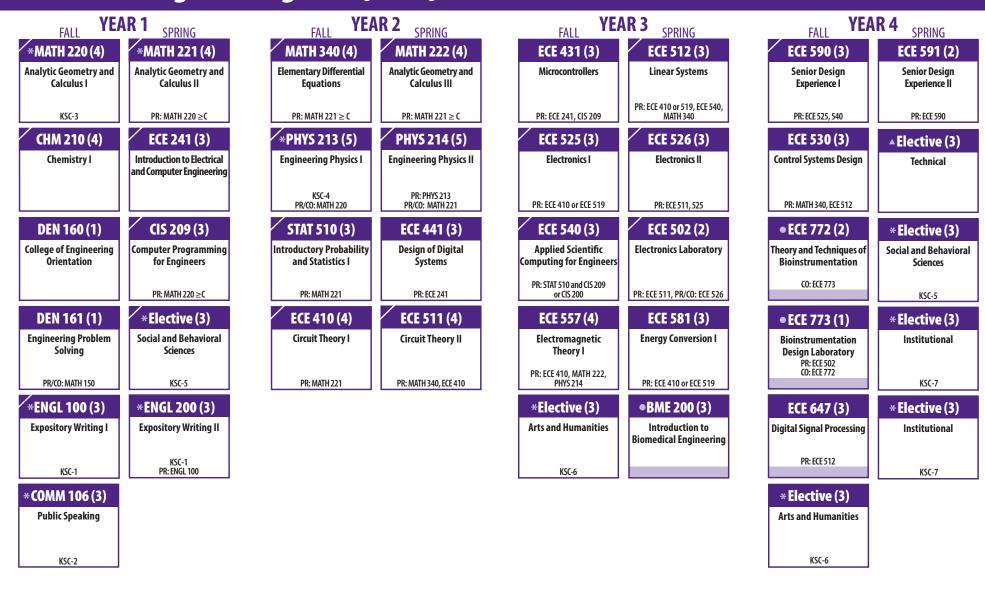
## **Electrical Engineering** (Bioengineering)

(16 credit hours)

(16 credit hours)

College of Engineering

#### 123 credit hours total



KEY

■ Prerequisite for another course PR = Prerequisite requirement PR/C0 = Prerequisite requirem

(16 credit hours)

(16 credit hours)

(14 credit hours)

(16 credit hours)

(15 credit hours)

(14 credit hours)

# **Electrical Engineering Curriculum Notes**

Students pursuing a B.S. in electrical engineering degree are required to complete one of the subplan options. These options include bioengineering, electronics and communications, and power systems.

For the good and benefit of the student and their future employer, the ECE department enforces a C-prerequisite policy for all courses listed by number in the curriculum and for any in-major technical elective course applied toward the degree. A grade of C or better must be earned in all prerequisites to such a course before enrolling in that course.

### **Technical Electives**

Technical electives must be selected to complete one of the option areas.

See list of option areas and required electives at **ece.k-state.edu/academics/undergraduate/electrical-engineering/specialization/**.

No more than 12 credit hours of courses with prefix ECE may be transferred to Kansas State University for credit toward a bachelor's degree in either electrical engineering or computer engineering. Further, those courses selected for transfer credit must be equivalent to courses in the list below and must be such that the prerequisites for the listed course are also satisfied. Any courses transferred must be taken from ABET accredited programs: ECE 210, ECE 241, ECE 410, ECE 525, ECE 557, ECE 581.

### **K-State Core**

The K-State Core (KSC) is the university's version of the systemwide general education framework established by the Kansas Board of Regents.

**KSC requirement 1** – English (6 hours)

**KSC requirement 2** – Communications (3 hours)

**KSC requirement 3** – Math and Statistics (3 hours)

**KSC requirement 4** — Natural and Physical Sciences (4-5 hours)

**KSC requirement 5\*** – Social and Behavioral Sciences (6 hours)

**KSC requirement 6\*** – Arts and Humanities (6 hours)

**KSC requirement 7** – Institutional Electives (6 hours)

To view course lists for each requirement, visit **k-state.edu/provost/kstate-core**.

\*Requires two courses from two different subject areas.

