**2017-2018 Electrical Engineering BSE 4-year Flow Chart**

**AREA PATHWAYS (need 4 pathway classes)  TECHNICAL ELECTIVE AREAS OF EMPHASIS (Need 15 credits in technical electives)**

**EEE 304** [prereq EEE 203] Comm, Sig Processing & Controls  EEE 404 (S), 407 (F,S), 455 (F,S), 459 (F,S), 480 (F,S), 481 (F,S)

**EEE 335** [prereq EEE 334] Electronic Circuits  EEE 425 (F,S), 433 (F,S)

**EEE 341** [prereq EEE 203, EEE 241] Electromagnetics  EEE 443 (S), 445 (F), 448 (F)

**EEE 352** [prereq CHM 114, EEE 241, PHY 241] Physical Electronics and Photonics  EEE 434 (F), 435 (F), 436 (F,S), 437 (S), 439 (F), 465 (S)

**EEE 360** [prereq EEE 202; pre/co req EEE 241] Power Systems  EEE 460 (S), 463 (F), 470 (F), 471 (S), 472 (N), 473 (N)

**EEE 333** [prereq EEE 202] Computer Engineering  EEE 404 (S)

**UNIVERSITY GENERAL STUDIES REQUIREMENTS (HU/SB)**

**Humanities/Social Behavioral Studies (15 credits)**
- Humanities (6)  Social Behavioral (6)  Upper Division HU or SB (3)
- 1.________  1.________  1.________
- 2.________  2.________

**Awareness Areas (can be covered in the 5 HU/SB classes)**
- Cultural Diversity
- Global Awareness
- Historical Awareness

*LC Literacy and Critical Inquiry (6) – Met with EEE 488 and EEE 489

NOTE: 4 Area Pathway courses and 15 hours of Technical Elective credits are required for the program. Students can take additional Pathway courses and EEE 498 Special Topics courses to satisfy Technical Elective credits. With department approval, a maximum of 4 out-of-department credits can be taken to satisfy a Technical Elective (see Advising Office for list of approved classes).

**NOTE:** Area Pathway course (4)
**1st Year**
- **FALL**
  - MAT 265 (3)
  - CHM 114 (4)
  - FSE 100 (2)
  - CSE 100 (3)
  - ENG 101 (3)
  - ASU 101-EEE (1)
  - (16)
- **SPRING**
  - MAT 266 (3)
  - PHY 121 (3)
  - PHY 122 (1)
  - EEE 120 (3)
  - ENG 102 (3)
  - HU (3)
  - (16)

**2nd Year**
- **FALL**
  - MAT 267 (3)
  - PHY 131 (3)
  - EEE 202 (4)
  - EEE 241 (3)
  - PHY 241 (3)
  - HU (3)
  - (14)
- **SPRING**
  - MAT 342/343 (3)
  - EEE 203 (3)
  - EEE 241 (3)
  - EEE 230 (3)
  - EEE 120 (3)
  - EEE 241 (3)
  - (15)

**3rd Year**
- **FALL**
  - EEE 350 (3)
  - Area Pathway course (4)
  - (14)
- **SPRING**
  - Area Pathway course (4)
  - Area Pathway course (4)
  - EEE 230 (3)
  - EECN 211/212 (3)
  - SB (3)
  - (15)

**4th Year**
- **FALL**
  - Area Pathway course (4)
  - Area Pathway course (4)
  - Area Pathway course (4)
  - EEE 230 (3)
  - EEE 488 (3)
  - EEE 489 (3)
  - (15)
- **SPRING**
  - Area Pathway course (4)
  - Area Pathway course (4)
  - Area Pathway course (4)
  - Tech Elect (3)
  - Tech Elect (3)
  - Tech Elect (3)
  - Tech Elect (3)
  - HU/SB (3)
  - (15)

( ) indicates typical semester offered: F=Fall, S=Spring, N=Not regularly