PSM 545 Professional and Scientific Communication
In this course, students gain practical experience in improving communication skills essential for business. Students develop both written and oral communication skills within the context of their professional concentration. Assignments simulate those encountered in the “real-world,” including: persuasive presentations, concise oral and written reports, and communications with a variety of audiences, including prospective customers, mainstream media and funding sources. The course will also employ newer technologies to enable students to explore the opportunities and constraints technology places on effective communication.

Course developed collaboratively by John Duff, Professor, Environmental Law, UMass Boston; Catherine Houser, Professor, English, UMass Dartmouth; and Theresa George, Adjunct Faculty, Business, UMass Lowell. This course draws upon expertise in science and communication and experiences with the media, academia and industry.

PSM 555 Leadership for Scientists
This course is designed to provide awareness and skills for effective leadership by scientists and engineers in corporate settings. Weekly themes include: creating an inspirational vision, entrepreneurship, building trust, conflict resolution, personal integrity and ethics, and workplace issues. Case studies and interviews provide profiles of employees who flourish, plateau, or fail with leadership responsibilities. (3 credits)

This course was developed by Glenn Mangurian, Consultant to Senior Business Leaders, Founder and CEO, Frontierworks, LLC, Adjunct Faculty U Mass Lowell and U Mass Amherst, and Jack Wilson, President Emeritus University of Massachusetts, University Distinguished Professor, Manning School of Business UMass Lowell. The course draws upon extensive experience of the instructors in their work with prominent industry leaders. Interactive discussion enables students to acquire personal insights for improving their leadership talents. This course is confirmed for Fall 2014. For more information contact Professor Mangurian: glenn_mangurian@uml.edu.

PSM 535 Project Management for Science Professionals
This course is designed to provide skills to prepare students to take on the role of project manager. The importance of project management is now realized by many companies where the entire business, including routine activities, can be regarded as a series of projects. Project management principles provide a systematic approach to running a business; content will cover projects in large and small businesses as well as scientific laboratories. (3 credits)

This course was developed collaboratively by Kit Scott, Assistant Professor, Business and Economics, Boise State University and Adjunct Faculty, Management, UMass Amherst and U Mass Lowell; Noushin Ashrafi, Professor of Management Information Systems, UMass Boston; and Yuzhu (Julia) Li, Assistant Professor, MIS, UMass Dartmouth. The course draws upon case studies, industry input and project management certification expertise. Students will engage in discussion and work on a project to learn to be more effective team members and to assume the role of project manager. This course is confirmed for Spring 2015.

Further information is available at www.uml.edu/psm