INTEGRATIVE CONSERVATION (ICON) PROGRAM HANDBOOK
FALL 2022

PROGRAM INFORMATION

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Location
The Center for Integrative Conservation Research is located in Building 2130 on the University of Georgia’s south campus in Athens, Georgia, USA. The nearest bus stop to our office is the Tucker Hall stop; view live bus route tracking here. Parking is available in the nearby Performing Arts Center Deck; visitors may use the kiosks in the deck to pre-pay for hourly parking. For more information, please visit UGA Parking.

Main office: 706-542-0458
Website: https://cicr.uga.edu/icon-phd-program/
Program email: iconphd@uga.edu
ICON twitter: @UGAICON, https://twitter.com/ugaicon
ICON YouTube channel: https://www.youtube.com/channel/UCTkhwx7GV9nKKkA8iinQyzA
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Welcome to the Integrative Conservation PhD Program at the University of Georgia

As global environmental change proceeds at an unprecedented pace, the practice of conservation is adapting to a complex set of new challenges. Responding effectively to these challenges will require that the next generation of practitioners and scholars not only develop expertise in specific fields but also have the conceptual tools to work across disciplines. The University of Georgia's Integrative Conservation (ICON) Ph.D. program is designed to meet that need by ensuring that students gain disciplinary depth while also learning to collaborate across disciplines and fields of practice to seek integrative solutions to complex conservation challenges.

Students in this program choose one of five degree objectives - *Integrative Conservation with an Area of Emphasis in Anthropology; Integrative Conservation with an Area of Emphasis in Ecology; Integrative Conservation with an Area of Emphasis in Forestry and Natural Resources; Integrative Conservation with an Area of Emphasis in Geography; or Integrative Conservation with an Area of Emphasis in Marine Sciences* - each will ensure that students receive rigorous theoretical and methodological training in a traditional discipline, while also working integratively at the intersections of multiple disciplines.

The Center for Integrative Conservation Research
The Center for Integrative Conservation Research (CICR) coordinates the ICON program. Students are encouraged to spend time in the Center and to use it as a space for meetings and discussions. There is limited desk space available for ICON students. Please email iconphd@uga.edu if you are interested in having desk space at CICR.

Program Orientation
This annual fall semester event gives new students the opportunity to learn about the program and to meet other students and faculty members. This meeting is required for our new, first year students and strongly encouraged for first year students' advisors. All continuing students and affiliated faculty are also encouraged to attend. At this meeting, program staff provide an overview of the ICON program, discuss the core research principles, explain student requirements regarding the ICON internship and committee formation, etc. Additionally, the ICON program hosts a low ropes course or similar team-building event each year. All students are encouraged to make every effort to attend both events.

Student Requirements
Students will adhere to the policies and procedures of their home departments/colleges, as well as those of the ICON program (see Appendix A, ICON Degree Checklist). This handbook covers information pertaining to the ICON program. It does not, however, cover departmental requirements or all of the regulations governing graduate education at UGA. Graduate School regulations are contained in the UGA Graduate Bulletin. Links to departmental and UGA information are provided below:
Committee formation and ICON Representative
ICON committees should include five faculty members, including two faculty members from outside the student’s home department and disciplinary perspective. Though we expect many of the student's committee members will be affiliated with ICON, the student must designate one member to function as the “ICON Representative.” Students should plan to select their ICON Representative as soon as possible after confirming their major advisor. The ICON Representative should do more than simply review documents after they are completed; instead, they should actively work with the student and Advisor in a way they all see fit to achieve the integrative component of the research. ICON Representatives should play a role in coursework selection, committee constitution, pre-proposal development, proposal writing, comprehensive exams, and dissertation writing. A student’s Advisor cannot serve as his/her ICON Representative. Please refer to Appendix B: ICON Representative Policy for more details.

Expectations of the Advisor in relation to ICON Representative
While the ICON Representative plays a special role on an ICON student’s committee, the other committee members, and especially the student’s advisor, also ensure the goals of the ICON program are met:

- Advisors should be aware of the key ICON policies and procedures as they relate to students’ ability to meet both their disciplinary and ICON requirements.
- Because comprehensive exams are handled differently across units, it is the advisor’s responsibility to communicate information about the comprehensive exams process to the student and committee (e.g. define time frame, question formats, etc.). Please note that the ICON program defers to the student’s home department in regards to comprehensive exam process and policy.
- Advisors are welcome to reach out to the ICON Graduate Coordinator if ever they are unclear on procedures or want extra insight into the goals of the program.

The ICON program of study

Year 1
Students must take one core ICON course, one Ecology seminar, and one bridge seminar. The first of these, Integrative Conservation I (ICON 8001) – 3 credit hours, offered each fall – provides the conceptual and theoretical foundations for the development of an integrative perspective, critically examining the theory and practice of integrative work. This team-taught course examines impediments to integrative thinking, both between disciplines and between the academic domain and the world of practice. The Ecology seminar, Perspectives on Conservation Ecology and Sustainable Development (ECOL 8400) – 2 credit hours, offered each fall – hosts a series of lectures by conservation faculty and practitioners. The bridge seminar, Field Planning
**Year 1**

The first year of the program is dedicated to laying a strong foundation in students’ home disciplines, and the rest of their programs of study will be determined by their committees, with the goal of ensuring sufficient breadth to complement the disciplinary rigor achieved in the home department. To help guide committees, we have envisioned the ICON curriculum as a “pie” with three slices representing (1) the natural sciences, (2) the social sciences, and (3) law, economics, and policy. Students will be encouraged to take at least two courses from the suggested electives list in the ‘slices’ outside of their home department or discipline. A suggested course electives list is available on the ICON website.

**Year 2**

Program requirements for year two include *Integrative Conservation II* (ICON 8002) – 3 credit hours, offered each fall – a team-taught course that challenges students to work in teams with local stakeholders on a real conservation issue. Previous 8002 classes have worked with local stakeholders in Cherokee, NC, Sapelo Island, GA, Franklin, TN, and Tybee Island, GA. The rest of year 2 is dedicated to finishing departmental course requirements and electives. Throughout the second year, students will continue to develop their dissertation proposal.

Because a key goal of this program is to train both practitioners who are comfortable in the academic world and academics who can collaborate with practitioners, students will be required to complete an internship (*Integrative Conservation Internship*, ICON 8111/8111E, 3-8 credit hours, offered fall, spring and summer) for course credit. When possible, we encourage students to complete their internship before the start of their third program year. (See Appendix C: **ICON Internship policy** for more details).

**Year 3**

During year 3 students will solidify their plans for dissertation research and formalize their proposals as they work with their committees to ensure a proper balance between disciplinary depth and integrative learning. Students will be expected to demonstrate the application of an integrative approach, reflexivity and communication skills in their dissertations.

**Years 4 and 5**

The length of a student’s program will depend on his or her home department/school. During years 4 and (potentially) 5 students will complete dissertation research and write and defend their
dissertation.

*Exceptions to requirements listed in this handbook can be sought through consultation with the ICON Curriculum Committee. Contact the ICON Graduate Coordinator (iconphd@uga.edu) for further details.

**Assistantships and funding**

ICON students with ICON research assistantships (ICON RAs) will work with the ICON Graduate Coordinator, Program Coordinator and CICR Director on projects and activities to fulfill their funding arrangements. Projects are determined at the beginning of each semester or academic year. It is the responsibility of the ICON RA to communicate with his/her advisor about the responsibilities he/she assumes. ICON RAs are expected to participate in monthly meetings and provide regular updates on their assigned projects. In the event an ICON RA is not adequately fulfilling his/her responsibilities, a meeting will be arranged between the ICON Graduate Coordinator, the student, and his/her advisor to discuss the situation and identify solutions. (See Appendix D: **ICON RA Policy** for more details.)

ICON students with departmental teaching assistantships (TAs) will work directly with the faculty member teaching the course to which they are assigned to determine duties.

Both TAs and RAs are expected to perform duties promptly and to a high standard. Students on non-ICON funding are responsible to the entity providing funding.

*Please note – for students on assistantship – during fall and spring semesters student fees can be automatically deducted from paychecks. Payroll deduction is not available for summer semester, so students must pay their fees directly. For more information please visit [https://osfa.uga.edu/costs/](https://osfa.uga.edu/costs/).*

**Yearly assessment**

Each spring semester students will be required to fill out an online form to facilitate their assessment by the ICON Graduate Coordinator. The Graduate Coordinator will also seek out the advice of the student’s advisor, and the annual report will include assessment of duties performed as an ICON RA, when applicable.

In addition, ICON students are asked to email the Graduate Coordinator (iconphd@uga.edu) when milestones are reached (i.e. dissertation committee finalized, program of study approved, internship proposal developed, oral and written comps scheduled, and prospectus completed).

**Graduate School Forms**

All official Graduate School forms are accessible electronically at [https://grad.uga.edu/index.php/current-students/forms/](https://grad.uga.edu/index.php/current-students/forms/) or at [https://gradstatus.uga.edu/Forms/](https://gradstatus.uga.edu/Forms/).

**PLEASE NOTE:** when submitting any forms to the Graduate School via Grad Status, students should manually select their **home** department or school, and not ICON, to route forms correctly.
**ICON website and listserv**
The ICON website ([https://cicr.uga.edu/icon-phd-program/](https://cicr.uga.edu/icon-phd-program/)) provides access to all program policies; a directory of ICON students and faculty; student news and a calendar of events. Important program-related documents can be found under the “Resources for ICON students & faculty” heading. Students are responsible for obtaining the most up-to-date copies of these documents by accessing this site.

All students will be added to the ICON-L listserv. This listserv is used to share program news and opportunities and includes students and ICON program staff. The ICON-GS listserv is a graduate student-only group; please contact the OINC chairperson for information about this listserv.

**Integrative Mechanisms**
Because the literature on interdisciplinary education shows that students tend to fall back into “disciplinary silos” as they progress through their programs (Hackett & Rhoten 2009), the ICON program includes a series of “integrative mechanisms” designed to encourage inter-cohort exchange throughout the program. Students are strongly encouraged to participate in all of these activities, which include but are not limited to involvement in the ICON student organization, the Symposium on Integrative Conservation (SIC), engagement in CICR programming, attendance at ICON events, etc.

**Student organization**
ICON students are automatically considered members of the ICON student organization: the Organized ICON Network and Cooperative (OINC). This group was formed to develop and promote learning, research, dialogue, and active engagement in the area of Integrative Conservation. OINC hosts meetings of the membership and social events throughout the year, and students are encouraged to become active participants.

**Life in Athens**
Housing - for off-campus housing:
- [http://flagpole.com/](http://flagpole.com/)
- [Athens Apartment Guide](https://www.rentathens.com/)
For on-campus family housing:
- [University Housing](https://housing.uga.edu/register/?nav=is)
Campus parking
- [https://tps.uga.edu/parking](https://tps.uga.edu/parking) or call (706)-542-7275
For information on Athens area restaurants, activities and night life:
- [https://guide.flagpole.com/](https://guide.flagpole.com/)
- [https://www.visitathensga.com/](https://www.visitathensga.com/)

**International students**
The Office of Global Engagement provides a wealth of policy resources for new and current students concerning arrival, visas, 1-20 forms, and moving with family, among other topics ([https://globalengagement.uga.edu/international-students](https://globalengagement.uga.edu/international-students)). We also recommend that international students review the International Student Life website ([https://isl.uga.edu/](https://isl.uga.edu/)) for information on support services and programs.
Travel and Reimbursement
To seek prior authorization for travel and to seek travel reimbursement you will need to use the OneSource website (https://onesource.uga.edu/).

ArchPass - Some UGA systems (like OneSource) require more than your MyID and password for access. For these systems and applications, you’ll need to use ArchPass, UGA’s two-step login solution. Instructions on setting this up can be found at: https://eits.uga.edu/access_and_security/infosec/tools/archpass/


International travel - You must have already submitted your request for international travel to the Office of Global Engagement (http://oie.uga.edu/international-travel-authority/) before you submit a travel authorization for international travel.

More information on travel authorizations and expense reports can be found at: https://onesource.uga.edu/Travel_Expenses/
Appendix A: ICON Degree Checklist

Steps toward degree and timeline for adequate progress

☐ 1. Selection of Major Professor [End of 1st semester]
☐ 2. Selection of ICON Representative [End of 2nd semester]
☐ 3. Selection of Advisory Committee [End of 2nd semester]
☐ 4. Meeting with Advisor and ICON Rep [Before beginning of 2nd year]
☐ 5. Preliminary Program of Study [End of 2nd semester]
☐ 6. Dissertation Proposal Defense [4th or 5th semester]
☐ 7. Human Subjects [Yes No]
   If yes, IRB approval #____________
☐ 8. Animal Use & Care [Yes No]
   If yes, IACUC approval #____________
☐ 9. Final Program of Study [4th or 5th semester] Must be approved by Grad School before Oral Comp Exam can be scheduled
☐ 10. Written Comprehensive Exam [4th or 5th semester]
☐ 11. Oral Comprehensive Exam [4th or 5th semester] All information must be provided to Graduate Coordinator’s office three weeks prior to desired date for oral exam.
☐ 12. Admission to Candidacy [End of 5th semester]
☐ 14. Doctoral Dissertation Approval And Final Oral Examination [End of 8th semester]

Program of Study Checklist

Graduate School Requirements
☐ 30 hours of degree credit: Must include 16 hours of course work at 8000- and/or 9000-level.
☐ 1-credit GradFIRST seminar (GRSC 7001) during fall or spring of the first year.

ICON Requirements
Five (5) ICON core courses (minimum of 11 credit hours) must appear on your Program of Study:
☐ ICON 8001 (3 hrs)
☐ ICON 8110 (1 hr)
☐ ICON 8002 (3 hrs)
☐ ECOL(ICON) 8400 (1-2 hrs)
☐ ICON 8111E (3-8 hrs) The internship course may be repeated for a maximum of 16 hours of credit. If needed, students may register for internship credit during the fall following their summer internship to complete the requirement. The internship is not intended to count toward the 16 hours of 8000- or 9000-level coursework required by the Graduate School.

Course electives
☐ Minimum of five credit hours of courses that represent different epistemologies than one’s home discipline. See “Suggested Course Electives” document for course list.

Home department requirements
☐ All degree requirements for home departments. See home department handbooks for additional details.

Please note that these are general guidelines; ICON defers to the student’s Advisor and Departmental guidelines first. Graduate School forms are available online at: https://grad.uga.edu/index.php/current-students/

7/5/2022
Appendix B: ICON Program Suggested Electives

We encourage students to take at least 5 credit hours from the courses below, from the categories that do not include their home departments. NOTE: 1) it is possible to take more than one course from the same instructor, although you are encouraged to seek a diversity of instructors, 2) theoretically you could take courses in your own department that represent different disciplines; however, that may not represent different epistemologies, thus we encourage you to have a frank discussion with your ICON rep and advisor and with those knowledgeable on the content of the course to make sure that these electives meet the spirit of ICON to step outside your main area of expertise. Please note that courses listed below may not be offered each year. This list is not exclusive or exhaustive; if a class is not on this list please discuss it with your ICON Representative or the ICON Graduate Coordinator.

Faculty: If you would like to nominate a course for inclusion in this list please email course name, number and brief justification to iconphd@uga.edu.

Natural Sciences
ANTH 6900: Special Topics in Anthropology (Primate Conservation)
ANTH 6900: Special Topics in Anthropology (Primate Behavior)
ECOL 6000: Population and Community Ecology
ECOL 6080: Principles of Conservation Ecology and Sustainable Development
ECOL 6150: Population Biology of Infectious Diseases
ECOL/FANR 6220: Foundations of Restoration Ecology
ECOL 6310: Freshwater Ecosystems
ECOL 8310: Population Ecology
ECOL 8322: Concepts and Approaches in Ecosystem Ecology
ECOL 8330: Landscape Ecology
ECOL/PBIO/FORS/CSS 8850: Terrestrial Biogeochemistry
ECOL 8910: Perspectives in Computational Ecology
GENE/ECOL 4020W/6020W: Biotic Responses to Climate Change
GEOG 4460/6460: Field and lab methods in remote sensing
GEOG 6040: Global Environmental Change During the Quaternary
GEOG 6150: Physical Climatology
GEOG 6810: Conservation Ecology and Resource Management
GEOG 8120: Seminar in Climatology
MARS 6810: Global Biogeochemical Cycles
MARS 8050: Climate, Oceans and the Marine Biosphere
MARS 8160: Marine Ecology
WILD/FISH 8300: Structured Decision Making and Adaptive Management
FANR 6750: Experimental Methods in Forestry and Natural Resources Research
WILD 8360: Quantitative Conservation Science
WILD/FISH 8370/8370L: Bayesian Modeling for Conservation Science
FANR 7620: GIS Applications for Natural Resources
GEOG 6350: Remote Sensing of Environment
GEOG 6370: Geographic Information Science
GEOG 8300: Multivariate Techniques in Geography

Social Sciences
ANTH 4085/6085: Conservation on a Changing Planet
ANTH 6010: Historical Ecology
ANTH 6300L: Ethnobotany
ANTH 6490: Foundations of Ecological Anthropology
ANTH 6620: Methods in Sociocultural Anthropology
ANTH 8500: Seminar in Ecological Anthropology
ANTH 8515: Institutional Dimensions of Sustainability
ANTH 8520: Cultural Dimensions of Biodiversity
ANTH 8560: Conservation and Development Practice
ANTH 8630: Anthropological Research Design and Proposal Development
FANR 8600: Qualitative and Case Study Methods in Natural Resources Research
FANR 8700: Social and Political Theory for Natural Resource Management
GEOG 6680: Gender and Geography
GEOG 6810: Conservation Ecology and Resource Management
GEOG 8305: Seminar in Qualitative Research Methods
GEOG 8810: Seminar in Human-Environment Relationships
NRRT 7900: Ecotourism and Sustainable Development

Law, Policy, Economics
AAEC 8100: Nonmarket Economic Valuation Techniques and Applications
ECOL 8710: Environmental Law Practicum
ECOL 8730: Environmental Policy
ENVM 6650: Environmental Economics
FANR 6810: Natural Resources Law
FORS 8020: Bio-Based Economy Seminar
MARS 8210: Topics in Coastal Marine Policy

Other
GRSC 8200: Communicating Research and Scholarship
Appendix C: ICON Representative Policy

Philosophy behind the Requirement of an ICON Representative
As students in the Integrative Conservation (ICON) program work towards the degree requirements of their “home” departments/schools (Anthropology, Ecology, Forestry & Natural Resources, Marine Sciences or Geography) and those of the ICON program, it is essential that the integrity of both programs be maintained. Doing so requires that the student, advisor, and committee members carefully consider what it means to be trained in both a specific discipline and an integrative perspective. Participating in the ICON program inevitably includes more requirements and review than a traditional degree, requiring additional coursework and necessitating different criteria for evaluating comprehensive exams and dissertations. It is critical, therefore, that at least one member of the committee has the integrative nature of the training program and research project at the core of his or her evaluative focus. The designation of one “ICON representative” on each student’s PhD committee is one of the key mechanisms by which the ICON program ensures that the integrative component of a student’s research and training is achieved in a meaningful way throughout the program of study.

What is an ICON Representative?
The responsibility of the ICON representative (‘ICON rep’) is to help guide the student as he or she builds integrative research and strategic communication skills. The ICON rep focuses on the integrative nature of the student’s course of study, research, comprehensive exams*, and dissertation, and should be an active member in the development and implementation of all stages of a student’s program. As is stated in the “ICON Core Research Principles and Criteria” document, the integrative component of the ICON degree can be operationalized in a variety of ways, and the exact method/approach should be decided upon as a committee, under the guidance of the primary advisor and in consultation with the ICON rep. The ICON rep will also help the student achieve the goal of producing a dissertation that is significantly different from what could or would be produced in a single-department training program.

*Please note that the ICON rep, and the ICON program in general, defers to the student’s home department in regards to comprehensive exam process and policy. The ICON program acknowledges that comps exams may differ across departments.

Student guidelines for selecting the ICON Representative
1. The ICON rep should be identified as early as possible in the student’s program of study. If the student has not identified an ICON rep by the start of the second academic year, he/she should contact the ICON Graduate Coordinator to discuss options.
2. The ICON rep cannot be the main advisor. As the ICON graduate handbook states, an ICON committee must have five members, with two from outside the home discipline. The ICON rep is designated from among those five people. It does not matter what discipline the ICON rep is from; the critical role of this person will be to advise on course selection, proposals, presentations, dissertation, etc. specifically with the project’s integrative component in mind, which is an additional perspective to his/her disciplinary or methodological expertise.
3. Students should seek approval of their selected ICON rep from the ICON Graduate Coordinator; email approval is sufficient (iconphd@uga.edu).
4. By the beginning of the student’s second academic year, the student should initiate a meeting with her/his advisor and ICON rep at which time they can all discuss a strategy for proactive involvement for the ICON rep.

Expectations of the ICON Representative
Because the program of study, preliminary exams, and other significant milestones are coordinated through the home department, the approval of the ICON rep serves as a proxy for the approval of the ICON Graduate Coordinator. In consultation with the advisor, the ICON rep should:
- Ensure that the student is able to craft a course of study and dissertation project that will meet high standards of excellence in both the home department and the ICON program, while acknowledging that being integrative doesn't necessitate developing the same level of expertise or going into the same level of depth in multiple disciplines as the student would in their home department.
- Acknowledge the limitations and variability in topics of study that may make them more or less conducive to integrative study.
• Actively work with the student and advisor in a way they all see fit to achieve the integrative component of the research. Being integrative may look different in different departments or disciplines, and there is no one model for an integrative dissertation (the entire dissertation can be integrative, or it can be made integrative by one or two key chapters).
• Play a role in coursework selection, committee constitution, internship selection, pre-proposal development, prospectus or proposal writing, comprehensive exams, and dissertation writing.
• Be familiar with and anticipate general differences between disciplines.

Expectations of the advisor in relation to ICON Representative
While the ICON rep plays a special role on an ICON student’s committee, the other committee members, and especially the student’s advisor, also are important for helping achieve the goals of the ICON program.
• Advisors should be aware of the key ICON policies and procedures as they relate to students’ ability to meet both their disciplinary and ICON requirements.
• Advisors are responsible for communicating information about the comprehensive exams process to the rest of the committee (define time frame, question formats, etc.).
• Also, advisors should always be encouraged to reach out to the ICON Graduate Coordinator if ever they are unclear on procedures or want extra insight into the goals of the program.

Who can serve as an ICON Representative?
The basic criteria for faculty to become an ICON rep is continued, active involvement in CICR and the ICON program to ensure a common understanding of the integrative research core principles and criteria (see “ICON Core Research Principles and Criteria”). Students should identify their ICON rep from the list of current ICON representatives below:

Jesse Abrams (rep for Sharma, Quan)
Pete Brosius (rep for Abbasnezhad, Paul)
Krista Capps (rep for Kumar)
Laura German (rep for Arney)
Ted Gragson (rep for Morris, Rojas, Seigerman)
Jeff Hepinstall-Cymerman (rep for Kaushik, Hofner, Matos)
Sonia Hernandez (rep for Torres)
Nik Heynen (rep for Balling, Gujarathi, Crawford, Ortiz, Beauvais, Julien)
Lizzie King (rep for Ubiali, Balasubramanian)
Marguerite Madden (rep for Gambill)
John Maerz
Don Nelson (rep for Del Toro Orozco, Rao)
Nate Nibbelink (rep for Crespo, Kosen, Morrow)
Cathy Pringle
Jennifer Rice (rep for Cross)
Meredith Welch-Devine (rep for Hecht, Bozeman, Hsiung, Navis, Nelson)
Seth Wenger (rep for Mital)

We are actively seeking increased participation in the ICON program and welcome faculty to become ICON representatives. Ways faculty can become ICON representatives include:
• Co-teach the ICON 8001 or 8002 courses, or
• By nomination of the ICON Program Committee

If you are interested in becoming an ICON representative please contact the ICON Graduate Coordinator (iconphd@uga.edu). Students are welcome to email iconphd@uga.edu if they have ideas regarding new potential ICON representatives.
Appendix D: ICON Internship Policy

Because a key goal of the ICON program is both to train practitioners who are comfortable in the academic world and academics who can collaborate with practitioners, ICON students will be required to undertake an internship, for academic credit, with a conservation organization, government agency, or other group identified as appropriate. The internship is designed to improve professional and personal skills by immersing the ICON student in collaborative work with NGO partners and local stakeholders. Building on CICR’s strong links with conservation organizations, the objectives of the internship are to provide ICON students with practical experience in conservation and sustainability careers, to help them learn program management skills, and to build their professional networks. ICON students will work closely with mentors from the agency or organization. Depending on the appointment and the needs of the organization or agency, students may: collect, analyze, and present data and information on activities of the organization; communicate best practices to internal or external audiences; manage databases; draft factsheets and reports; and otherwise assist in day-to-day activities of the organization, including budgeting, personnel and risk management, and program implementation.

Internship Policy

1. Internships can occur at any time during the year, though summer is ideal as it allows for fuller immersion.
2. Students will register for 3-8 credit hours of ICON 8111 (if on-campus) or ICON 8111E (if off-campus) for their internship. The internship course may be repeated for a maximum of 16 hours of credit. Departmental credit is available if needed (e.g. ANTH 8111 or 8111E). If departmental credit is needed, please contact your departmental graduate coordinator assistant to request the course and cc iconphd@uga.edu.
3. For internships abroad, students will need to register their international travel via the UGA General Independent Experience Abroad application. This step may delay your travel authority approval, thus students should plan accordingly. Deadlines for Student & Department Applications: November 1 for Spring or Calendar Year applications; April 1 for Summer, Fall or Academic Year applications. For full details on the policies and procedures regarding establishment of Independent Experiences Abroad for students abroad, please see the Reporting Student Travel Policies on the Office of Global Engagement’s website.
4. Students will maintain regular work schedules that total a minimum of 100 hours of effort over the course of the internship.
5. Students should initiate discussion of potential internships with their faculty advisors early in the ICON program. The ICON graduate coordinator is available to work with students and their advisors to identify an appropriate internship if assistance is needed.
6. Students need to identify an individual from his or her internship organization who will serve as a mentor throughout the internship.
7. Prior to the internship beginning, students must create a brief proposal with the following information: name of organization/agency, types of activities and responsibilities the student will take on, and what the student hopes to get out of the experience. Internship proposals should be emailed to the ICON graduate coordinator (iconphd@uga.edu), the internship mentor, and faculty advisor. Faculty advisors must approve of the internship selection (email approval is sufficient). The graduate coordinator will be charged with developing alternatives for students who cannot be placed in an internship for one reason or another.
8. At the end of the internship, students will prepare a brief report* (1-2 pages) describing what they did during the internship, what they learned, and where they think this experience might direct their careers in the future. Their course grade will be based on this reflection and on the recommendation of their internship mentor. Reports should be emailed to the ICON graduate coordinator (iconphd@uga.edu). Reports are due on the last date of final exams for the current semester.
9. In addition to the student report, mentors will need to complete a brief evaluation form* to provide
feedback on the student’s duties and progress through the internship. Evaluation forms should be emailed to the ICON Graduate Coordinator (iconphd@uga.edu). *Forms are due on the last date of final exams for the current semester.*

*Students will not be assigned grades until report and mentor evaluation forms are received. Contact the graduate coordinator with any questions about the ICON internship (iconphd@uga.edu).
Appendix E: ICON Research Assistantship Policy

The purpose of the ICON research assistantship (RA) is to help ensure that the creativity and participation of our funded students contributes to the ICON program and the Center for Integrative Conservation Research (CICR), and that ICON RAs gain experience through these projects and activities that strengthens their research, communication, and collaborative skills and also broadens their network of colleagues and faculty. Opportunities for participation in ICON/CICR programming are not limited only to ICON RAs. Instead, all ICON students are encouraged to find ways to participate in various activities of ICON/CICR, but ICON RAs are required to participate as part of their funding arrangements.

An ICON RA is defined as any student funded by an ICON research assistantship and does not apply to any ICON student funded by other university, department, or external sources (e.g. home or other departmental funding, and external grants). ICON RA funding is assigned to the student, and should the student change advisors or departments, the funding remains with the student and new arrangements between the student, their advisor, and the ICON program should be discussed. ICON RAs are awarded on a competitive basis each year.

1. At the beginning of fall semester, ICON RAs will be sent a list of available positions for the new academic year and asked to rank their top choices. ICON program staff will assign projects based on student interest and applicable skills. During the first 2 weeks of each semester the RA agreement form will be completed. **It is the responsibility of the ICON RAs to communicate with their advisors about the responsibilities they assume at the beginning of each semester.**

2. The CICR Director, ICON Graduate Coordinator, and Program Coordinator will serve as the main points of contact for students for their ICON RA responsibilities.

3. All ICON RAs will be expected to participate in the monthly RA meetings.

4. Students should work no more than 16 hours per week, or the amount specified in their funding letter. The 16 hours-per-week commitment should first be allocated to ICON RA responsibilities, and the total number of hours of ICON RA and advisor-related activities may not exceed the specified maximum hours of work. The use of remaining weekly RA hours should be negotiated between the student and faculty advisor. Preferred arrangements include: remaining RA time to be used by the student on their own research; remaining RA time to be dedicated to advisor research that is directly related to the student’s research. Work not directly related to the student’s research or education should not be performed during ICON RA hours. In the event a student feels they are working more than the assigned hours, they are asked to contact the CICR Director or ICON Graduate Coordinator about the situation.

5. In the event an ICON RA is not adequately fulfilling their responsibilities, a meeting will be arranged between the CICR Director, ICON Graduate Coordinator, the student, and their advisor to discuss the situation and identify solutions.

**Examples of ICON RA projects:**
ICON leadership will identify opportunities for engagement before the beginning of each academic semester. Examples of projects may include (but are not limited to):

- Social media management: soliciting content, retweeting and posting to the CICR and ICON social media accounts
- Event coordination: planning and executing monthly and/or annual research symposia or guest speaker events
- CICR research support: supporting the CICR director with faculty research facilitation initiatives
Appendix F: ICON Core Research Principles and Criteria

**Philosophy:** ICON students strive to cross disciplinary lines, epistemologies and worldviews to give full and balanced space to understanding complex problems from multiple perspectives. This reflects a recognition that:

- Each discipline and epistemology highlights certain dimensions of a research problem while leaving others out. Integrative research utilizes multiple ways of approaching a problem to highlight more than one dimension of its complexity, thus providing a more comprehensive understanding of the problem.
- When problems are sufficiently complex, it may become impossible to unify the views from multiple perspectives into an integrated whole, requiring that space be made for dissonance and incommensurability.
- Addressing complex socio-environmental issues involves trade-offs no matter what course of action (or inaction) is taken. Integrative research sheds light on the trade-offs that occur in past, present, and future negotiations of complex socio-environmental challenges, providing a more comprehensive understanding of what is lost and what is gained through particular policies or practices.
- Integrative also means that there is a plurality of strategies for the generation and communication of knowledge, and a plurality of audiences. This exchange of knowledge is not one-way from the researcher to the end users; rather the development of knowledge should be a partnership, a dialogue, and an iterative process that shapes and directs the research agenda along the way.
- Both conservation and academic research have a history of colonialism, racism, and hubris. Integrative conservation research and practice should recognize this history, be carried out with humility, and contribute to social justice.
- Reflexivity in knowledge production is an essential element of integrative research, and includes critical reflection on the power relations involved in knowledge production and how one's own positionality shapes knowledge production and exchange.

Integrative research values pluralism of perspectives brought to an issue, as opposed to (a) a suite of distinct studies of different parts of a given system (multi-disciplinary studies often fall into this category), or (b) assimilation/synthesis across various parts of a system, which tackles all the complexities of an issue through one unifying analytical approach.

Below are three core principles for integrative research that ICON students should carefully consider as they develop their prospectus and their dissertation, and four criteria that must be met for a dissertation to be considered integrative. Effectively applying these principles and criteria requires an ongoing dialogue with the major advisor, ICON representative and committee members.

**Core principles of integrative research:****

- **Complexity:** Human and natural systems are inextricably linked, complex systems subject to large uncertainties. All models and analytical tools for understanding conservation and sustainability issues engage in some form of simplification of complexity, and none provide a comprehensive picture. It is critical to acknowledge the limitations and uncertainties inherent in studies of these complex systems.

- **Pluralism:** Conservation and sustainability issues, and the trade-offs they entail, are experienced and understood from a variety of perspectives. Each perspective highlights certain dimensions and obscures others, yet knowledge encounters often play out on uneven ground with certain ways of knowing privileged over others. Integrative research deliberately seeks out and incorporates alternative knowledges and experiences that are not traditionally captured in...
academic research or particular research traditions. Better formulation of problems can occur when new ways of understanding are developed collaboratively and iteratively with the input of multiple voices and multiple perspectives. Diligence is necessary to ensure that all voices, particularly those of historically marginalized groups, are heard, understood, respected and effectively incorporated in a pluralistic dialogue.

- **Context**: Analytical tools and methods should be applied with sensitivity to the historical, political, economic, institutional and social contexts in which research and decision-making occur. There are no panaceas or one-size fits all solutions, nor are there necessarily solutions with long-term staying power. Decisions and strategies will have to be revisited as new knowledge emerges, and as the social, political, economic, and ecological contexts change. Context shapes not only how we and others behave and make decisions, but also the meaning of our research, and the potential consequences of our findings.

**Criteria for integrative research:**

1. **Multiple epistemologies**: The doctoral research of ICON students should demonstrate the application and interface of multiple perspectives and/or worldviews, and actively engage questions of the (in)commensurability and (in)completeness of distinct epistemologies. There are multiple levels at which this can be done, depending on the specific research problem. The engagement of multiple perspectives should be evident throughout the dissertation, from problem framing to literature review, research questions and methodology.
   a. **Problem framing**: Integrative problem definition means defining problems through multiple epistemologies or lenses, illustrating the differences between epistemologies, and considering the implications for understanding and/or addressing the problem. In recognition of calls to decolonize\(^2\) knowledge production and conservation, this means being intentional about questioning dominant assumptions about environmental conditions and their causes. It might also include framings that are intentional about balancing or exploring synergies between environmental and social justice concerns.
   b. **Literature review**: Integrative research includes reviewing the literatures relevant to the problem that stem from distinct epistemological perspectives. It means doing so not just in ways critical of other perspectives, but in ways that demonstrate an appreciation of alternative framings and explores in a balanced way the questions that emerge through attempts to simultaneously engage divergent framings of a problem (including whether they are in fact commensurable).
   c. **Research questions**: To design research questions in an integrative way means asking questions from divergent epistemological or disciplinary framings, and/or designing research questions that can only be answered by engaging methods and theories from diverse disciplines.

2. **Mixed methods**: An integrative methodology means employing mixed methods from diverse disciplines to answer one or more questions, triangulating methods when addressing a single (integrative) research question, and using multiple methods to explore the interface between diverse perspectives. This may be done to illustrate how bringing multiple perspectives to bear on a problem confounds or clarifies the nature of the problem; to illustrate the roots of misunderstanding so as to facilitate efforts at bridging diverse camps; to demonstrate incommensurability in a way that gives due credence to divergent perspectives but acknowledges trade-offs; or any other aims relevant to the problem context and framings. It may also mean shifting from traditional methods of one-sided data collection to methods of

\(^2\) While decolonization has multiple definitions and applications, Tuck and Yang (2012) define it as something which “brings about the repatriation of Indigenous land and life”; they discourage use of the term as a metaphor for broader human and civil rights or social justice efforts.
knowledge exchange, partnership and co-production\textsuperscript{3}.

3. \textit{Communication and reflexivity}: Effective engagement with multiple epistemologies and using multiple methods to interface between diverse perspectives means students must be in continuous dialogue with other fields of knowledge and practice, and are expected to extend the dialogue among lay audiences and/or with historically marginalized groups. The aims may vary and include clearly communicating scientific evidence to the public, challenging dominant paradigms by inviting a target audience to expand the scope of its current understanding, co-producing knowledge to bring marginalized perspectives and interests to the fore, or even “making room and moving over” (Latulippe and Klenk 2020). Core competencies for effective communication include critical reflection on one’s own positionality and the power relations involved in environmental knowledge production (i.e., reflexivity), and humility in how scientific authority is wielded in different contexts. It also likely involves acknowledging the ‘incompleteness’ of the message being delivered and demonstrating openness to alternative framings of the problem as well as heeding calls to break down barriers between researchers and researched (e.g., Klenk 2018). As students pursue their dissertation research, they will be responsible for developing and implementing a plan for communication related to their research topic and demonstrating how it was achieved at the completion of the dissertation research.

4. \textit{Relevance to practice}: Students should strive to design their research program with the relevance to practice in mind. This involves an intentional engagement with communities, practitioners, or decision-makers outside of academia. There are several ways to do this, including (but not limited to) have the dissertation directly inform or facilitate decision-making or policy-development; engage with practitioners or other non-academics to develop a research program that addresses real world problems; or collaborate with historically marginalized groups to address issues of concern to them.

\textbf{References}


\textsuperscript{3} Klenk (2020) argues for a form of transdisciplinarity centered on “attunement to difference”, in which research is evaluated by “the relations that compose it and the obligations it calls forth, rather than solely on pre-determined values.”
Appendix G: ICON Best Practices
A living document meant to communicate shared expectations among the student, the advisor, and the ICON representative (ICON rep). If you have questions or suggestions for edits please contact the Graduate Coordinator (iconphd@uga.edu).

Types of questions ICON reps should ask
This is a menu of questions to be asked throughout the program of study, but not all will apply to each student’s program of study, and not all dissertations will look the same. This list, while developed for ICON reps, can and should be used by students as they progress through their research. Please ask these questions throughout the program of study.

1. What is your integrative question driving the research (all ICON projects should have an integrative question)
2. What makes this an ICON research question/dissertation? How does this differ from a traditional [e.g. Geography] research question/dissertation?
3. What does your home discipline miss about this research/research question?
4. What courses outside of your home discipline can you take to help your research?
5. Is there a paragraph in the proposal describing how this research is integrative?
6. What is the strategic communication component?
7. Does this go beyond a critique? If so, what are you proposing?
8. Is the dissertation integrative beyond the context, setting or field? Is the research itself integrative, over and beyond a socio-ecologically complicated setting? (i.e. working in a socio-ecologically complicated setting or issue does not equate to doing integrative research)
9. Which lenses or epistemologies does the dissertation engage? Based on the epistemologies used, what’s being illuminated and what’s being left out?
10. Does the dissertation have a chapter that talks about the struggle to be integrative? Or, in writing at least one chapter of the dissertation, do you plan to be integrative?
11. How does your research reach beyond academia?
12. Are you using terms ("ecological", "political ecology", etc.) in ways that experts in those fields would agree with your usage?
13. How would somebody from a different perspective/discipline hear the same question you are asking?
14. What motivated/inspired the integrative nature of your project?

Common habits of highly integrative students
1. Proactively interact with faculty outside of home department/school
2. Take courses outside of home discipline
3. Read deeply the theory and methods from the different epistemologies they would like to engage (inside and outside their home discipline / unit)
4. Draw on several fields to answer research question (because the question demands it)
5. Go to seminars across campus
6. Attend other professors’ lab groups, if possible
7. Be a resource, not just a consumer (in terms of lending your skills to others, in line with mentoring others, etc.)
8. Talk openly/often about your work with people across campus and outside of UGA, non-academics, people from NGOs
9. Ask questions
10. Take interest in the passionate debates in other departments - wrestle with understanding the ideas at the forefront of others’ fields. It will help you understand their discipline more and make your work more relevant to their way of thinking.
Dissertation Advice for Students

1. “Walk in the shoes of another discipline”
2. ‘Multiple epistemologies’ is meant to be broader than just bridging the natural/social science divide
3. Describe what you tried to do, and why it did or didn’t work. Include narrative in the Introduction and/or Conclusion, because the knowledge of what went wrong can be helpful to others
4. Make epistemologies talk to each other, even if they don’t agree
5. Being integrative may look different in different departments/disciplines
6. There is no one model to an integrative dissertation (the whole document can be integrative, or a dissertation can also be made integrative by one or two key chapters)
7. Try to deeply understand the sharpest critiques, or things that may be at odds with your own perspective/problem framing
8. Discuss your strategic communication efforts!

How to Develop and Implement a Plan for Strategic Communication and Reflexivity

1. Identify specific ways in which your work will call for (or benefit from) communication with other fields of practice, with lay audiences, and/or with historically marginalized groups.
2. Seek opportunities to employ reflexivity (critical reflection on one’s own positionality and the power relations involving environmental knowledge production)
3. Demonstrate humility in how you wield scientific authority in written and oral communications
4. Acknowledge in your work the ‘incompleteness’ of the message being delivered. Demonstrate openness to alternative framings of the problem.
5. Demonstrate how your strategic communication plan was achieved at the completion of the dissertation research (generally in the discussion/final chapter of your dissertation).
Appendix H: Dismissal from Graduate Status in the ICON PhD Program

Dismissal from the ICON program is a separate process from dismissal from the student’s home unit. Dismissal from the ICON program does not automatically result in the student’s dismissal from the home unit’s graduate program. For information about the dismissal policy from each of the home units, please contact the home unit graduate coordinator. A student that is dismissed from the home unit is automatically dismissed from the ICON program.

1. Students may be dismissed from the ICON program at the end of any semester or term if they have not made sufficient academic progress to warrant continuation of study, have not met their responsibilities, have not met their admittance stipulations, or have not maintained accepted standards of conduct. These conditions include students who:
   - End two consecutive semesters with a cumulative GPA below 3.0.
   - Fail to pass the written or oral comprehensive examination or the final oral examination, after consideration of examination repeats or remedial work the student’s advisory committee has recommended.
   - Fail to make acceptable progress in their dissertation project; this may be determined, in part, by information from the annual written evaluation of the student by the major professor, or by recommendations from the student’s advisory committee.
   - Fail to gain approval of their dissertation.
   - Were admitted provisionally and then fail to meet the specified admission conditions within the specified time frame.
   - Were dismissed from their home unit’s graduate program.

2. Dismissal Procedure:
   - The major professor, a member of the student’s advisory committee, or any other faculty member who has relevant information may initiate the process by bringing the facts to the attention of the Graduate Coordinator.
   - The student involved will be notified in writing by the Graduate Coordinator within 7 days that dismissal is being considered. The Graduate Coordinator will also notify the student’s home department Graduate Coordinator and major professor (if applicable). The student may provide a statement or additional details in written format to the Graduate Coordinator, and/or request a meeting with the Graduate Coordinator to provide information.
   - The Graduate Coordinator will then report back to the Graduate Affairs Committee, and the Graduate Affairs Committee will then meet to decide if a student should be dismissed from the ICON program. The CICR Director can temporarily replace a faculty member on this committee if in the Director’s judgment this would lead to a fairer process.
   - The Graduate Affairs Committee may recommend dismissal or other academic measures, such as a probation or development of an improvement plan, as it deems appropriate, after it reviews the facts and circumstances. A majority vote of the GAC is required for the dismissal from ICON, or any other remedial action, to be approved. Following the GAC vote, the Graduate Coordinator will work with the student’s home department to decide on and finalize written notification for the student, with one of the options below selected:
     - No Action,
     - Remedial measures required (with details included),
     - Dismissed from ICON, but given option of degree change to stay in home unit, or
     - Dismissed from ICON and home unit.
   - The student involved is notified in writing when a determination has been made.
The Graduate School will then be notified in writing of the dismissal and the reason for the dismissal.

3. Appeals Process

- Students may appeal dismissals as per the UGA Graduate School appeals procedure (Graduate School Dismissal Policy: https://grad.uga.edu/index.php/current-students/policies-procedures/academics/probation-and-dismissal/)

4. Students should acquaint themselves with all applicable Board of Regents, University of Georgia, and ICON Program policies, including, but not limited to the following:
  - Non-Discrimination and Anti-Harassment Policy: https://eoo.uga.edu/civil_rights_NDAH/cr-ndah/
  - Prohibited Amorous Relationships: https://eoo.uga.edu/About/things_to_know/#:~:text=The%20University%20System%20of%20Georgia,or%20evaluates%20in%20any%20way
  - Workplace Violence: http://safeandsecure.uga.edu/workplace.html
  - Handbook for ICON Program: https://cicr.uga.edu/icon-Phd-program/#icon-resources
  - Code of Conduct: https://conduct.uga.edu/code-of-conduct/
  - Academic Honesty: https://honesty.uga.edu/Academic-Honesty-Policy/

Violations of these policies may result in disciplinary action up to and including dismissal from the University. Adoption: October 31, 2018
Graduate Assistants
OneUSG Connect Quick Start

Log In to OneUSG Connect
You can access OneUSG Connect on the OneSource homepage at onesource.uga.edu. Click the OneUSG Connect drop-down to access the system. When prompted, log in using your MyID and password.

Verify and Update Your Personal Information
From OneUSG Connect Employee Self Service, click the Personal Details tile. Verify your address, contact details, emergency contacts, and additional information. You can edit the information, or contact your HR representative if the information is incorrect.

Verify and Update Your Direct Deposit Information
From OneUSG Connect Employee Self Service, click the Payroll tile then click the Direct Deposit tile. Verify your direct deposit account information is correct. Click Edit to make any necessary changes. Click Add Account to add a new account. You can have a maximum of 6 direct deposit accounts. You can submit direct deposit account changes once a day and you will receive a confirmation email any time you make changes.

Sign Up for an Electronic W-2
To receive your W-2 electronically, you need to sign up in OneUSG Connect Employee Self Service. You must opt in before December 31 of the current year. Consent only needs to be provided once. To opt in, visit OneUSG Connect Employee Self Service and click the Payroll tile then click the Taxes tile. Click the W-2/W-2c Consent link. Click the box to Check here to indicate your consent to receive electronic W-2 and W-2c forms. Click Submit.

Add W-4 and G-4 Information
W-4: Access the OneUSG Connect Employee Self Service and navigate to the Taxes tile. Select W-4 tax information and enter the appropriate withholdings. The OneSource Training Library serves as an additional resource to assist in navigation and making the appropriate entries for tax withholding.
G-4: Access the OneUSG Connect Employee Self Service and navigate to the Taxes tile. Select G-4 tax information and enter the appropriate withholdings. The OneSource Training Library serves as an additional resource to assist in navigation and making the appropriate entries for tax withholding.
Review Your Pay Stub

Graduate students are paid on the last business day of the month. For a list of pay dates, please view the OneUSG Connect Payroll Calendars on the UGA Payroll website.

From OneUSG Connect Employee Self Service, click the Payroll tile then click the Pay tile.

To view a pay stub, click the arrow next to the appropriate pay date. A Monthly Pay Advice job aid to help you understand the information on your paycheck can be found in the OneSource Training Library on the Quick Reference Materials for Employees page.

ADDITIONAL RESOURCES FOR GRADUATE ASSISTANTS

- For more detailed instructions on adding/updating direct deposit information and other HR/Payroll tips, please see the OneSource Training Library (training.onesource.uga.edu) under OneUSG Connect HR/Payroll topics >Employee Self Service > ESS for Graduate Assistants.

- For questions or issues, contact OneUSG Connect Support at: oneusgsupport@uga.edu or at 706-542-0202 (option 1).

- Online version: https://onesource.uga.edu/faculty_and_staff_guide/ under Employee Checklists and click on the Graduate Assistants Quick Start.