

COMPUTER ENGINEERING, MINOR (ENGINEERING)

Requirements for a minor may be completed at any campus location offering the specified courses for the minor. Students may not change from a campus that offers their major to a campus that does not offer their major for the purpose of completing a minor.

Career Paths

The Computer Engineering minor provides graduates with the foundations of computer hardware design, including topics such as FPGA, embedded systems, digital integrated circuits, computer vision systems, which complements their studies, whether in software, electronics, or another discipline. This minor prepares them for a wide range of opportunities in which computers and related hardware systems play an important role.

Careers

Graduates with a minor in computer engineering can find positions where they will apply their knowledge of hardware systems and skills with technology companies and with companies in a broader range of fields such as aerospace, communication, entertainment, finance, healthcare, transportation, and defense. Most graduates will find themselves a part of a team to design and build complex systems with many integrated parts. With the rapid changes and advances in the field of computing, graduates must continually keep up with the latest technology as their careers adapt and evolve to meet the new opportunities and challenges of computing.

MORE INFORMATION ABOUT POTENTIAL CAREER OPTIONS FOR GRADUATES WITH A MINOR IN COMPUTER ENGINEERING (<https://career.engr.psu.edu/>)

Opportunities for Graduate Studies

Graduates of this minor can pursue graduate studies in computer engineering, and related disciplines, concentrating in specialized areas such as multicore architectures, low-power architectures, application-specific hardware architectures, and computer networking. They research, study, and develop the new technologies that apply the advances in computing to impact our everyday lives. A master's degree allows one to specialize beyond the broad foundations offered an undergraduate degree. A doctoral degree prepares one for a career in research and academia.

MORE INFORMATION ABOUT OPPORTUNITIES FOR GRADUATE STUDIES (<https://www.eecs.psu.edu/students/graduate/EECS-Graduate-Prospective.aspx>)