A minor in electrical engineering consists of 18 credit hours with at least 6 at the 300 level or higher. Check course descriptions for any prerequisites or corequisites that you must also take. Courses may not be offered every semester. Courses to be used to meet these requirements may also be used to meet major or liberal studies requirements.

Recommended Sequences (Additional course(s) may be required to reach 18 credits)

1. Analog Electronics
   EE 188 + EE 188L → EE 280 → EE 380 → EE 480 or EE 483 or EE 484 (15 + 3 more cr.)
   & EE 110 → EE 482 (19 cr.)
   (Coreq. MAT 136) (Prereq. MAT 137)
   (Coreq. MAT 125)

2. Signals and Systems
   EE 188 + EE 188L → EE 280 → EE 348 → EE 430, 434, 442, 448 (18 cr.)
   & EE 325
   (Coreq. MAT 136) (Prereq. MAT 239, CS 122 & CENE 225)

3. Digital Electronics/Embedded Systems
   EE 110 → EE 215 → EE 310 → EE 410 or EE 414 (15 cr. + 3 more cr.)
   (Coreq. MAT 125) (Prereq. CS 122)

4. Digital Electronics/Digital Design
   EE 110 → EE 215 → EE 412 (11 cr. + 7 more credits)
   (Coreq. MAT 125) (Prereq. CS 122)

5. Power Systems/Motors
   & EE 188 + EE 188L → EE 325 → EE 364 → EE 401 or EE 405 or EE 464 (14 cr. + 4 more cr.)
   (Coreq. MAT 136) (Prereq. PHY 262)
   (Prereq. MAT 239, CS 122 & CENE 225)

6. Control Systems
   EE 188 + EE 188L → EE 325 → EE 458 (10 cr. + 8 more credits)
   (Coreq. MAT 136) (Prereq. MAT 239, CS 122 & CENE 225) (Prereq. PHY 262)

Other Possible Courses – EE 222 (C Programming), EE 386W (Junior Design), EE 435 (Error Coding), EE 470 (Biomedical), EE 476C + EE 486C (Senior Design), EE 490 (various topics)