Competitive Advantage for Graduates

Science-based employers seek professionals with stem knowledge enhanced with professional development skills. PSM programs are designed in partnership with industry and its students benefit from workplace-oriented experiential learning. By earning a professional science master’s degree, you can acquire the work skills and experience to gain an advantage in today’s increasingly competitive job market.

PSMs offered in In-Demand STEM Fields

- Agricultural Science / Food Science / Nutrition
- Biotechnology / Biomedical / Pharmaceutical
- Physical / Chemical Sciences
- Financial Mathematics
- Environmental Science / Ocean Science / Sustainability / GIS
- Computer Science / Analytics / Big Data / Statistics
- Forensic Science / Cybersecurity
- Agricultural Science / Food Science / Nutrition
- Biotechnology / Biomedical / Pharmaceutical
- Physical / Chemical Sciences
- Financial Mathematics
- Environmental Science / Ocean Science / Sustainability / GIS
- Computer Science / Analytics / Big Data / Statistics
- 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, Sema4

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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“….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

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