



RICE NATURAL SCIENCES

Professional Science Master's Program

>99%

JOB PLACEMENT RATE
WITHIN 6 MONTHS
OF GRADUATION

MASTER OF SCIENCE IN APPLIED CHEMICAL SCIENCES

The Applied Chemical Sciences degree prepares students with a background in chemistry for employment in chemical industries or government organizations. With three different concentrations students will be able to pursue advanced course work in the area that matches their interests. Students will not only be strengthening their technical knowledge and scientific skills, such as analysis, research, characterization, data collection, and problem solving, but will also work on the development of written, analytical, and verbal communication skills, business management skills and policy writing. This interdisciplinary curriculum provides graduates with the tool-set to be successful in the science and technology industry.

PROGRAM HIGHLIGHTS

- 3-semester industry-oriented master's program
- Cutting-edge curriculum led by expert faculty
- Required 3 to 6-month internship
- Individualized job placement consulting
- Access to Rice Business School courses
- Mentorship from Industry Board of Affiliates
- Weekly seminars hosted by industry experts
- Flexible enrollment: full-time or part-time

FOCUS AREAS

- Bioorganic Chemistry
- Computational Chemistry & Data Science
- Petroleum Chemistry

COURSES INCLUDE

- Statistical Data Analysis
- Molecular Dynamics Methods
- Phase Behavior and Flow Assurance
- Medicinal Chemistry
- Chemical Biology
- Foundations of Statistical Inference
- Advanced Numerical Methods



APPLICATION DEADLINES

FEBRUARY 15 (FALL) • OCTOBER 15 (SPRING)

profms.rice.edu