

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

October 5, 2022

Your EECE faculty advisor should be reaching out soon to let you know how to set up an advising appointment. Be sure to meet with them prior to registering for your spring 2023 courses.

## 1. **New Sample Curriculum Worksheets on the program website:**

- a. In an effort to make the curriculum requirements easier to follow, updated curriculum worksheets have been linked to the program webpages:
  - i. BSChE: <https://eece.wustl.edu/academics/undergraduate-programs/BS-in-Chemical-Engineering.html#tab2>
  - ii. BSEnvE: <https://eece.wustl.edu/academics/undergraduate-programs/BS-in-Environmental-Engineering.html#tab2>
- b. These worksheets outline the “standard” order of courses, but also make clear any required pre- and co-requisites, semesters in which courses are offered, and other useful information.
- c. Both sample curricula can also be found here: <https://engineering.wustl.edu/offices-services/student-services/undergraduate-student-services/policies/curriculum-charts.html>

## 2. **Summer Plans:**

- a. It's time to start applying for internships or figuring out which summer research programs you might apply to! Please discuss this with your advisor, as they may be able to give you some ideas.
- b. For suggestions/tips on how to apply for internships or where to find summer research positions, see the EECE FAQ page: <https://students.engineering.wustl.edu/advising/eece/faq.shtml#keyword85>
- c. Information on McKelvey-specific funded summer research programs can be found here: <https://engineering.wustl.edu/academics/undergraduate-research/summer-research-opportunities.html>

## 3. **New/Changed Courses:**

- a. **EECE 516: Measurement Techniques for Particle Characterization** will be taught by Prof. Jenna Ditto this spring.

## 4. **E60 Engr 328: Engineering Statistics with Probability – new preferred course 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. As of Fall 2022, Prob/Stats has 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. **All 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. They may still take ESE 326 to fulfill degree requirements.

## 5. **Study Abroad and Co-op (applies primarily to sophomores):**

- a. Study abroad options for both ChE and EnvE students have recently been expanded to include options in Australia, New Zealand, and Scotland.
- b. For students wishing to do a study abroad or industry co-op experience, the best time to do this is most commonly spring of Junior year. Students interested in studying abroad should meet with Melanie Osborn in Student Services to discuss their course plan.

## 6. **Career Support from the Career Center and McKelvey Industrial Relations:**

- a. [Career Outcome Data](#): Academic/industry breakdowns, hiring employers, and salary data
- b. [CAREERlink](#): University-wide system for job postings and events
- c. [McKelvey Industry Connect](#): Featured engineering jobs, events, industry advice, and resources