Grad Interdisciplinary Studies

GIS 501  Responsible Conduct of Research  1 cr
This course is designed to expose future professionals to a variety of topics concerning Responsible Conduct in Research including issues concerning Research Integrity as well as standards and policies affecting research and life in Academia. The weekly sessions include lectures, open discussions, and analyses of case studies.

GIS 502  Technology Commercialization  0 TO 3 cr
This course will teach the National Science Foundation I-Corps curriculum of Lean Launch and Business Model canvas. It delivers best practices for innovative, team-based entrepreneurship in a semester-long format that provides real-world, hands-on learning experiences in how to successfully transfer knowledge into products and processes that benefit society. Significant time will be devoted outside the classroom to testing hypotheses on each part of the team’s business hypothesis and potential customers and partners. Typically, graduates of this curriculum increase their chance of winning a grant from 17% to 60%, a greater than three-fold increase in the odds of success.

GIS 799  Dissertation  1 TO 6 cr
An investigation of an original problem related to Chemical and Biomolecular Engineering conducted under the guidance of the student’s Ph.D. research advisor. Requires approval of the student’s research advisor.