

Interdisciplinary Studies - CPS (INT)

INT 1002. Science and Engineering Technology Seminar: Transition to the Lowell Institute School. 1 Hour.

Constitutes the first module of a seminar series. Introduces theories of transition and change management as well as models of decision making. Offers students an opportunity to create an individual plan for academic and career success that demonstrates an understanding and application of the theories and models introduced in the module and an ability to realistically interpret self-assessment reports in the design of that plan. Students may utilize an e-portfolio to capture and record personal and professional development activities and reflections. The e-portfolio continues to be used throughout the seminar series and is also used to guide individual academic advising discussions.

INT 6000. Writing Lab. 1 Hour.

Requires students to analyze and draft writing assignments from topics covered in graduate level courses.

INT 6900. International Field Study Experience. 3,4 Hours.

Seeks to prepare students for an increasingly global workplace and to help them gain a deeper understanding of current issues in their fields of study in an international context. Includes a period of required on-site instruction in the region of study. Offers students an opportunity to conduct in-depth field study based on specific themes pertinent to the locality and to meet with representatives from local organizations such as schools, businesses, the arts, government officials, and others. Culminates in a professional-quality research project or presentation. May be repeated up to two times.

INT 6940. Experiential Learning Projects for Professionals. 1-4 Hours.

Offers students an opportunity to apply knowledge and skills gained through their master's program to work on challenging short-term projects under faculty supervision. Students are matched with discipline-specific consulting projects provided by a wide range of sponsoring organizations in the private and nonprofit sectors. Students develop a project plan, conduct research, develop and deliver recommendations to sponsoring organizations, and reflect on lessons learned. Mapping academic course concepts and skills to the consultative process is a primary learning goal. Requires an application process.

INT 6943. Integrative Experiential Learning. 3 Hours.

Offers students an opportunity to clarify their vision of a successful professional future, identify goals to achieve that vision, and assess career growth opportunities. Explores how to frame a growth strategy using internal and external scanning mechanisms, negotiation and persuasion, research, and critical reflection. Students refine an applied research topic, perform research, develop recommendations for addressing a key performance area within their existing workplace, and create a plan for implementing their recommendations. Students review "lessons learned" and incorporate suggestions from this review to improve and finalize their integrated plan. With permission from their host organization, students may go on to implement elements of their project in a current or upcoming project, where feedback is provided from stakeholders, including their corporate sponsor.