The anticipation at OSU and most institutions of higher education is that for one semester credit hour (SCH) the student spends one hour per week in lecture (two for lab courses) and two hours studying outside of class (one for lab courses). A three credit hour class requires, on average, about nine hours per week. This study plan is recommended for students who will devote full time to university studies and do not have excessive extracurricular activities or other obligations.

**Suggested Course Plan**
The anticipation at OSU and most institutions of higher education is that for one semester credit hour (SCH) the student spends one hour per week in lecture (two for lab courses) and two hours studying outside of class (one for lab courses). A three credit hour class requires, on average, about nine hours per week. This study plan is recommended for students who will devote full time to university studies and do not have excessive extracurricular activities or other obligations.

**NOTES:**
1) Chemistry 1515 may be substituted for CHEM 1414 and should be taken by all students considering medical school.
2) Students with less than a "B" in ENGL 1113 or 1313 must take ENGL 1213 or 1413 prior to ENGL 3323.
3) A total of at least 6 hours designated "H" and 6 hours designated "S" are required. Of these, 3 hrs must meet the International Dimension "I" component and 3 hrs must meet the Diversity "D" component.
4) (blank)
5) CS 2433 may be taken instead of CS 2133.
6) General Physics I and II are key prerequisites and should be taken at the earliest possible time.
7) Must be at least 3 SCH.
8) The line indicates this course has a co-requisite and must be taken together.
9) Must be approved by ECE advisor and satisfy current Area of Specialization requirements.
10) Should be chosen from ECEN 3113, 3613, 3723, and 3913, not taken elsewhere.
11) (blank)
**Professional School Entry Requirements:**

- Completion of at least 60 college level semester credit hours (SCH).
- Completion of at least 12 SCH from OSU.
- Completion of MATH 2144, 2153, 2163, 2233; PHYS 2014 and 2114; CHEM 1414; ENGR 1111, 1342; ENSC 2113, 2613, 3213; ECEN 2011, 3233; ENGL 1113 or 1313; CS 1113, 2133 or 2433.
- A grade of "C" or better in each of those courses listed above.
- An overall GPA of 2.6 or better at OSU.
- A GPA of 2.7, or better, in all of the college-level math, science and engineering courses required for the B.S. in Electrical Engineering.

- This flowchart is only an advising instrument. When conflicts occur, the official 2016-2017 Degree Requirement Sheet takes precedence. Always check for the most current version of this flowchart.
- Admission to Professional School is required to take upper level ECEN-prefix courses. Please refer to the OSU Catalog corresponding to your matriculation date for detailed admission requirements.

**Electrical Engineering Course Plan (EE)**

- **Semester 5**  
  16 Credit Hours
  - ENGL 3323 Technical Writing
  - MATH2153  
  - ECEN2011 Network Analysis
  - ECEN3714 Linear Algebra
  - ENSC2613 MATH2233

- **Semester 6**  
  16 Credit Hours
  - IEM 3503 Engr Economics
  - MATH2153  
  - ECEN3714 Signal Analysis
  - ECEN2011 Electr Dev & Appl
  - ENSC2613 ENSC3213

- **Semester 7**  
  15 Credit Hours
  - ECEN2011 ENSC3213 ECEN3233 ECEN3314 ECEN4013 ENGL3323
  - ECEN4503 Random Signals
  - ECEN3314 Electr Dev & Appl
  - ECEN4013
  - ENSC3213  
  - ENSC3613  
  - ENSC3714  

- **Semester 8**  
  16 Credit Hours
  - ECEN4024 Senior Design II
  - ECEN4013  
  - "H" Elective (3)
  - "S/I/D" Elective (3)
  - ECEN Elective (3)
  - ECEN Elective (3)

Note 3,7

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