

Interdisciplinary Studies in Science (INSC)

INSC 1000. Science at Northeastern. (1 Hour)

Introduces first-year students with majors in the College of Science to the liberal arts in general. Offers students an opportunity to become familiar with their college and majors; to develop the academic skills necessary to succeed (analytical ability and critical thinking); to become grounded in the culture and values of the University community; and to develop interpersonal skills—in short, presents students with the skills needed to become a successful university student.

INSC 1200. First-Year Research Project. (1 Hour)

Offers an opportunity for students to engage in supervised, project-based, group research.

INSC 1990. Elective. (1-4 Hours)

Offers elective credit for courses taken at other academic institutions. May be repeated without limit.

INSC 2963. Topics. (1,2 Hours)

Offers undergraduate students an opportunity to learn about timely issues, develop new skills, or explore areas of broad interest in an immersive, short-course format. Content and instructors vary by offering. May be repeated three times.

INSC 2964. Experiential Project. (0 Hours)

Offers students an applied project setting in which to apply their curricular learning. Working with a sponsor, students refine an applied research topic, perform research, develop recommendations that are shared with a partner sponsor, and create a plan for implementing their recommendations.

Seeks to benefit students with a curriculum that supports the development of key business communication skills, project and client management skills, and frameworks for business analysis. Offers students an opportunity to learn from sponsor feedback, review 'lessons learned,' and incorporate suggestions from this review to improve and further develop their career development and professional plan.

INSC 2990. Elective. (1-4 Hours)

Offers elective credit for courses taken at other academic institutions. May be repeated without limit.

INSC 2992. Research. (0 Hours)

Offers an opportunity to document student contributions to research projects or creative endeavors.

INSC 3990. Elective. (1-4 Hours)

Offers elective credit for courses taken at other academic institutions. May be repeated without limit.

INSC 4990. Elective. (1-4 Hours)

Offers elective credit for courses taken at other academic institutions. May be repeated without limit.

INSC 4998. Research. (0 Hours)

Offers an opportunity to document student contributions to research projects or creative endeavors.

INSC 5963. Topics. (1,2 Hours)

Offers students an opportunity to learn about timely issues, develop new skills, or explore areas of broad interest in an immersive, short-course format. Content and instructors vary by offering. May be repeated three times.

INSC 5964. Projects for Professionals. (0 Hours)

Offers students an applied project setting in which to apply their curricular learning. Working with a sponsor, students refine an applied research topic, perform research, develop recommendations that are shared with a partner sponsor, and create a plan for implementing their recommendations. Seeks to benefit students with a curriculum that supports the development of key business communication skills, project and client management skills, and frameworks for business analysis. Offers students an opportunity to learn from sponsor feedback, review "lessons learned", and incorporate suggestions from this review to improve and further develop their career development and professional plan.

INSC 5965. Engaging with Industry Partners for Rising Professionals. (0 Hours)

Offers students an enhanced applied project setting in which to apply their curricular learning. Working with a partner sponsor, students refine an applied research topic, perform research, develop recommendations that are shared with the partner sponsor, and create a plan for implementing their recommendations. Curriculum supports students as they develop key business communication skills, project and client management skills, and frameworks for business analysis. Offers students an opportunity to learn from sponsor feedback, review lessons learned, and incorporate suggestions to improve and further hone their career development and professional plan. Career development opportunities through skill-building workshops, panels, and interview preparation are available. Partner-student interactions, including a culminating project presentation, allow partners to assess student potential for co-op, internship, or other employment opportunities with the partner.

INSC 7100. Biophysics Seminar. (0 Hours)

Provides a valuable platform for students to engage with a broad range of topics critical to their development as researchers and professionals in biophysics. Covers research ethics, student work-in-progress presentations, and faculty-led introductions to biophysics research. Features guest lectures from external biophysics researchers, offering students exposure to cutting-edge developments in the field. Also focuses on career development, including grant writing, publishing, and building a scientific career in academia or industry. Offers students the opportunity to expand their knowledge beyond their own research focus, foster collaboration with peers and faculty, and strengthen their professional networks.