MASTER OF SCIENCE

CYBERSECURITY

PROGRAM OVERVIEW

Pacific's Master of Science in Cybersecurity is a hands-on, laboratory-intensive graduate program offered by the School of Engineering and Computer Science at the Stockton campus. The program is open to "computer savvy" students with a Bachelor's degree in any field, and professional work experience can be used to accelerate degree completion. Students complete 30 course units over one to two years and learn a variety of in-demand skills such as detecting and preventing network attacks. At the end of the program, students are prepared to enter careers as cybersecurity professionals.

CURRICULUM

The highly technical, interdisciplinary curriculum provides students with in-depth knowledge in key areas of Computer Science and Computer Engineering, including:

- Detecting and preventing network attacks
- Network reconnaissance, intrusion, and data exfiltration from a defensive and offensive standpoint
- Reverse engineering malware to understand its design, operation, and communications protocols
- Identifying and preventing vulnerabilities in software applications
- Cryptography's role in secure software development
- Cybersecurity law and policy

FACULTY

Students in Pacific's Cybersecurity program benefit from close working relationships with dedicated faculty members. Pacific's distinguished cybersecurity professors are firmly engaged in the international security community and provide students with exceptional opportunities for experiential learning.

ADMISSION REQUIREMENTS

Admission to the Cybersecurity program involves a holistic review of each applicant's background and experience, including:

- Bachelor's degree from an accredited university
- Official transcripts from all colleges attended, showing a 3.0/4.0 GPA on the last 60 units of undergraduate study
- Academic or industry experience in the areas of Data Structures (Programming) and Discrete Math
- Two letters of recommendation
- Personal Statement
- For students whose first language is not English, the Test of English as a Foreign Language (TOEFL)

TUITION AND FINANCING

Tuition and fees are set annually. The per-unit graduate tuition rate for the 2017-2018 academic year is $1,520, plus applicable fees.

Graduate students who are U.S. citizens or eligible non-citizens may apply for federal student loans. Please contact our Office of Financial Aid for more information about financing options.

MORE INFORMATION

Office of Graduate Admission
209.946.3929
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pacific.edu/cybersecurity