# Electrical- Power & Energy Systems Concentration Catalog 2019

## Fall
- **Math 141 or 147 (4)**<br>Prereq: Math 130 or Math 28 ACT or Math 630 SAT<br>Coreq: Math 141 or 147 and EF 151 or 157 (4)<br>English 101/118 or 198 or 131 (3)<br>Prereq: Math 130 or Math 28 SAT<br>Coreq: Math 141 or 147 and EF 151 or 157<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147 and EF 152/158<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147 and EF 151 or 157<br>Prereq: Math 141 or 147<br>Prereq: Math 130 or Math 28 ACT<br>Coreq: Math 141 or 147 and EF 151 or 157<br>Prereq: Math 141 or 147 and EF 151 or 157

## Spring
- **Math 142 or 148 (4)**<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147 and EF 152/158<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147 and EF 151 or 157<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147 and EF 152/158

## Fall
- **ECE 255 (3)**<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147 and EF 152/158<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147 and EF 152/158

## Spring
- **Math 241 or 247 (4)**<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147 and EF 152/158<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147 and EF 152/158

## Fall
- **ECE 315 (3)**<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147 and EF 152/158<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147 and EF 152/158<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147 and EF 152/158

## Spring
- **ECE 316 (3)**<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147 and EF 152/158<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147<br>Prereq: Math 141 or 147 and EF 152/158

## Progression
The department requires at least a C in every computer engineering, computer science, electrical engineering, and mathematics course used for the undergraduate degrees. ECE 201 requires a C or better in EF 152/158 and Math 142/148.

Progression of departmental undergraduate students to the upper-division programs of the department is competitive and is based on the space available in the department. Factors considered in the decision include overall grade point average, grades earned in courses required in the lower division curricula of the department and College of Engineering, and seriousness of purpose and interest in departmental programs as exemplified by regular and orderly progress through the prescribed curriculum without abuse of withdrawal and course repeat privileges.

Students who take ECE 300 (now ECE 201-202) will be evaluated during the semester they are registered for it. Transfer students for whom ECE 300 (now ECE 201-202) transfer credit is given may take 9 semester hours in departmental courses before progression evaluation. All students, whether or not they transfer in, who are not accepted into the upper-division program of the department will be put in either a temporary probationary status or a non-progressed status and will not be permitted to register for any upper division courses within the department.

Students also have opportunities for an Honors Concentration and/or a five year BS/MS program. See the Undergraduate Catalog for details and requirements.