

Interdisciplinary Studies - Office of the Provost (INPR)

INPR 1000. First-Year Interdisciplinary Seminar. (1 Hour)

Offers students an opportunity to advance their understanding of global citizenship, explore and meaningfully connect to the robust resources and programs of the university network, and apply design and systems thinking practices to address personal and academic challenges. Utilizes a global challenge as context and has both synchronous and asynchronous components led by faculty, peer mentors, academic advisers, and integration coaches.

INPR 1001. First-Year Seminar 2. (1 Hour)

Provides entirely online students synchronous interaction, supervised by an integration coach and peer mentors, to help integrate students into Northeastern's academic and social culture. Offers students an opportunity to translate selected project proposals (created by students in the fall semester) into an actionable project. Requires group projects featuring interaction with alumni through several presentations.

INPR 1002. Global ConnEXions Residency. (0 Hours)

Offers a residential program for Global ConnEXions students in Boston, London, Seattle, or virtual.

INPR 1500. Interdisciplinary Global Challenge Project. (4 Hours)

Offers students an opportunity to explore the learning community theme via a semester-long, interdisciplinary group project. Readings and activities are designed to assist students in understanding the nuances of the theme, after which students apply what they have learned to a challenge project that seeks to solve a real-world problem. Project milestones are scaffolded over the course of the semester. Seeks to benefit students with a curriculum that demonstrates the applications of academic scholarship in formulating solutions to current global issues.

INPR 2183. Interdisciplinary Special Topics: Pop-up Course. (1,2 Hours)

Addresses timely trends, issues, and events as they unfold. Offers students an opportunity to learn about and respond to issues of the day in an immersive, interdisciplinary, short-course format. Content and instructors vary by offering.

INPR 2200. Bioinspired Design. (4 Hours)

Explores the principles of design that are found in nature and how we can use these principles in bioinspired design. Examines evolution as a design process and the forms, structures, materials, motions, and sensors that result in nature. Offers students an opportunity to integrate these concepts in bioinspired design of 2D and 3D structures, products, and environments and to use design methods to develop, examine, critique, and iterate their designs.

Attribute(s): NUpath Creative Express/Innov, NUpath Natural/Designed World

INPR 2955. Interdisciplinary Project. (1-4 Hours)

Offers students an opportunity to work in an applied, interdisciplinary project setting on a research project, community or regional initiative, or industry-based solution. Students collaborate to define and refine the problem to be addressed, work toward one or more solutions, develop recommendations that are shared with a partnering project sponsor, and create a plan for implementation. An interdisciplinary team-based approach allows students to contribute their unique perspectives from multiple disciplines toward complex problems facing researchers, communities, and businesses. Offered on multiple Northeastern campuses as part of a semester-long program.

INPR 4100. Research-Visiting Student. (0 Hours)

Offers visiting students enrolled and in good standing at another institution an opportunity to work with a sponsoring faculty member on a topic related to current research. Detail of visit is described in the sponsoring faculty member's proposal approved prior to visit. Faculty member and student negotiate a written agreement as to what topic(s) are covered and what written or laboratory work forms the basis for the grade.

INPR 4955. Interdisciplinary Project. (1-4 Hours)

Offers students an opportunity to work in an applied, interdisciplinary project setting on a research project, community or regional initiative, or industry-based solution. Students collaborate to define and refine the problem to be addressed, work toward one or more solutions, develop recommendations that are shared with a partnering project sponsor, and create a plan for implementation. An interdisciplinary team-based approach allows students to contribute their unique perspectives from multiple disciplines toward complex problems facing researchers, communities, and businesses. Offered on multiple Northeastern campuses as part of a semester-long program.

INPR 5100. Foundations of Evidence-based Postsecondary Teaching. (4 Hours)

Explores evidence-based teaching practices through the backward design process to offer students an opportunity to learn how to develop a college-level course. Includes building a generative toolkit that can be used to design college-level courses and other learning experiences. Uses a microteaching session to gain practice and feedback on the student's teaching.

INPR 5110. Integrating Teaching Across Contexts. (4 Hours)

Offers students an opportunity to identify a specific future context in which they anticipate teaching (e.g., clinical rotation, industry research group, K-12 outreach). Connects students with educators to explore related educational research on a chosen context and discipline-specific practices. Documents the teaching experience while students practice and receive feedback on their teaching in a microteaching session designed for this context.

INPR 5120. Postsecondary Teaching Practicum. (4 Hours)

Engages students in a teaching role sponsored by the university (e.g., teaching assistant, instructor of record for a course, undergraduate supervisor in a research lab). As part of a mentored teaching experience, offers students an opportunity to apply principles of evidence-based teaching and gather formative and summative student feedback on their teaching.

Prerequisite(s): INPR 5110 with a minimum grade of C

INPR 6100. Research-Visiting Student. (0 Hours)

Offers visiting students enrolled and in good standing at another institution an opportunity to work with a sponsoring faculty member on a topic related to current research. Detail of visit is described in the sponsoring faculty member's proposal approved prior to visit. Faculty member and student negotiate a written agreement as to what topic(s) are covered and what written or laboratory work forms the basis for the grade.

INPR 9100. Research-Visiting Student. (0 Hours)

Offers visiting students enrolled and in good standing at another institution an opportunity to work with a sponsoring faculty member on a topic related to current research. Detail of visit is described in the sponsoring faculty member's proposal approved prior to visit. Faculty member and student negotiate a written agreement as to what topic(s) are covered and what written or laboratory work forms the basis for the grade.