

Student Information

Name: _____ OSU Email: _____

Suggested Curriculum

This should be used as a guide only. Semester offerings are subject to change.

This guide is intended for students without programming experience. Students with programming experience have the option to take the placement test for CSE 2221.

Year	Autumn	Spring
1	___ PHYSICS 1250 (<i>Mechanics, Thermal, Waves</i>) 5 hr ___ MATH 1151 (<i>Calculus 1</i>) 5 hr ___ ENGR 1181 (<i>Fundamentals of ENGR 1</i>) 2 hr ___ ENGR 1100 (<i>Engineering Survey</i>) 1 hr ___ CSE 1222 or 1223 (1223 preferred)..... 3 hr	___ MATH 1172 (<i>Calculus 2</i>)..... 5 hr ___ ENGR 1182 (<i>Fundamentals of ENGR 2</i>)..... 2 hr ___ CSE 2221 (<i>Software 1</i>)..... 4 hr ___ English 1110.xx (<i>First Writing GE</i>) 3 hr ___ General Education..... 3 hr
2	___ CSE 2231 (<i>Software 2</i>)..... 4 hr ___ CSE 2321 (<i>Foundations 1</i>)..... 3 hr ___ STAT 3470 (<i>Probability & Stats</i>)..... 3 hr ___ Math or Science Elective..... 4 hr ___ General Education..... 3 hr	___ CSE 2331 (<i>Foundations 2</i>)..... 3 hr ___ CSE 2421 (<i>Systems 1</i>)..... 4 hr ___ ECE 2060 (<i>Digital Logic</i>)..... 3 hr ___ MATH 3345 (<i>Foundations of Higher Math</i>)..... 3 hr ___ General Education 3 hr
3	___ CSE 2431 (<i>Systems 2</i>)..... 3 hr ___ CSE 390x (<i>Project</i>)..... 4 hr ___ ECE 2020 (<i>Analog Systems</i>)..... 3 hr ___ Math or Science Elective..... 4 hr ___ General Education 3 hr	___ CSE 3231/3241 (<i>Software Eng/Databases</i>)..... 3 hr ___ CSE 3421/3461 (<i>Architecture/Networking</i>)..... 3 hr ___ CSE 3521/3541 (<i>AI/Graphics</i>)..... 3 hr ___ CSE 2501 (<i>Professionalism & Ethics</i>)..... 1 hr ___ MATH 2568 (<i>Linear Algebra</i>)..... 3 hr ___ General Education 3 hr
4	___ CSE 3341 (<i>Prog Lang</i>)..... 3 hr ___ CSE (<i>Technical Elective</i>)..... 3 hr ___ CSE (<i>Technical Elective</i>)..... 3 hr ___ CSE (<i>Technical Elective</i>)..... 3 hr ___ General Education 3 hr	___ CSE 591x (<i>Capstone Design</i>)..... 4 hr ___ CSE (<i>Technical Elective</i>)..... 3 hr ___ CSE (<i>Technical Elective</i>)..... 3 hr ___ CSE (<i>Technical Elective</i>)..... 2 hr ___ General Education 3 hr

Total Hours to complete the degree program = 126

Program Options

CSE students wishing to explore options for technical/other electives or specific program information should visit <https://cse.osu.edu>. Still have questions? Contact an academic advisor in the CSE Advising Office (374 Drees Labs).

Acceptance Criteria

Acceptance into this program is competitive and based on the OSU cumulative point hour ratio upon completion of Engineering 1100.xx; Engineering 1181, 1182, Physics 1250, CSE 2221; Math 1151; English 1110.xx; and fifteen (15) or more enrolled credit hours completed at Ohio State.

Applications are accepted every academic term (Autumn, Spring, Summer).

General Education Requirement

Writing and Communication

English 1110.xx 3 hr

Second Writing Course 3 hr

Social Science

Must choose each course from a distinct subgroup of this category.

3 hr

3 hr

Literature

3 hr

Visual and Performing Arts

3 hr

Historical Study

3 hr

Second Historical Study or Cultures and Ideas

3 hr

Social Diversity in the U.S. or Global Diversity

Some courses may overlap with another GE category. See course list.

0 / 3 hr

Ethics

Some courses may overlap with another GE category. See course list.

0 / 3 hr

Optional: Foreign Language

Foreign Language 1103 Course: credit (including EM) for a foreign language sequence through 1103, or credit for a foreign language course with a prerequisite of 1103, can be used to satisfy the Cultures & Ideas Gen Ed category.

Foreign Language Minor Courses: completion of a foreign language minor permits a student to overlap up to 6 credit hours between the Gen Ed and minor. A curricular petition must be submitted to the student's program, which will forward it to the college for review. The courses must meet the spirit of the Gen Ed category for which overlap is requested.

Optional: University Capstone

Completion of a Social Science 3597 or 4597 can be substituted for a Social Science general education course in any subgroup. Completion of an Arts & Humanities 3597 or 4597 can be substituted for a Visual/Performing Arts general education course.

See the list of approved general education courses for additional details: www.advising.engineering.osu.edu.