Electrical Engineering 2018-2019
Communications & Signal Processing Track

High School Chemistry or Chemistry Placement

MAC1140 & MAC1114 - C or better grades

- MAC 2311**
  Calculus I (4)

- MAC 2312**
  Calculus II (4)

- MAC 2313**
  Calculus III (4)

- MAP 2302**
  Differential Equations (3)

- PHY 2048C**
  Intro to Applied Randomness for Engineers (3)

- EEL 3342C**
  Digital Systems (3)

- PHY 3101
  Physics for Engineers III (3)

- EEL 3004C**
  Electrical Networks (3)

- EEE 3123C**
  Networks & Systems (3)

- EEE 3307C
  Electronics I (4)

- EEL 3552C
  Analog & Digital Communication Systems (4)

- EEL 3801C**
  Computer Organization (4)

- EEL 3926L
  Junior Design (1)

- EEL 4140C
  Analog Filter Design (4)

- EEL 4518
  Satellite Communications (3)

- EEL 4742C
  Embedded Systems (3)

- EEL 4750
  DSP Fundamentals (3)

- EEL 4781
  Computer Comm Networks (3)

Select 2
Junior Electives

- EEE 3350
  Semiconductor Devices I (3)

- EEL 3470
  Electromagnetic Fields (3)

- EEL 3657
  Linear Control Systems (3)

CHS 1440**
Principles of Chemistry (4)

See Advisor
Tech Electives
(11-12)

Transfer requirement

Select 2
Senior Electives

- EEL 4914
  Senior Design I (3)

- EEL 4915L
  Senior Design II (3)

FTIC requirement

- EGS 1006C
  Intro to Engineering (1)

- EGN 1007C
  Engr. Concepts and Methods (1)

- See Advisor
  Tech Electives
  (9-10)

- EEL 4140C
  Analog Filter Design (4)
  PR: EEL 3123C

- EEL 4518
  Satellite Communications (3)
  PR: EEL 3552C

- EEL 4781
  Computer Comm Networks (3)
  PR: EEL 3801C and STA 3032

See Advisor
Tech Electives
(9-10)

Critical path courses

CRITICAL PATH COURSES

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