



MASTER OF SCIENCE/DOCTOR OF PHILOSOPHY

Pharmaceutical and Chemical Sciences

PROGRAM OVERVIEW

Pacific's Pharmaceutical and Chemical Sciences Program, offered by Thomas J. Long School of Pharmacy, is a full-time 32-45 unit program. The program is designed to prepare graduates for future careers working in increasingly complex and integrated research in pharmaceutical, chemical and biotechnological environments.

The program offers students three degree tracks (Master of Science, Doctor of Philosophy, and a dual degree program in Doctor of

Pharmacy/Doctor of Philosophy) and five research focus areas:

- Bioanalytical Chemistry, Physical Chemistry and Biochemistry
- Biopharmaceutical Sciences
- Chemical Synthesis, Drug Discovery and Design
- Health Care Outcomes and Clinical Services
- Molecular-Cellular Physiology and Pharmacology

PROGRAM FAST FACTS

Stockton
CAMPUS

32
UNITS (MS)

2
YEARS (MS)

Rolling
ADMISSION

Fall or Spring
SEMESTER START

In-person
PROGRAM

GRE
REQUIRED

45
UNITS (PhD)

5
YEARS (PhD)

UNIVERSITY OF THE
PACIFIC

Thomas J. Long
School of Pharmacy

Office of Graduate Admission: 916.340.6196 | gradinfo@pacific.edu
MS/PhD Program: Jim Uchizono | 209.946.2396 | juchizono@pacific.edu



The Pharmaceutical and Chemical Sciences Program at Pacific has facilitated my personal and professional growth by providing a strong fundamental knowledge base and hands-on experience. I will always cherish the positive and enjoyable learning environment created by the faculty, and their outstanding mentorship.

Amit Kokate, Ph.D.

Product Quality Assessor, U.S. Food and Drug Administration
Class of 2007



CURRICULUM

The curriculum is designed to provide students with a broad understanding of the pharmaceutical and/or chemical sciences. In addition to courses in specific areas, students receive training in:

- Laboratory management, risk management and safety
- Instrumentation and laboratory techniques
- Statistics and experiential design
- Ethical and legal aspects of scientific inquiry
- Exposure to the basic and clinical sciences related to the pharmaceutical industry
- Experience in professional presentations and data summaries

FACULTY

Faculty from the Departments of Chemistry, Pharmaceutics and Medicinal Chemistry, Physiology and Pharmacology, and Pharmacy Practice bring their research interest and expertise to the program. Students are encouraged to combine the talents of the faculty into a unique, student-centered and interdisciplinary program that will meet their individual educational goals.

TUITION AND FINANCING

Tuition and fees are set annually. The per-unit graduate tuition rate for the 2023-2024 academic year is \$1,653 plus applicable fees.

A limited number of graduate assistantships and fellowships may be available for graduate students. Interested students should directly contact program staff.

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.

Office of Financial Aid

209.946.2421 | financialaid@pacific.edu

OUTCOMES

The PCSP program prepares students for a career in the complex and integrated realms of pharmaceutical, chemical, and biotechnical research. The program has a 100% placement rate upon graduation.

REQUIREMENTS

The admission process involves a holistic review of each applicant's background and experiences. The following are required for admission through our online application (Pacific.edu/ApplyGrad):

- Bachelor's Degree
At least 3.0 GPA
- Official transcripts
- GRE scores
minimum 303 (V & Q) + 3.0 (A)
- Resume
- Personal statement
- Three letters of recommendation

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

For more information, please visit:

 Pacific.edu/PharmChem