



Master of Science **ENGINEERING SCIENCE**

Program Overview

Pacific's Master of Science in Engineering Science, offered by the School of Engineering and Computer Science, is a graduatelevel program designed to strengthen students' technical, analytical and professional skills. Students complete 30 course units over one or two years and emerge prepared to enter top doctoral programs or pursue dynamic engineering careers.

After completing a set of core classes in research and analysis, students in the program choose one of four concentrations:

- Civil Engineering (Environmental and Structural)
- Computer Engineering, Electrical Engineering & Computer Science
- Mechanical Engineering
- Engineering Management

PROGRAM FAST FACTS

Stockton

Campus

30

units

1 Year

completion
(2 years part-time)

Rolling

admission

Fall or Spring

semester start

In-person

program

GRE

required

UNIVERSITY OF THE
PACIFIC

Office of Graduate Admission: 916.739.7281 | gradinfo@pacific.edu

Engineering Science Program: 209.932.2805 | glitton@pacific.edu



The professors at Pacific are what makes the MSES program great. As a student I knew the professors deeply cared about me personally, as well as for my education. Students that graduate from this program will be part of a tight knit community of Pacific graduates.

Shawn Leyva
MSES Class of 2014

Curriculum

The program includes thesis and non-thesis options and with opportunity for experiential learning, paid internships and independent research. Popular research areas include:

- Computational Intelligence
- Data Visualization
- Mechatronics
- Polymer Materials
- Renewable Energy
- Infrastructure Renewal
- Structural Health Monitoring
- Water Quality and Resources

Faculty

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

Tuition and Financing

Tuition and fees are set annually. The per-unit graduate tuition rate for the 2018-2019 academic year is \$1,483, plus applicable fees.

A limited number of graduate assistantships and fellowships may be available on a competitive basis. Contact School of Engineering and Computer Science for more information.

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.

OUTCOMES

MSES graduates will know how to employ the problem-solving, design, and research skills necessary to operate in the interdisciplinary arena of engineering and computer science.

REQUIREMENTS

The admission process involves a holistic review of each applicant's background and experiences. The following are required for admission through our application in EngineeringCAS (engineeringcas.liasoncas.com):

- Bachelor's Degree
Engineering or Computer Science or a related discipline
- Official transcripts
- GRE scores
- Resume
- Personal statement
- Three letters of recommendation

For international students, the Test of English as a Foreign Language (TOEFL) or International English Language Testing System (IELTS) is required.

For more information, please visit:

 go.Pacific.edu/Graduate