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 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) CHEM 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 3 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) ECEN 2714 replaces ENSC 2613 effective fall 2018.
5) General Physics I and II are key prerequisites and should be taken at the earliest possible time.
6) 6 SCH during the junior/senior year to meet the CpE Breadth requirement on the CpE Course Advising Sheet.
7) Must be at least 3 SCH.
8) 3 SCH during the junior/senior year to meet the Controlled Elective requirement on the CpE Course Advising Sheet.
9) Either CS 4323 or ECEN 4283 (if not previously used) is acceptable. Refer to the CpE Course Advising Sheet.
Computer Engineering Course Plan (CpE) 2020-2021

Years 3 and 4

Semester 5
16 Credit Hours

- ENGL 3323 Technical Writing 3/0
- ECEN3613 Appl Fields and Waves 3/0
- ECEN3314 Electr Dev & Appl 3/2
- MATH 3013 Linear Algebra 3/0
- CS 3353 Data Structures 3/0

Semester 6
15 Credit Hours

- IEM 3503 Engr Economics 3/0
- ECEN 3513 Signal Analysis 3/0
- ECEN 4243 Comp Arch 3/0
- Cpe Breadth (3) Note 6,7
- “H” Elective (3) Note 3,7

Semester 7
15 Credit Hours

- ECEN 4013 Design Engr Sys 2/2
- ECEN 4503 Random Signals 3/0
- ECEN 4303 Dig Elec Ckt Des 2/2
- ECEN 4213 Emb Comp Sys 2/2
- “S” Elective (3) Note 3,7

Semester 8
16 Credit Hours

- ECEN 4024 Capstone Design 0/8
- Controlled Elective (3) VARIES Note 8
- CS 4323 Op Systems 3/0, Note 10
- Cpe Breadth (3) Note 6,7
- “H” Elective (3) Note 3,7

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- This flowchart is only an advising instrument. When conflicts occur, the official 2020-2021 Degree Requirement Sheet takes precedence. Always check for the most current version of this flowchart.
- Be sure to pay careful attention to the prerequisite requirements, grade requirements, and other official information on Banner. Some prerequisites also have minimum grade requirements. Grade requirements are not shown on this flowchart.
- Consult your Advisor if you have any questions or need clarification.