

# EECE Undergraduate Advising – Updates & Reminders (Spring 2024)

March 18, 2024

1. **Please meet with your EECE faculty 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. **Updated sample curricula (4-year and dual degree), lists of approved electives, and independent study forms are on the program webpages (and are updated regularly)**
  - a. **BSChE:** <https://eece.wustl.edu/academics/undergraduate-programs/BS-in-Chemical-Engineering.html#tab2>
  - b. **BSEnvE:** <https://eece.wustl.edu/academics/undergraduate-programs/BS-in-Environmental-Engineering.html#tab2>
3. **Course Adjustments/New Courses for Fall 2024**
  - a. **EECE 309 (Environmental Engineering Fate and Transport)** will offered for the last time as a fall course. It will be offered Spring 2025 and in the spring thereafter.
  - b. **EECE 409 (Process Design, Economics and Simulation)** will have *separate sections* for BSChE and BSEnvE majors. BSChE students should sign up for Section 01, and BSEnvE students should sign up for Section 02.
  - c. **EECE 412 (Sustainability Exchange)** will no longer be listed as an EECE course and will no longer count for engineering elective credit, due to having no EECE faculty involvement and inconsistent engineering content across the projects.
  - d. **Electives that are newly offered or offered in fall for the first time:**
    - i. *New course:* EECE 413: Energy Conversion and Storage
    - ii. EECE 516: Measurement Techniques for Particle Characterization
    - iii. EECE 537: Environmental Resource Recovery
    - iv. EECE 552: Biomass Energy Systems and Engineering
    - v. *New course:* EECE 573: Polymers for Energy, Sustainability, and Human Health
4. **Coming Soon: Changes to Independent Study Registration**
  - a. The McKelvey School of Engineering will be transitioning to a centralized Docusign-based process for enrolling in Independent Study for Fall 2024. Full details (including website updates) will be rolled out in the coming weeks.
5. **Reminder of changes to B.S. in Environmental Engineering Degree Requirements**
  - a. **Summary of changes:**
    - i. The number of required EnvE electives units in EECE has been reduced from 9 to 3.
    - ii. For students matriculating (entering) in Fall 2023, the new course EECE 308 (Water Resources Engineering) will be required. EECE 204 (Thermo. II) will not be required.
  - b. **Current students (matriculating before Fall 2023)** may follow either the old or the revised version of the degree requirements. If you have questions, reach out to Dr. Janie Brennan.
6. **Conference funds available from McKelvey School of Engineering:**
  - a. If you want to attend/present at a conference, contact Kelli Delfosse. Along with the department, she may be able to help secure monetary assistance.
7. **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 research, contact Dr. Janie Brennan.**
  - 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 milestone deliverables due throughout the year. In spring, the student's thesis will be evaluated by a committee. Details are in this document: <https://eece.wustl.edu/academics/undergraduate-programs/BS-in-Chemical-Engineering.html#tab3>