Undergraduate Academic Advising Instructions

Due to the COVID-19 pandemic and the UIC campus guidelines for social distancing, undergraduate advising will be conducted remotely for Spring 2021 registration. Please read the “Remote Advising Procedures” below for up-to-date instructions on advising.

All engineering students are required to seek advising from their faculty advisor prior to registering for the Spring 2021 semester. An advising hold will be placed on the record of each engineering student which will prevent them from registering until they speak with their faculty advisor. Students who intend to transfer into a different program must still meet with their advisor and complete an advising form. There will be no exceptions.

Remote Advising Procedures as of 10/15/2020

Faculty will be conducting their advising appointments remotely the week of October 26-30, 2020. Most faculty will conduct their advising appointments through Webex, Zoom, Skype, etc.

Students will receive instructions from their faculty advisor with details on how they will conduct their advising appointments. Students who do not receive an e-mail by October 19th should email their advisor (advisor list below). Students who do not receive a response can email ecestudentaffairs@uic.edu and await further instructions.

Students will receive a Qualtrics email with a link to the advising form. The Qualtrics survey will come from “ECE Student Affairs (surveys@uic.edu)”. Students will complete the form while sharing their screen with their advisor. Students should not fill the form ahead of their appointment as it will not be approved by their advisor. Once the form is completed, students will get a confirmation email that the form was sent to their advisor for approval. Once the advisor approves the form, students will get another confirmation with the copy of the form.

Advisor Evaluation Surveys will be conducted online and are mandatory. The results are anonymous but completion is recorded.

Spring 2021 ECE Undergraduate Advisor Listing

Advising Appointment Sign-up

Advising sign up is October 19-23, 2020. If you don't sign-up during sign-up week, it will be your responsibility to arrange a mutually agreeable time with your advisor.

Verify your advisor PRIOR to signing up (advisor list below). Please keep in mind that you may be reassigned to another advisor if your advisor will not be available this term.

Spring 2021 ECE Undergraduate Advisor Listing
Preparing for your Advising Session

Print the appropriate curriculum flowchart from the [Student Resources](#) page.

Cross off any courses you have taken, and bring this copy with you to your advisor meeting.

Visit the [Student Resources](#) page to see which classes are being offered next semester by the ECE department.

Plan your schedule ahead of your advising session through the “Plan Ahead” tool:

- Go to: [https://my.uic.edu/](https://my.uic.edu/)
- Sign in with your NetID
- On the welcome page, click “XE Registration”
- Click the “Plan Ahead” tool
- Save a New Plan
- From here, you can add/drop courses into your schedule to make sure there are no time conflicts.

Note: this is just a planner and does not sign you up for courses. You still need to sign up once registration opens.

Your Advising Session

Review your online Degree Audit report (found in the [my.UIC.edu](#) portal under uAchieve) prior to attending your faculty advising appointment and have it with you during your appointment. If you have questions about what is on your Degree Audit report or feel that it is inaccurate, please feel free to contact one of the Engineering [counselors](#) so that they can review the report and make any necessary changes. Send an email with your UIN and be as specific as possible about what you believe is wrong with your Degree Audit report so that they can better understand the problem and get back to you in a timely manner.

Advisor Evaluation Surveys will be conducted online and are mandatory. The results are anonymous but completion is recorded.

You will receive a link by email to complete the online advisor evaluation survey after you have submitted your faculty advising form. The survey takes less than one minute, and submissions are kept anonymous.
Course Prerequisites

The College of Engineering has noticed that a large number of students are registering for courses without meeting the listed prerequisites. The prerequisites are listed for a reason and it is expected that you know the material in these prerequisite courses before moving on to the next level. Instructor permission does not waive course prerequisites.

Students registered in courses that they are not supposed to be in, will be dropped from these courses after the add/drop deadline and will not be able to add another course to their schedule. Courses dropped in this way will show up as a “W” on a student’s academic record. Students can view the current prerequisites for courses by visiting the course descriptions in the UIC catalog.

Special Topics for Spring 2021

The ECE department is offering several special topics courses in Spring 2021. Please contact the course instructor should you have questions about pre-requisites (for students outside ECE we could work with you to determine if you would be prepared). For ECE undergraduates: All courses will count as ECE Technical Electives with a Modification of Major form.

ECE 491: Information and Learning (pre-req: ECE 341) — Mesrob Ichkhan Ohannessian
<mesrob@uic.edu>
Short Description: This course is a first mathematical look at what information is, what it means to learn, and how the two are related. It covers the basics of statistical inference and learning, under the lens of information theory. This means that in addition to specific methods and algorithms that acquire knowledge from observations, this course also highlights the limits of what is possible and explains what it would take to reach them. All concepts are illustrated with applications.

ECE 491: Introduction to Neural Networks (pre-req: MATH 310, ECE 310, programming) — Ahmet Enis Cetin <aecyy@uic.edu>
Short Description: This course provides an introduction to artificial neural networks and deep learning. Biophysical and mathematical models of neurons. Perceptron and its relation to the LMS algorithm. Parallel Computing and GPUs. Convolution neural networks, recurrent neural networks (LSTM and gated recurrent), and residual networks.

ECE 594: Network Information Theory (pre-req: ECE 534) — Daniela Tuninetti
<danielat@uic.edu> —
Short Description: Information Theory is a branch of applied mathematics, electrical engineering, and computer science involving the quantification of information. Network Information Theory (NetIT) aims to determine the ultimate performance of information exchange in networked systems (including wired communications, wireless communications, data storage, data retrieval, data compression, data dissemination, data collection, etc.) in a technology independent way and offers a benchmark for any practical technology.

ECE 594: Smart Grid: Modern Distributed Power Systems (pre-req ECE 458 or ECE 491 (power system analysis) or ECE 445 — "He, Lina" <lhe@uic.edu>
Short Description: This course will introduce students to (1) techniques of the modeling and analysis of distributed power systems, (2) technical challenges of integrating RESs on system coordination with power electronics, and (3) advanced research in protection and control of distributed power systems.

Helpful Links

Note: See the undergraduate Student Resources page for a full selection of links.

ECE course catalog page (EE, CE and EP)
ECE courses page (curricula, flowcharts and other resources)
ECE Spring 2021 course plans (additional information on course delivery method)
ECE Tracks
Student Forms (see Forms)
Director of Undergraduate Studies (DUGS) Links
Degree Audit (uAchieve) (formerly Degree Audit Reporting System-DARS), which provides an unofficial audit of progress toward the undergraduate degree that reflects courses in progress.
my.uic.edu