

COMPUTER ENGINEERING (CPE), MINOR

Requirements for Students Matriculating in or before Academic Year 2025-2026. Learn more about University Academic Regulation 3.1 (<http://catalog.okstate.edu/university-academic-regulations/#matriculation>).

Total Hours: 21

Code	Title	Hours
<i>Required</i>		
ECEN 2233	Fundamentals of Digital Logic Design	3
ECEN 2714	Fundamentals of Electric Circuits	4
ENSC 2611	Electrical Fabrication Lab	1
ECEN 3714	Network Analysis	4
ECEN 3213	Computer Based Systems in Engineering	3
Hours Subtotal		15
<i>Electives (choose 2)</i>		
Select two courses from the following:		6
ECEN 4213	Embedded Computer Systems Design	
ECEN 4233	High Speed Computer Arithmetic	
ECEN 4273	Software Engineering	
ECEN 4293	Applied Numerical Methods for Python for Electrical Engineers	
ECEN 4223	Mobile Robotics	
ECEN 4243	Computer Architecture	
ECEN 4283	Computer Networks	
ECEN 4493	Artificial Intelligence in Engineering	
Hours Subtotal		6
Total Hours		21

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student's declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (<https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf>).