

# EECE Undergraduate Advising – Updates & Reminders (Spring 2022)

March 21, 2022

1. **Please be sure to meet with your advisor prior to registration**
  - a. In-person or Zoom meetings are fine – whatever is you and your advisor's preference.
  - b. Your faculty advisor should be in touch soon (if they haven't been in touch already) with instructions for how to schedule a meeting with them.
  
2. **E60 Engr 328: Engineering Statistics with Probability – new preferred course number for EECE students**
  - a. Previously, there were two sections of ESE 326: Probability and Statistics for Engineering, with the statistics-focused section strongly recommended for EECE students.
  - b. Probability and Statistics has now been split into two entirely different course numbers!
    - i. E60 Engr 328: Engineering Statistics with Probability is a separate course intended to focus more heavily on statistics (vs. probability).
    - ii. E35 ESE 326: Probability and Statistics for Engineering is the same as before and contains a stronger emphasis on probability.
  - c. **EECE students are strongly recommended (not required) to take Engr 328 (taught by Tucker Krone)** since it has a greater emphasis on statistics and will cover topics and skills more relevant to ChE and EnvE. You may still take ESE 326 to fulfill degree requirements.
  
3. **Course Adjustments for Fall 2022:**
  - a. **EECE 409: Process Design, Economics and Simulation** is now a required course for all seniors and 2<sup>nd</sup> year dual degree students.
  - b. **EECE 502: Advanced Thermodynamics in EECE will not be offered this fall.**
  - c. **EECE 531: Environmental Organic Chemistry will not be offered this fall.** Environmental Engineering students and students earning the minor in Environmental Engineering Science who were planning on taking EECE 531 should instead plan on taking EECE 505: Aquatic Chemistry.
  
4. **Summer Courses: Back to the “usual” transfer credit policy**
  - a. As COVID-19 is no longer having as significant of an impact on the ability to teach in-person, the McKelvey School of Engineering will be reverting back to its pre-covid transfer credit policy. More specifically, *only in-person (not online) courses from other institutions will be accepted for transfer.*
  - b. McKelvey will offer remote or in-person options for some key standard courses (e.g., Tech Writing, Introduction to Computer Science) – if you do not have other summer plans, these may be worthwhile.
  
5. **Senior Thesis (EECE 423):**
  - a. Participating in the Senior Thesis (EECE 423) is an excellent way for seniors to earn distinction for research they have been involved in, as well as earn elective credit towards their degree.
  - b. **If you are a rising junior/senior that has been involved in lab research, consider signing up for this program. To participate, email Dr. Janie Brennan for more details.**
  - c. EECE 423 is similar to an independent study, except it is expected to be done over the course of two semesters (both fall and spring of senior year) with various milestone deliverables due throughout the year. At the end of senior year, your thesis will be evaluated by a committee.
  - d. You may only count up to 6 units of 300+ level Independent Study (EECE 300, EECE 400, EECE 500) and/or Senior Thesis (EECE 423) towards your elective requirement.
    - i. *If you have already taken 6 units of Independent Study, Senior Thesis credits would not count towards your degree requirements.*
  - e. A Senior Thesis can even be done by students who have been researching outside the department (e.g., at the med school). Administratively, an EECE faculty member will need to oversee your EECE 423 course grade, but the rest of the oversight can largely be done by your normal research advisor.