

ECE Curriculum Committee Meeting

Tuesday, April 8th, 2025

Attending: Arabshahi, Bushnell, Chen, Dela Cruz, Fazel, Hauck, Kirschen, Overly, Rudell, Shepard, Swanson, Van Fossen

Absent: Huberman, Kaushansky, Majumdar, Moritz, Reyes

Minutes of Mar. 11th, 2025: Approved

Slides: [Link](#)

Agenda:

1. Need to Address ABET Engineering Credits for the BSECE Degree
2. Annual ABET Curriculum Group Review Process for Spring Quarter

Need to Address ABET Engineering Credits for the BSECE Degree

Overly brought to the committee's attention that due to changes in the curriculum, especially the change in CSE moving to a self-placement method for its programming course forcing the department to only require CSE 123 (4 cr.) instead of the originally required 9 credits of programming (CSE 142 (5) and CSE 143 (4cr.)); with the replacements of core courses and changes to Computer Science and Engineering requirements, the number of Engineering Credits that count towards ABET requirements has fallen to 65 credits, if EE 393 is not considered. (Committee has previously discussed removal of the EE 393 requirement.)

- Refer to [slides](#) 3 – 10
- Overly proposed three possible solutions to meeting the ABET required credits
 - 1) Add ECE courses, such as EE 391 to the list of Core requirements for the BSECE degree
 - 2) Add 3-8 credits of general Engineering Electives to the list of requirements for the BSECE degree
 - 3) Increase the number of Advanced ECE Electives from 36 to 39
- Arabshahi noted that adding courses to degree requirements could solve the lack of credits
 - There is also the issue of whether ECE has the resources to make sure added courses are being offered sufficiently often for all students to have an opportunity to take.
- Van Fossen raised the possible issue of changing the number of required credits will affect transfer students the most

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- Adding to the number of Advanced ECE Electives could make it harder for transfer students to take the required courses in the 2-year academic plan they have
- Adding general Engineering Electives could give transfer students an opportunity to already have that requirement fulfilled
- Members expressed desire to keep maximum flexibility for students by adding as few credits as possible, while also preferring to keep the added credits within the ECE course offerings.
- **Motion to increase the Advanced ECE Electives by 3 credits to take the Advanced ECE Electives to 39 credits**
 - **Motion approved**

Annual ABET Curriculum Group Review Process for Spring Quarter

This discussion has been moved to the following meeting