**Electrical Engineering 2018-2019**

**RF and Microwaves Track**

- **MAC1140** & **MAC1114 - C or better grades**
  - **MAC2311** Calculus I (4)
  - **PHY 2048C** Physics for Engineers I (4)
  - **CHS 1440** Principles of Chemistry (4)
  - **FTIC requirement**
    - **EGS 1006C** Intro to Engineering (1)
    - **EGN 1007C** Engr. Concepts and Methods (1)
    - See Advisor Tech Electives (10-14)

- **MAC2312** Calculus II (4)
  - **MAC2313** Calculus III (4)
  - **PHY 3101** Physics for Engineers III (3)

- **Physics for Engineers III (3)**
  - **PHY 2049C** Physics for Engineers II (4)
  - **EEG 1006C** Intro to Engineering (1)
  - **EGN 1007C** Engr. Concepts and Methods (1)

- **MAC 2312** Calculus II (4)
  - **MAC 2313** Calculus III (4)
  - **MAP 2302** Differential Equations (3)

- **STA 3032** Probability / Statistics (3)

- **Select 2 Junior Electives**
  - **EEE 3350** Semiconductor Devices 1 (3) PR: EEL 3004C, PHY 3101
  - **EEL 3552C** Analog & Dig Comm (4) PR: EEL 3123C
  - **EEL 3657** Linear Control Systems (3) PR: EEL 3123C

- **See Advisor Tech Electives (12-16)**

- **Select 3 Senior Electives**
  - **EEL 4436C** Microwave Engineering (4) PR: EEL 3470
  - **EEL 4140C** Analog Filter Design (4) PR: EEL 3123C
  - **EEL 4512C** Digital Comm (4) PR: STA 3032, EEL 3552C, EEE3907C
  - **EEL 4518** Satellite Comm (3) PR: EEL 3552C

- **See Advisor Tech Electives (10-14)**

- **Select 3 Senior Electives**
  - **EEL 4914** Senior Design I (3)
  - **EEL 4915L** Senior Design II (3)

- **PREREQUISITE:**
  - **COREQUISITE:**
    - **KEY**
      - **CIRITICAL PATH COURSES**

- **Pending requirements**

- **Grade of C (2.0) or better is required.**