Applied Computer Security

Study the theoretical concepts and technical skills — including hacking, ethics, and forensics — to create and maintain secure computer systems and networks.

Skills
» Hacking
» Ethics
» Security management
» Network design
» Encryption
» Investigation techniques

Careers
» Security manager
» Network architect
» Consultant
» Threat investigator

Minor requirements
Core requirements (14 units):
- ITP-125L “From Hackers to CEOs: Introduction to Information Security” (2 units)
- ITP-325 “Ethical Hacking and Systems Defense” (3 units) [prerequisite: ITP-125]
- ITP-357 “Enterprise Network Design” (3 units) [prerequisite: ITP-125]
- ITP-370 “Information Security Management” (3 units) [prerequisite: ITP-125]
- ITP-375 “Digital Forensics” (3 units) [prerequisite: ITP-125]

Elective (4 units):
- ITP-425 “Web Application Security” (4 units) [prerequisite: ITP-301 or ITP-325 or ACAD-275]
- ITP-457 “Network Security” (4 units) [prerequisite: ITP-357]
- ITP-475 “Advanced Digital Forensics” (4 units) [prerequisite: ITP-375]

Specialization requirements
Core requirements (8 units):
- ITP-125L “From Hackers to CEOs: Introduction to Information Security” (2 units)
- ITP-325 “Ethical Hacking and Systems Defense” (3 units) [prerequisite: ITP-125]
- ITP-357 “Enterprise Network Design” (3 units) [prerequisite: ITP-125]

Elective (4 units):
Choose from the elective options for the minor.

Policies
» All minors at USC need 16 units that only meet minor requirements and do not meet any other major, minor, or GE requirement.
» All courses completed for your minor or specialization must be completed for a letter grade.
» You must earn a 2.0 minimum cumulative GPA in the courses completed for your minor or specialization.

units required for minor: 18
units required for specialization: 12
minor code: APCS
department: ITP

Updated: 02/28/19
Make sure you consult with your major advisor about how best to incorporate the requirements for your minor with your major and general education requirements. You must complete a pre-advisement course plan before scheduling an appointment with a minor advisor.