Competitive Advantage for Graduates

Science-based employers seek workforce-ready graduates who possess both STEM knowledge and high-demand professional skills. PSM programs are designed in partnership with industry to ensure each student benefits from workplace-oriented experiential learning. By earning a PSM degree, you will acquire the advantages of workplace skills and experiences in an increasingly competitive job market.

PSMs offered in In-Demand STEM Fields

- Agricultural Science / Food Science / Nutrition
- Biotechnology / Biomedical / Pharmaceutical
- Physical / Chemical Sciences
- Computer Science / Analytics / Big Data / Statistics
- Environmental Science / Ocean Science / Sustainability / GIS
- Financial Mathematics
- Forensic Science / Cybersecurity

PSMs develop the professional skills employers seek.

"PSM graduates come out of their programs ready to contribute. They have the technical skills, problem solving skills, and communication skills needed to integrate quickly and be successful in the workplace”.

- Todd Arnold, Ph.D., Chief Laboratory Operations Officer, Sematech Dr. Employer of PSM graduates for nearly 15 years at CUNO, 454 Life Sciences/Roche Life Sciences, and Mt. Sinai’s genomics units.

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Internationally in Australia, South Korea and the United Kingdom

“….The program advisors were extremely knowledgeable of the industry challenges and brought real world problems into the classroom for students to tackle. Internships afforded me an insight into many career options...The transition from education to employment was effortless; I felt prepared and qualified to be a productive member of the team far beyond what my total years’ experience would suggest.”

- Danny Reed, Sr. Petrophysicist. Appomattox Development, Subsurface, Geoscience PSM Graduate, Rice University