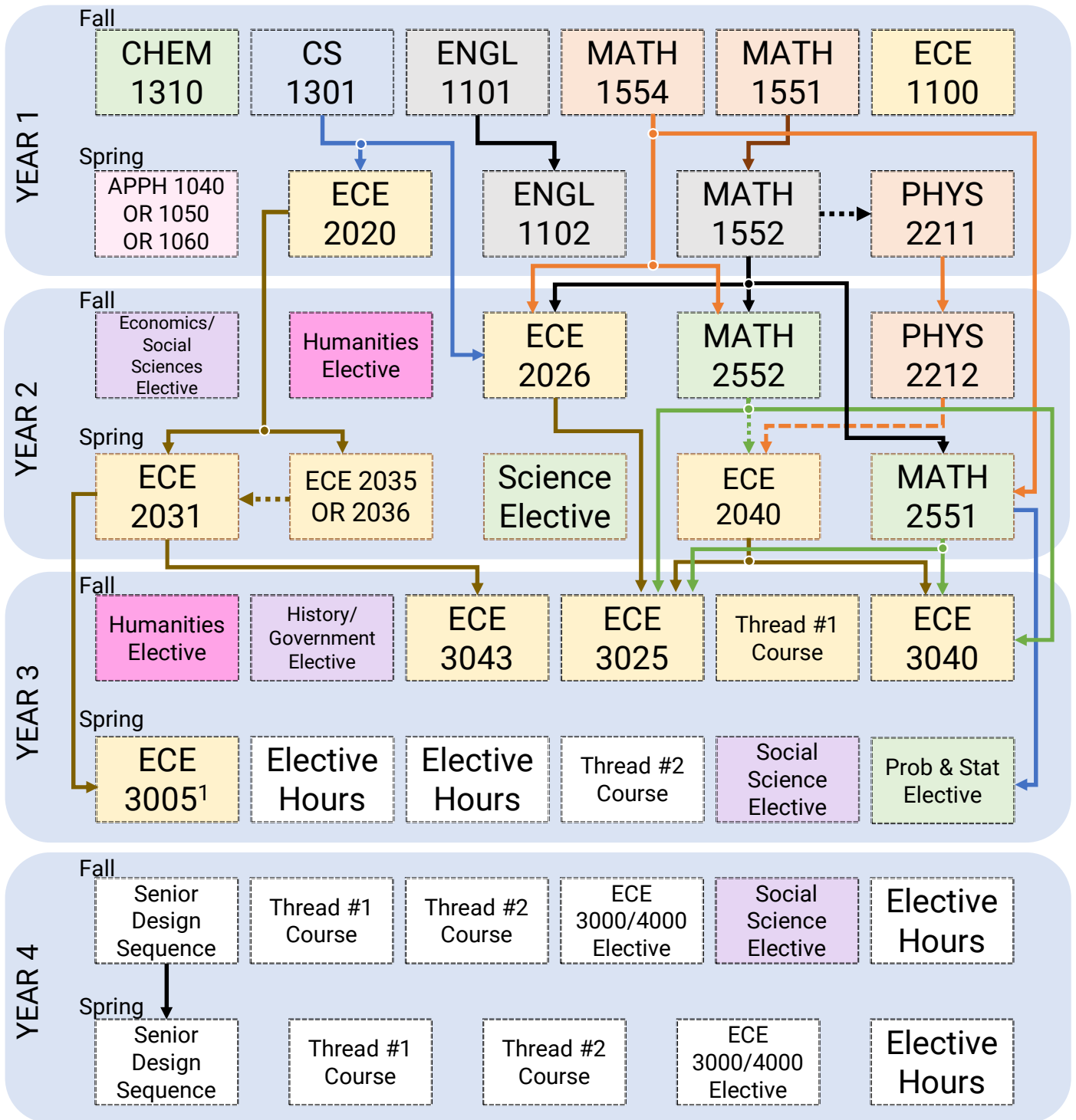


Electrical Engineering



¹ Pre-requisite: ECE 2031, Prerequisite with concurrency: ECE 3025 OR 3040 OR 3072 OR 3084 OR 3030 OR 3058

←..... Pre-requisite with concurrency
 ← Pre-requisite

- Pre-requisite: Course completion required prior to registering for the listed course
- Pre-requisite with concurrency: Course completion required prior to or concurrently with listed course
- This is a sample order of courses to show the pre-requisite chains for core courses, courses as part of pre-requisite chains are recommended to be taken as early as possible. Other courses without pre-requisite courses can be taken in any order

| Electrical Engineering Thread 8 Semester Plan | | | | | |
|-----------------------------------------------|-----------|-------|-----------------------------|-----------|-------|
| FIRST YEAR-FALL | HR | Notes | FIRST YEAR-SPRING | HR | Notes |
| CHEM 1310 | 4 | | ECE 2020 | 3 | 7 |
| CS 1301 | 3 | 7 | ENGL 1102 | 3 | |
| ECE 1100 | 1 | | MATH 1552 | 4 | 7 |
| ENGL 1101 | 3 | | PHYS 2211 | 4 | 7 |
| MATH 1551 | 2 | 7 | APPH 1040 OR 1050 | 2 | 7 |
| MATH 1554 | 4 | 7 | | | |
| | | | | | |
| TOTAL SEMESTER HOURS | 17 | | TOTAL SEMESTER HOURS | 16 | |

| SECOND YEAR-FALL | HR | Notes | SECOND YEAR-SPRING | HR | Notes |
|-----------------------------------|-----------|-------|-----------------------------|-----------|-------|
| ECE 2026 | 3 | 7 | ECE 2031 | 2 | 7 |
| Economics/Social Science Elective | 3 | | ECE 2035 or 2036 | 4 | 7 |
| Humanities Elective | 3 | | ECE 2040 | 3 | 7 |
| MATH 2552 | 4 | 7 | MATH 2551 | 4 | 7 |
| PHYS 2212 | 4 | 7 | Science Elective | 3 | |
| | | | | | |
| TOTAL SEMESTER HOURS | 17 | | TOTAL SEMESTER HOURS | 16 | |

| THIRD YEAR-FALL | HR | Notes | THIRD YEAR-SPRING | HR | Notes |
|-----------------------------|-----------|-------|-----------------------------|-----------|-------|
| ECE 3040 | 4 | 7 | ECE 3005 | 1 | |
| ECE 3043 | 2 | 7 | Elective Hours | 3 | 1 |
| ECE 3025 | 3 | 7 | Prob & Stat Elective | 3 | 6 |
| Thread #1 Course | 3 | 3,4,7 | Thread #2 Course | 3 | 3,4,7 |
| History/Government Elective | 3 | 5 | Social Science Elective | 3 | |
| Humanities Elective | 3 | | Elective Hours | 3 | 1 |
| | | | | | |
| TOTAL SEMESTER HOURS | 18 | | TOTAL SEMESTER HOURS | 16 | |

| FOURTH YEAR-FALL | HR | Notes | FOURTH YEAR-SPRING | HR | Notes |
|-----------------------------|-----------|-------|-------------------------------|------------|-------|
| Senior Design Sequence | 1 | 2 | Senior Design Sequence | 2 | 2 |
| Thread #1 Course | 3 | 3,4,7 | Thread #1 Course | 3 | 3,4,7 |
| Thread #2 Course | 3 | 3,4,7 | Thread #2 Course | 3 | 3,4,7 |
| ECE 3000/4000 Elective | 3 | | ECE 3000/4000 Elective | 3 | |
| Elective Hours | 2 | 1 | Elective Hours | 3 | 1 |
| Social Science Elective | 3 | | | | |
| | | | | | |
| TOTAL SEMESTER HOURS | 15 | | TOTAL SEMESTER HOURS | 14 | |
| Notes: | | | TOTAL HOURS FOR DEGREE | 129 | |

- (1) Elective hours depend on thread picks and Senior Design Option, an Ethics course is required
- (2) See degree options for senior design
- (3) Thread hours may depend on thread picks
- (4) For shared thread courses, select an additional ECE 3000/4000 elective or pick
- (5) HIST 2111/2112 or POL 1101 or INTA 1200 or PUBP 3000, check GLR requirements
- (6) CEE 3770 or ISYE 3770 or MATH 3670 or ECE 3077 (must be taken for Letter Grade basis)
- (7) Minimum grade of C required