Master of Science
DATA SCIENCE

Program Overview
Pacific’s Master of Science in Data Science, a STEM designated program offered by the School of Engineering and Computer Science, provides students with skills and knowledge necessary for success in the growing world of big data and analytics, such as:

- Understand analytic modeling
- Design, build and test analytic solutions
- Create and present high impact visualizations and results

The program is also designed for working professionals, providing students with the opportunity to:

- Continue to work while they advance their career
- Benefit from the use of our hybrid teaching approach
- Combine weeknight online learning with Saturday classroom courses
- Benefit from organized networking events and engagement with the local data science community through our analytics lecture series
- Transfer gained skills into fields such as health care, business, technology, and more

PROGRAM FAST FACTS

| San Francisco Campus | 32 units | 2 years | Rolling admission | Fall semester start | Hybrid (online/in-person) program | GRE not required |

Office of Graduate Admission: 916.739.7281 | gradinfo@pacific.edu
Data Science Program: 209.946.2992 | datascience@pacific.edu
Curriculum
Students in the Data Science program discuss relevant weekly hot topics and gain first-hand perspectives from guest lecturers who are experts in the data science industry.

Students will learn state-of-the-art analytics techniques, and gain practical experience in data wrangling, time series analysis, machine learning, dynamic visualization and more.

The program culminates with a capstone course, in which students will apply what they’ve learned to an analytics project sponsored by a local business or organization so they graduate with relevant experience.

Faculty
Graduate students in Pacific’s Data Science program benefit from close working relationships with dedicated and passionate faculty members from a range of disciplines and professional backgrounds. Professors are experts in the fields of Information and Communication, Physics, Machine Learning, Economics and Engineering.

Tuition and Financing
Tuition and fees are set annually. The per-unit graduate tuition rate for the 2019-2020 academic year is $1,498, 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.

OUTCOMES
Graduate students will know how to prepare, manipulate, and use data to develop highly sophisticated solutions including Machine Learning, Neural Networks and dynamic visualizations, to launch your data science career today.

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 GradCAS (gradcas.liaisoncas.com):

- Bachelor’s degree
- Academic or industry experience
  - Linear algebra
  - Statistics
  - High-level programming
- Official transcripts
- Resume
- Personal statement
- Two letters of recommendation

For international students, the Test of English as a Foreign Language (TOEFL) or International English Language Testing System (IELTS) is required. A course-by-course evaluation of all non-US transcripts shall also be made.

For more information, please visit: go.Pacific.edu/Graduate

The program is intelligently designed for working professionals. I could continue to work full-time while taking classes full-time. This is possible because the in-person classes are held on Saturdays and the online classes are held after office hours.

Alex Katona
MS Data Science