

IGERT GIScience Program Requirements

To qualify and maintain eligibility for IGERT Project Funding* and complete their doctoral studies in GI Science, all students in the IGERT in GI Science program at Buffalo must:

- Be admitted to one of the seven departmentally-based participating Doctoral programs; maintain status as a full-time graduate student in good standing in the home department; and successfully complete all doctoral degree requirements of the home department.
- Conform to all other regulations and requirements of their home department, the IGERT program, and the Graduate School of the University at Buffalo.
- Participate in a new program orientation retreat of approximately 2-3 days, scheduled just prior to the beginning of the fall semester of the student's first year.
- Take the four required GI Science core courses. These courses may also count toward the degree requirements of the home department, and should be completed within the first two years of the student's studies.
- Demonstrate competence in the use of Geographic Information Systems and competence in the Mathematical Foundations of GI Science by the end of the second year of the student's studies. Competence may be demonstrated through successful completion of an appropriate course or by documentation of equivalent experience.
- Participate in a weekly IGERT colloquium series, which will vary in format between informal 'brown bag seminars' and distinguished visiting speakers.
- Participate in an International Experience component. This component will normally include attending an international summer school for one to two weeks; and participating in one extended international research activity of approximately four months.
- Spend at least one summer or semester in an internship in a non-academic research environment. An extended international research internship can be used to fulfill this requirement.
- Participate in faculty-led research on campus in GI Science, including spending one summer or semester working in cooperation with an IGERT faculty member from outside the student's home academic department.
- Select a Ph.D. advisory committee chaired by a member of the UB IGERT faculty roster, and including at least one other IGERT faculty member from outside the student's academic home department at UB.
- Write and defend a dissertation proposal, and complete and defend a dissertation on a topic related to geographic information science selected in consultation with their advisory committee.
- Attend two research conferences per year, with travel support from the IGERT grant, in the final 3 years of their studies, one trip to a multidisciplinary conference in GI Science and the other to a professional meeting within their home discipline.

All fellowship, assistantship and program internship funding of IGERT program students must be explicitly coordinated with IGERT program funding.

** In accordance with National Science Foundation guidelines, IGERT Project Fellowships are available only to U.S. Citizens and Permanent Residents.*

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