Physics - Concentration D (BS) Dual Degree with Electrical Engineering (BSEE) Five-Year Plan

Bachelor of Science in Physics, Concentration D: Dual Degree with Electrical Engineering (BSEE) 2022-2023 Five-Year Plan*

|    | Freshman |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |   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7. ENMA 480 satisfies the PHYS Philosophy & Ethics requirement in the Physics curriculum.

The General Education requirements in information literacy and research, impact of technology, and philosophy and ethics are met through the Electrical Engineering major/degree. The upper-division General Education requirement is met through the completion of a second major/degree.

Electrical engineering majors must earn a grade of C or better in all 200-level ECE courses prior to taking the next course in the sequence.

Any ECE course registration issues are to be resolved with the ECE Academic Coordinator and Program Manager.

The five-year plan is a suggested curriculum to complete this degree program in five years. It is just one of several plans that will work and is presented only as broad guidance to students. Each student is strongly encouraged to develop a customized plan in consultation with their academic advisor. Additional information can also be found in Degree Works.

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1. ENGN 110 satisfies the Physics Approved Seminar requirement in the Physics curriculum.
2. ECE 111 satisfies the PHYS Information Literacy & Research requirement in the Physics curriculum.
3. ECE 287 satisfies the PHYS 303 requirement in the Physics curriculum.
5. PHYS 453 and PHYS 456 offered spring semester only.
6. Electrical Engineering students need four technical elective courses selected from one of two options: (1) four 400-level ECE technical elective courses; (2) three 400-level ECE technical elective courses and one 300-level ECE technical elective course or one approved 300- or 400-level CS/MATH/Engineering course.
7. ENMA 480 satisfies the PHYS Philosophy & Ethics requirement in the Physics curriculum.