)
- All Students will apply to ENG via the ICT/IDT WebApp
**Dual Degrees**

Wondering if you are you eligible? Students who *would* be eligible for Transfer (ICT or IDT) are eligible.

Wondering how and when to apply? The College of Engineering Dual Degree process is aligned with our ICT/IDT process for freshmen who joined the UofI in summer 2017 or later.

Wondering how your application will be reviewed? We use the same criteria as those for ICT/IDT, but given the high demand for engineering degrees, the priority *might* be given to first degree (ICT/IDT) applications for high in demand majors.

College of Engineering students who had to change College for their secondary major - i.e. who had to transfer out of the college of engineering for one year- do *not* need to re-apply for ICT for their primary major in engineering, but instead fill out this Paper Form and meet an advisor in 206 Engineering Hall.

*** documents below are coming soon (will be available soon)***

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<tr>
<td>I joined the UofI before Summer 2017</td>
<td>Any College</td>
<td>• You are planning a Dual Degree in engineering:</td>
<td>Earlier is better (but no later than 1.5 years before graduating)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Check Guidelines ✡</td>
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<td>• Notify current college of your intentions.</td>
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<tr>
<td></td>
<td></td>
<td>• Apply for &quot;ICT/DualDegree-to-ENGR&quot; via the Exploration Portfolio.</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>• Meet with advisors of current major and desired dual engineering degree: Plan classes and obtain signatures on the Engineering Dual Degree paper form</td>
<td></td>
</tr>
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</table>
I joined the UofI as a FRESHMAN in summer 2017 or later

I am in the College of Engineering

- You are planning TWO degrees in engineering:
  1. Check Guidelines ⭐
  2. Apply for IDT via the Exploration Portfolio.
  3. Meet with advisors of current major and desired dual engineering degree: Plan classes and obtain signatures on the Engineering Dual Degree paper form.
- You are planning a dual degree in another college: check their process, and timeline

2nd, 3rd or 4th semester of enrollment for two degrees in engineering (**)

I started at the UofI in Pre-Engineering (DGS)

Apply to the College of Engineering (ICT application). Then apply LATER for a dual degree

2nd, 3rd or 4th semester of enrollment for two degrees in engineering (**)

I started at the UofI in DGS general

Apply to Pre-Engineering (DGS). Then apply to the College of Engineering (ICT application). Then apply LATER for a dual degree

2nd semester of enrollment (**)

I started at the UofI in another college (non-DGS general or non-ENG)

- You are planning a Dual Degree in engineering:
  - Check Guidelines ⭐
  - Notify current college of your intentions.
  - Apply for "ICT/DualDegree-to-ENGR" via the Exploration Portfolio. Select "College of Engineering", then mark that you entered "Prior to Summer 2017" to get to the ICT Engineering Portfolio. For Summer or Fall 2017 incoming Freshmen only, we are extending the application deadline to the 3rd semester of enrollment. Make sure to check your eligibility! NOT everyone is eligible.
  - Meet with advisors of current major and desired dual engineering degree: Plan classes and obtain signatures on the Engineering Dual Degree paper form.

2nd semester of enrollment (**)

(**) Students who wish to pursue two degrees in engineering must first apply to ICT to the most high in demand degree as their first choice. No dual degree application to a high in demand major will be considered at a later time.

**Dual Degrees (College of Engineering+ILEE)**

- **Engineering students** who want to apply for the ILEE dual degree will find all information at this Link (you will need an updated resume, an Application ILEE Portfolio and a plan of study). Make sure to also Register here for Dual Degree after you have been accepted.

**Advising Team**

Advisors are always available to help you explore your options and it is essential you consult with them at any step of your journey. Advisors will be happy to meet with you and discuss your plans, after you explored on your own possible majors, narrowed it down to a few, after you checked the links above regarding majors, course sequence, and transfer requirements. This may answer a LOT of your questions!
- If you are in PREP, you are in luck; you have your own PREP advisors! If you interested in PREP, check [https://dgs.illinois.edu/ict-to-pre-engineering](https://dgs.illinois.edu/ict-to-pre-engineering).
- If you are not in PREP, started at UofI before FA17 or if you are in ENG already, meet a **college of engineering advisor**: we are in 206 Engineering Hall. See all **Colleges**.
- Meet an **engineering departmental advisor(s)** for the engineering major you are considering.

### Certificates

A certificate attests to a student's achievement in an area beyond their major. Certificates do not appear on the final transcript. The following organizations offer certificates that may be of interest to College of Engineering students:

- Illinois Leadership Center
- Technology Entrepreneur Center

### Minors

Click [here](https://dgs.illinois.edu/ict-to-pre-engineering) for a list of College of Engineering Minors

- If you intend to add a minor, you need to get a signature of approval from the department in which you intend to get the minor. You can obtain the 'Statement of Intent to Pursue a Campus-Approved Minor' form in PDF [here](https://dgs.illinois.edu/ict-to-pre-engineering).
- If you want to change or remove a minor, you will find copies of the "Minor's Modification Form" at the kiosk in the lobby of 206 Engineering Hall ([with link to the Provost's website here](https://dgs.illinois.edu/ict-to-pre-engineering)). Submit the completed form to the front desk of 206 Engineering Hall.

Students in the College of Engineering can also pursue many of the minors offered by other colleges. See the [Academic Catalog](https://dgs.illinois.edu/ict-to-pre-engineering) for information on other minors outside of the College.

Please contact the College of Engineering Undergraduate Programs Office at engineering@illinois.edu if you have questions.