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

### 1st Year

**FALL**
- MAT 265 (3)
- CHM 114 (4)
- FSE 100 (2)
- HON 171 (3)
- CSE 100 (3)
- ASU 101-EEE (1)

**SPRING**
- MAT 266 (3)
- PHY 121 (3)
- PHY 122 (1)
- EEE 120 (3)
- ENG 105 (3)
- HON 272/273 (3)

**2nd Year**

**FALL**
- MAT 267 (3)
- MAT 274/275 (3)
- PHY 131 (3)
- EEE 241 (3)
- EEE 202 (4)
- PH 241 (3)

**SPRING**
- MAT 342/343 (3)
- EEE 203 (3)
- EEE 334 (4)
- EEE 202 (5)
- PHY 132 (3)
- PHY 241 (3)

**3rd Year**

**FALL**
- EEE 350 (3)
- Area Pathway course (4)
- Area Pathway course (4)
- Area Pathway course (4)
- Area Pathway course (4)

**SPRING**
- EEE 488 (3)
- Tech Elect (3)
- Tech Elect (3)
- Tech Elect (3)
- 300+ HU/SB (3)

**4th Year**

**FALL**
- EEE 489 (3)
- Tech Elect (3)
- Tech Elect (3)
- Tech Elect (3)
- 300+ HU/SB (3)

**SPRING**
- Tech Elect (3)
- Tech Elect (3)
- Tech Elect (3)
- Tech Elect (3)
- Tech Elect (3)

### Area Pathways (need 4 pathway classes)

- EEE 304 [prereq EEE 203]
- EEE 335 [prereq EEE 334]
- EEE 341 [prereq EEE 203, EEE 241]
- EEE 352 [prereq CHM 114, EEE 241, PHY 241]
- EEE 360 [prereq EEE 202; pre/co req EEE 241]
- EEE 333 [prereq EEE 202]

### Technical Elective Areas of Emphasis (Need 15 credits in technical electives)

- Comm, Sig Processing & Controls
- Electronic Circuits
- Electromagnetics
- Physical Electronics and Photonics
- Power Systems
- Computer Engineering

- EEE 404 (S), 407 (F,S), 455 (F,S), 459 (F,S), 480 (F,S), 481(F,S)
- EEE 425 (F, S), 433 (F, S)
- EEE 443 (S), 445 (F), 448 (F)
- EEE 434 (F), 435 (F), 436 (F,S), 437 (S), 439 (F), 465 (S)
- EEE 460 (S), 463 (F), 470 (F), 471 (S), 472 (N), 473 (N)
- EEE 404 (S)

### University General Studies Requirements (HU/SB)

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

**Prerequisite**

**Area Pathway**

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

### Student Notes

- = example 18 hrs lower division with HON 171+172
- = example 18 hrs upper division with 2 courses outside EE and 488+489 taken for Thesis

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