

EECE Undergraduate Advising – Updates & Reminders (Spring 2023)

March 20, 2023

1. **Please meet with your advisor prior to registration**
 - a. In-person or Zoom meetings are fine – whatever is your and your advisor's preference.
 - b. Your faculty advisor should contact you soon with instructions for how to best 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**
 - a. These have been updated in the past few months, so please be sure to check them!
 - b. **BSchE:** <https://eece.wustl.edu/academics/undergraduate-programs/BS-in-Chemical-Engineering.html#tab2>
 - c. **BSEnvE:** <https://eece.wustl.edu/academics/undergraduate-programs/BS-in-Environmental-Engineering.html#tab2>
3. **Changes to B.S. in Environmental Engineering Degree Requirements**
 - a. EECE faculty have approved two changes to the BSEnvE degree program based on a detailed curriculum analysis and feedback from students and the undergrad industrial advisory committee.
 - b. **Summary of changes:**
 - i. The number of required environmental engineering electives units in EECE has been reduced from 9 to 3.
 - ii. For students matriculating (entering) in Fall 2023:
 1. A new course will be required: EECE 308 (Water Resources Engineering).
 2. EECE 204 (Thermodynamics II) will no longer be required.
 - c. **Ramifications for current BSEnvE students:**
 - i. Current students may follow either the old or the revised version of the degree requirements.
 - ii. All BSEnvE students may now take as few as 3 environmental engineering electives units in EECE. Up to 9 environmental engineering electives units from the list of approved courses may be taken outside of EECE.
 - iii. Either EECE 204 (Thermodynamics II) or EECE 308 (Water Resources Engineering) will count towards the core requirements of current BSEnvE students. If both courses are taken, the other course will count as an environmental engineering elective in EECE.
4. **Course Adjustments for Fall 2023**
 - a. **EECE 308 (Water Resources Engineering) will be newly offered this fall.** EECE 301 (Transport Phenomena I) is a prerequisite for EECE 308.
 - b. **EECE 501 (Transport Phenomena) will be offered in Spring 2024 instead of Fall 2023.**
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 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 also 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.