Cybersecurity, Minor

DEPARTMENT

MS in Electrical and Computer Engineering, M.S.
BS in Electrical Engineering, B.S.
MN in Electrical Engineering, Minor
BS in Computer Engineering, B.S.
MN in Computer Engineering, Minor
MN in Cybersecurity, Minor

REQUIREMENTS

Department of Electrical and Computer Engineering

Cybersecurity Minor Requirements

The minor requires 22 units total, of which 9 units must be exclusive (not double counted for a major or another minor).

All students pursuing the minor must complete the following courses (13 units) (see note 4): ECE 85, CSCI 41, ECE 118, ECE 146.
In addition, students pursuing the minor must complete the following nine (9) units: ECE 150, ECE 156, IS 141. Another cybersecurity course taken at Fresno State University or at another accredited institution with prior approval of the department chair can count towards three (3) units from these nine (9) units.

Advising Notes

1. All course prerequisites are enforced.
2. Courses in minor must be taken for a letter grade.
3. The Cybersecurity Minor requires 2.5 GPA and 9 upper-division units in residence.
4. Students are advised to seek their advisor's input upon course selections
5. Computer Science students may replace CSCI 113 and CSCI 156 for ECE 118 and ECE 146, respectively.
6. Information Systems and Decision Sciences students may replace IS 51, IS 166, and IS 182 for CSCI 41, ECE 118,and ECE 146, respectively.

FACULTY

The faculty members possess depth and breadth in their specialty areas and are active in bringing these experiences and skills to the classroom. The identifiable strengths of the academic program are the laboratory and hands-on experience for students, the proper attention given to the scientific and mathematical foundation of electrical engineering and computer engineering, and the rigor of upper-division courses coupled with design and culminating senior projects. The technical and liberal arts components of the curriculum provide the students with the opportunity for gaining self-development, technical competence, and awareness of economic and ethical responsibilities. The technical curriculum includes (l) basic engineering science, (2) core electrical and computer engineering subjects, and (3) a junior-/senior-level choice for more depth in communications and analog systems, power systems and controls, or digital systems and computers.

The department requires mandatory advising to help students make sound academic decisions.

For faculty phone numbers and e-mail, see the campus directory.

For more on the faculty, see the faculty pages.
The faculty pages are updated by the department or program.