

Professional Science Masters Certificate**Program Path:**

IDS Type: Departmentally Restricted IDS

Program Type: Foundational IDS Program

Description: The Professional Science Master's (PSM) Advanced Certificate Program allows students to pursue advanced training in science without a Ph.D., while simultaneously developing highly-valued business skills without an MBA. The program educates students in their chosen field of study while providing them with exposure and training in business, communications and ethics. More than 200 PSM programs are now offered by dozens of major universities across the United States, including many other SUNY campuses. At the University at Buffalo, the PSM program is a combination of a graduate level science degree and an advanced graduate certificate in Professional Science Management. Students apply to a "home department" graduate degree program, where they would receive their science training. Participating "home departments" are: Chemistry, Geography, Geology, Physics and Roswell Park Cancer Institute. In addition, students simultaneously apply to the Professional Science Master's Advanced Certificate Program to receive additional training in computation, business, and ethics – as well as complete a semester-long internship. Upon graduation, students receive two credentials: (1) A graduate level degree from their home department; and, (2) An Advanced Certificate in Professional Science. (From website.)

Program Structure:

Admission Requirements: Statement of Purpose, (2) Letters of Recommendation

Credit Hours: 15 credits

Required Coursework: The Advanced Certificate program in Professional Science Management consists of five, 3-credit hour graduate level courses, as follows: Math and Computing (3), Seminar in Business, Ethics/Communication (3), Business Course (3), Area of Specialization (Biophysics, Computational Chemistry, Geographic and Environmental Analysis, Molecular and Chemical Biology, Natural and Biomedical Sciences) (3), and Internship Project/Lab experience (3).

Exit Courses & Work: Completion of a portfolio.

Established Department(s) of Focus: Chemistry, Geology, Physics, and Roswell Park Cancer Institute.

Program Statistics:

Students: Part-time students allowed.

Program History: The Professional Science Masters Certificate was established in 2000.

Contact Information:

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