



March 20, 2019

Office of Curriculum Systems
319 New College
The University of Georgia
Athens, GA 30602

Re: Proposed Consolidation of the PhD in Integrative Conservation

To whom it may concern:

The Integrative Conservation Ph.D. Program Committee has voted in favor of my routing this proposal to consolidate the four (4) separate Integrative Conservation Ph.D. major programs into one major program. Thus, this proposal requires the following steps:

- 1) A proposal to change the name of the major in "Integrative Conservation and Geography (Ph.D.)" to "Integrative Conservation (Ph.D.)."
- 2) A proposal to deactivate the three (3) remaining Ph.D. programs: Integrative Conservation and Anthropology (Ph.D.), Integrative Conservation and Ecology (Ph.D.), Integrative Conservation and Forestry and Natural Resources (Ph.D.).
- 3) A proposal to add four (4) areas of emphasis under the changed major name - Integrative Conservation (Ph.D.):
 - a. Area of Emphasis in Anthropology
 - b. Area of Emphasis in Ecology
 - c. Area of Emphasis in Forestry and Natural Resources
 - d. Area of Emphasis in Geography

This proposal to consolidate the Integrative Conservation (ICON) PhD from four separate majors to one consolidated major program will (1) ensure that the program meets minimum requirements for program viability as defined by the USG Board of Regents, and (2) allow additional academic units to offer the degree in the future without proposing a new graduate program. Administrative support for the program will remain unchanged, and is provided by the Graduate School and Center for Integrative Conservation Research (CICR) in cooperation with each home unit offering the degree. Similarly, the admissions process, curriculum and program governance remain the same. Governance consists of a Program Director (CICR Director), Graduate Coordinator, Graduate Affairs Committee, and Graduate Program Committee. Committees are composed of representatives from each academic unit offering the ICON (Ph.D.) major. The funds, courses, and space required for the program remain in place. The faculty of each of the current ICON degree granting units have voted in favor of this proposal.

Sincerely,

Nathan Nibbelink
Director, Center for Integrative Conservation Research/
Integrative Conservation PhD Program
Professor, Warnell School of Forestry and Natural Resources

Alan Dorsey
Dean, Franklin College of Arts and Sciences

Dale Greene
Dean, Warnell School of Forestry and Natural Resources

Theodore Gragson
Professor and Department Head, Anthropology

John Gittleman
Dean and UGA Foundation Professor, Odum School of Ecology

Steve Holloway
Professor and Department Head, Geography

NAME CHANGE JUSTIFICATION FORM

School/College Name: Franklin College of Arts and Sciences

Department Name: Geography

Proposed effective date: Spring 2020

Major Name Change:

Current Major Name:	Degree:	Proposed Major Name:	Degree:
Integrative Conservation and Geography	Ph.D.	Integrative Conservation	PhD

Justification of the Proposed Name Change

The program in Integrative Conservation (Ph.D.) (“ICON”) was implemented in August 2011 with the core mission to train the next generation of conservation and sustainability practitioners and scholars able to address complex conservation challenges. Currently, the ICON program is actually comprised of four separate majors:

Integrative Conservation and Anthropology (Ph.D.)
Integrative Conservation and Ecology (Ph.D.)
Integrative Conservation and Forestry and Natural Resources (Ph.D.)
Integrative Conservation and Geography (Ph.D.)

The table below highlights applications and acceptance, across all four majors, from 2013 through 2017.

	2013	2014	2015	2016	2017
Applications	35	29	33	37	35
Accepted	13	11	13	15	13

The Integrative Conservation (Ph.D.) program serves two purposes: 1) to confront the challenges of 21st century conservation research and practice by training agile scientists, and 2) to ensure that students gain disciplinary depth while also learning to collaborate across disciplines and fields of practice to seek integrative solutions to complex conservation challenges.

At this time we propose to change the name of ‘Integrative Conservation and Geography (Ph.D.)’ to ‘Integrative Conservation (Ph.D.)’ as a first step in consolidating the four majors into one single major. Doing so will allow us to extend the program to students (and faculty advisors) beyond the four original units, which will attract more applicants, increase enrollment, broaden faculty participation, and enable the program to continue provide cutting edge interdisciplinary training. As of spring 2017, ICON faculty members have been approached by faculty from three units (College of Environment and Design, College of Engineering, and Department of Marine Sciences) who have expressed interest in joining ICON. Program expansion, through this combination proposal, will also increase the number of faculty members advising and serving on ICON student committees.

The specific justifications for changing the name of the major from ‘Integrative Conservation and Geography (Ph.D.)’ to ‘Integrative Conservation (Ph.D.)’ are as follows:

- The new name more clearly conveys the broader emphases of the program.
- The change serves as the first step to streamline the program into one that offers a single major with multiple participating units (like the Toxicology PhD program).

We propose the name change take effect in Spring 2020, and accepted students enrolling for Fall 2019 would be required to change their degree objective to ‘Integrative Conservation’ in January 2020. We have communicated this name change to applicants currently being recruited. Students already enrolled in each of the majors being deactivated will be given the option to: a) change their degree objective to the new program, or b) remain in their current program until graduation or the end of the deactivation phase, whichever comes first.

NAME CHANGE APPROVAL PAGE:


Current Name(s): Integrative Conservation and Geography (Ph.D.)

Proposed Name(s): Integrative Conservation (Ph.D.)

Effective Term: Spring Semester 2020

Department: Geography

Department Head Name (print): Dr. Steve Holloway

Department Head (sign & date):  3/25/19

School/College: Franklin College of Arts and Sciences

Dean Name (print): Dr. Alan Dorsey

Dean (sign & date): _____

Completed proposals containing graduate programs should be submitted to the Graduate School at krabney@uga.edu or Graduate School, Terrell Hall.

Completed proposals containing undergraduate programs only should be submitted to the Office of Curriculum Systems at currsys@uga.edu or 319 New College.

For information or assistance, please contact the Office of Curriculum Systems at currsys@uga.edu or 542-6358.

OUTLINE FOR DEACTIVATION OR TERMINATION OF A GRADUATE OR UNDERGRADUATE DEGREE PROGRAM

I. Basic Information

1. Institution University of Georgia Date March 20, 2019
2. School/College: Franklin College of Arts and Sciences
3. Department/Division: Anthropology
4. Major: Integrative Conservation and Anthropology (Ph.D.)
5. Deactivation: or Termination:
6. Last date students will be admitted to this program: August 2019
7. Last date students will graduate from this program: December 2021
8. Abstract of the deactivated or terminated program:

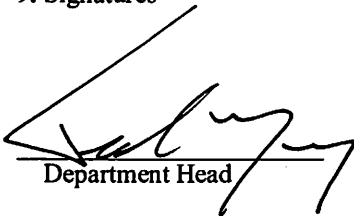
We are deactivating this major as part of a combined proposal to consolidate the current four Integrative Conservation (ICON) Ph.D. majors into a single major. Currently, the ICON program includes four majors in each of the four participating units (Warnell School of Forestry and Natural Resources, Odum School of Ecology, and the departments of Anthropology and Geography). Consolidating the program into one major, which can be offered by participating colleges/schools, will better reflect the true nature of the program (one active program vs. four low performing programs). As no courses will be added or deleted, students will experience no deleterious effect as a result of this action. The decision for the deactivation of the program is based on low graduation rates in the Integrative Conservation and Anthropology major. According to our records, there were no graduates in 2018 or 2017, and only one in 2016.

Students currently enrolled in the program will be allowed to graduate through the end of the deactivation period. Students have been notified of the possibility of this change beginning in fall 2018 during the program orientation, and all students enrolled in this major will receive an email as soon as the program is formally deactivated. All continuing students will be given an option to change to the newly created major in Integrative Conservation Ph.D. or remain in and complete the deactivated program. Dr. Sonia Hernandez, the program's graduate coordinator, will counsel those students and oversee their progress toward completion of the degree.

The ICON program faculty discussed the Integrative Conservation and Anthropology major at our faculty meeting on September 17, 2018, and voted unanimously to consolidate the four majors, thus necessitating we deactivate this program. Since we are proposing to consolidate this program into another major, there will be no negative impact on faculty or staff through its deactivation.

We do not anticipate that the deactivation of this program will adversely affect Integrative Conservation program at all. Students will still be able to apply to the Integrative Conservation (Ph.D.) program through the department of Anthropology. There are no plans to reinstate the major in Integrative Conservation and Anthropology (Ph.D.).

9. Signatures



Department Head

Dean of School/College

Dean of Graduate School

OUTLINE FOR DEACTIVATION OR TERMINATION OF A GRADUATE OR UNDERGRADUATE DEGREE PROGRAM

I. Basic Information

1. Institution University of Georgia Date March 20, 2019
2. School/College: Odum School of Ecology
3. Department/Division: Odum School of Ecology
4. Major: Integrative Conservation and Ecology (Ph.D.)
5. Deactivation: or Termination
6. Last date students will be admitted to this program: August 2019
7. Last date students will graduate from this program: December 2021
8. Abstract of the deactivated or terminated program:

We are deactivating this major as part of a combined proposal to consolidate the current four Integrative Conservation (ICON) Ph.D. majors into a single major. Currently, the ICON program includes four majors in each of the four participating units (Warnell School of Forestry and Natural Resources, Odum School of Ecology, and the departments of Anthropology and Geography). Consolidating the program into one major, which can be offered by participating colleges/schools, will better reflect the true nature of the program (one active program vs. four low performing programs). As no courses will be added or deleted, students will experience no deleterious effect as a result of this action. The decision for the deactivation of the program is based on low graduation rates in the Integrative Conservation and Ecology major. According to our records, there was one graduate in 2015.

Students currently enrolled in the program will be allowed to graduate through the end of the deactivation period. Students have been notified of the possibility of this change beginning in fall 2018 during the program orientation, and all students enrolled in this major will receive an email as soon as the program is formally deactivated. All continuing students will be given an option to change to the newly created Ph.D. in Integrative Conservation or remain in and complete the deactivated program. Dr. Sonia Hernandez, the program's graduate coordinator, will counsel those students and oversee their progress toward completion of the degree.

The ICON program faculty discussed the Integrative Conservation and Ecology major at our faculty meeting on September 17, 2018, and voted unanimously to consolidate the four majors, thus necessitating we deactivate this program. Since we are proposing to consolidate this program into another major, there will be no negative impact on faculty or staff through its deactivation.

We do not anticipate that the deactivation of this program will adversely affect Integrative Conservation program at all. Students will still be able to apply to the Integrative Conservation (Ph.D.) program through the Odum School of Ecology. There are no plans to reinstate the major in Integrative Conservation and Ecology (Ph.D.).

9. Signatures

Department Head



Dean of School/College

Dean of Graduate School

OUTLINE FOR DEACTIVATION OR TERMINATION OF A GRADUATE OR UNDERGRADUATE DEGREE PROGRAM

I. Basic Information

2. School/College: Warnell School of Forestry and Natural Resources
3. Department/Division: Warnell School of Forestry and Natural Resources
4. Major: Integrative Conservation and Forestry and Natural Resources (Ph.D.)
5. Deactivation: X or Termination
6. Last date students will be admitted to this program: August 2019
7. Last date students will graduate from this program: December 2021
8. Abstract of the deactivated or terminated program:

We are deactivating this major as part of a combined proposal to consolidate the current four Integrative Conservation (ICON) Ph.D. majors into a single major. Currently, the ICON program includes four majors in each of the four participating units (Warnell School of Forestry and Natural Resources, Odum School of Ecology, and the departments of Anthropology and Geography). Consolidating the program into one major code, which can be offered by participating colleges/schools, will better reflect the true nature of the program (one active program vs. four low performing programs). As no courses will be added or deleted, students will experience no deleterious effect as a result of this action. The decision for the deactivation of the program is based on low graduation rates in the Integrative Conservation and Forestry and Natural Resources major. According to our records, there were three graduates in 2016, one in 2017, and three more graduates are expected by the end of 2018.

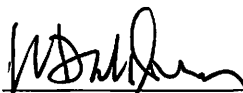
Students currently enrolled in the program will be allowed to graduate through the end of the deactivation period. Students have been notified of the possibility of this change beginning in fall 2018 during the program orientation, and all students enrolled in this major will receive an email as soon as the program is formally deactivated. All continuing students will be given an option to change to the newly created Ph.D. in Integrative Conservation or remain in and complete the deactivated program. Dr. Sonia Hernandez, the program's graduate coordinator, will counsel those students and oversee their progress toward completion of the degree.

The ICON program faculty discussed the Integrative Conservation and Forestry and Natural Resources major at our faculty meeting on September 17, 2018, and voted unanimously to consolidate the four majors, thus necessitating we deactivate this program. Since we are proposing to consolidate this program into another major, there will be no negative impact on faculty or staff through its deactivation.

We do not anticipate that the deactivation of this program will adversely affect Integrative Conservation program at all. Students will still be able to apply to the Integrative Conservation (Ph.D.) program through the Warnell School of Forestry and Natural Resources. There are no plans to reinstate the major in Integrative Conservation and Forestry and Natural Resources (Ph.D.).

9. Signatures

Department Head



Dean of School/College

Dean of Graduate School

PROPOSAL FOR AREA OF EMPHASIS

1. **School/College:** Franklin College of Arts and Sciences
2. **Department/Division:** Anthropology
3. **Major:** Integrative Conservation (Ph.D.)
4. **Major Requirements:** Requirements for the major in Integrative Conservation (Ph.D.) with an Area of Emphasis in Anthropology are identical to the requirements of the existing major in Integrative Conservation and Anthropology (Ph.D.), and consist of the 18 credit hours of ICON coursework while simultaneously meeting the requirements for a Ph.D. in Anthropology:

Core Integrative Conservation Degree Requirements

ICON 8001	-- 3 hours
ICON 8002	-- 3 hours
ICON 8111/8111e	-- 3 hours
ICON 8110	-- 1 hour
ICON/ECOL 8400	-- 2 hours
ICON electives	-- 6 hours total (see Appendix for course list)

The degree requirements for the areas of emphasis listed below are the same degree requirements for the standard PhD in each respective home unit. If degree requirements for the standard PhD should change, then requirements for the areas of emphasis will change in corresponding fashion.

Degree Requirements for Area of Emphasis in Anthropology

ANTH 6490	-- 3 hours	ANTH 9005	-- 6 hours
ANTH 6520	-- 3 hours	ANTH 9000	-- 3 hours
ANTH 8400	-- 3 hours	ANTH 9300	-- 3 hours
ANTH 8420	-- 3 hours		
Electives	-- 28 hours from list provided, including up to 6 more hours of ANTH9000		

Hours required for area of emphasis:

- 66

Hours that must be in courses only open to graduate students:

- 20

Additional requirements:

- 6 hours of appropriate training in theory
- Research methodology and techniques
- Foreign language competency

5. **Area of Emphasis Title:** Anthropology
6. **Proposed starting date:** Spring 2020
7. **Area of Emphasis Description:**

The Area of Emphasis in Anthropology will be offered under the major in Integrative Conservation (Ph.D.) by the Department of Anthropology, Franklin College of Arts and Sciences, University of Georgia. The goal of the program is to confront the challenges of 21st century conservation research and practice by training agile scientists, and to ensure that students gain disciplinary depth in Anthropology while also learning to collaborate across disciplines and fields of practice to seek integrative solutions to complex conservation challenges. This is accomplished through the core ICON courses, electives, and mechanisms such as internships, strategic communication and collaborative research and training.

AREA OF EMPHASIS APPROVAL PAGE:

Proposal Name: Area of Emphasis in Anthropology under the major in Integrative Conservation (Ph.D.)

Effective Term: Spring 2020

Department: Anthropology

Department Head Name: Dr. Theodore Gragson

Department Head (sign & date):

 3/28/19

School/College: Franklin College of Arts and Sciences

Dean Name (print): Dean Alan Dorsey

Dean (sign & date): _____

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Office of Curriculum Systems at currsys@uga.edu or 542-6358.

PROPOSAL FOR AREA OF EMPHASIS

1. **School/College:** Odum School of Ecology
2. **Major:** Integrative Conservation (Ph.D.)
3. **Major Requirements:** Requirements for the major in Integrative Conservation (Ph.D.) with an Area of Emphasis in Ecology are identical to the requirements of the existing major in Integrative Conservation and Ecology (Ph.D.), and consist of the 18 credit hours of ICON coursework while simultaneously meeting the requirements for a Ph.D. in Ecology:

Core Integrative Conservation Degree Requirements

ICON 8001	-- 3 hours
ICON 8002	-- 3 hours
ICON 8111/8111e	-- 3 hours
ICON 8110	-- 1 hour
ICON/ECOL 8400	-- 2 hours
ICON electives	-- 6 hours total (see Appendix for course list)

The degree requirements for the areas of emphasis listed below are the same degree requirements for the standard PhD in each respective home unit. If degree requirements for the standard PhD should change, then requirements for the areas of emphasis will change in corresponding fashion.

Degree Requirements for Area of Emphasis in Ecology

ECOL 8000	-- 3 hours
ECOL 8310	-- 3 hours
ECOL 8322	-- 3 hours

Hours required for area of emphasis:

- 30

Hours that must be in courses only open to graduate students:

- 20

4. **Area of Emphasis Title:** Ecology
5. **Proposed starting date:** Spring 2020
6. **Area of Emphasis Description:**

The Area of Emphasis in Ecology will be offered under the major in Integrative Conservation (Ph.D.) by the Odum School of Ecology, University of Georgia. The goal of the program is to confront the challenges of 21st century conservation research and practice by training agile scientists, and to ensure that students gain disciplinary depth in Ecology while also learning to collaborate across disciplines and fields of practice to seek integrative solutions to complex conservation challenges. This is accomplished through the core ICON courses, electives, and mechanisms such as internships, strategic communication and collaborative research and training.

AREA OF EMPHASIS APPROVAL PAGE:

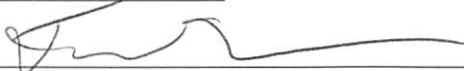
Proposal Name: Area of Emphasis in Ecology under the major in Integrative Conservation (Ph.D.)

Effective Term: Spring 2020

School/College: Odum School of Ecology

Dean Name (print): Dean John Gittleman

Dean (sign & date):



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PROPOSAL FOR AREA OF EMPHASIS

1. **School/College:** Warnell School of Forestry and Natural Resources
2. **Major:** Integrative Conservation (Ph.D.)
3. **Major Requirements:** Requirements for the major in Integrative Conservation (Ph.D.) with an Area of Emphasis in Forestry and Natural Resources are identical to the requirements of the existing major in Integrative Conservation and Forestry (Ph.D.), and consist of the 18 credit hours of ICON coursework while simultaneously meeting the requirements for a Ph.D. in Forestry and Natural Resources:

Core Integrative Conservation Degree Requirements

ICON 8001	-- 3 hours
ICON 8002	-- 3 hours
ICON 8111/8111e	-- 3 hours
ICON 8110	-- 1 hour
ICON/ECOL 8400	-- 2 hours
ICON electives	-- 6 hours total (see Appendix for course list)

The degree requirements for the areas of emphasis listed below are the same degree requirements for the standard PhD in each respective home unit. If degree requirements for the standard PhD should change, then requirements for the areas of emphasis will change in corresponding fashion.

Degree Requirements for Area of Emphasis in Forestry and Natural Resources

FANR 8060	-- 1 hour
FANR 9000	-- 6 hours
FANR 9300	-- 3 hours

Hours required for area of emphasis:

- 30

Hours that must be in courses only open to graduate students:

- 20

Additional requirements:

- 16 hours in 8000-level or 9000-level courses
- Fisheries and Wildlife students only: 1 hour of graduate seminar (e.g., WILD(FISH) 8300, ECOL 8220, CBIO 8490, etc.) is required.
- PhD students without an MS degree must take an additional 4 hours in courses open only to graduate students.

4. **Area of Emphasis Title:** Forestry and Natural Resources
5. **Proposed starting date:** Spring 2020
6. **Area of Emphasis Description:**

The Area of Emphasis in Forestry and Natural Resources will be offered under the major in Integrative Conservation (Ph.D.) offered by the Warnell School of Forestry and Natural Resources, University of Georgia. The goal of the program is to confront the challenges of 21st century conservation research and practice by training agile scientists, and to ensure that students gain disciplinary depth in Forestry and Natural Resources while also learning to collaborate across disciplines and fields of practice to seek integrative solutions to complex conservation challenges. This is accomplished through the core ICON courses, electives, and mechanisms such as internships, strategic communication and collaborative research and training.


AREA OF EMPHASIS APPROVAL PAGE:

Proposal Name: Area of Emphasis in Forestry and Natural Resources under the major in Integrative Conservation (Ph.D.)

Effective Term: Spring 2020

School/College: Warnell School of Forestry and Natural Resources

Dean Name (print): Dean Dale Greene

Dean (sign & date):  3/25/19

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PROPOSAL FOR AREA OF EMPHASIS

1. **School/College:** Franklin College of Arts and Sciences
2. **Department/Division:** Geography
3. **Major:** Integrative Conservation (Ph.D.)
4. **Major Requirements:** Requirements for the major in Integrative Conservation (Ph.D.) with an Area of Emphasis in Geography are identical to the requirements of the existing major in Integrative Conservation and Geography (Ph.D.), and consist of the 18 credit hours of ICON coursework while simultaneously meeting the requirements for a Ph.D. in Geography:

Core Integrative Conservation Degree Requirements

ICON 8001	-- 3 hours
ICON 8002	-- 3 hours
ICON 8111/8111e	-- 3 hours
ICON 8110	-- 1 hour
ICON/ECOL 8400	-- 2 hours
ICON electives	-- 6 hours total (see Appendix for course list)

The degree requirements for the areas of emphasis listed below are the same degree requirements for the standard PhD in each respective home unit. If degree requirements for the standard PhD should change, then requirements for the areas of emphasis will change in corresponding fashion.

Degree Requirements for Area of Emphasis in Geography

GEOG 8910	-- 3 hours
GEOG 8900	-- 1 hour
GEOG 8901	-- 1 hour
GEOG 9300	-- 3 hours
Electives	-- 9 hours from list provided, including up to 6 hours of GEOG 9000

Hours required for area of emphasis:

- 32
- Hours that must be in courses only open to graduate students:
- 20
- Additional requirements:
- A minimum of 8 additional graduate-level courses (24 hours), or 9 additional graduate-level courses (27 hours) if waived from GEOG 8910. A minimum of 4 graduate-level courses (12 hours) of the 8 additional courses must be taken at the 8000 level (5 8000-level courses if the student has been waived from GEOG 8910). GEOG 9000 may not be counted among the 8 additional courses. No more than 3 of the elective hours may be from Directed Problems courses, from Geography (GEOG 8290, 8390, 8590, 8690) or from any other departments.

5. **Area of Emphasis Title:** Geography
6. **Proposed starting date:** Spring 2020
7. **Area of Emphasis Description:**

The Area of Emphasis in Geography will be offered under the major in Integrative Conservation (Ph.D.) by the Department of Geography, Franklin College of Arts and Sciences, University of Georgia. The goal of the program is to confront the challenges of 21st century conservation research and practice by training agile scientists, and to ensure that students gain disciplinary depth in Geography while also learning to collaborate across disciplines and fields of practice to seek integrative solutions to complex conservation challenges. This is accomplished through the core ICON courses, electives, and mechanisms such as internships, strategic communication and collaborative research and training.

AREA OF EMPHASIS APPROVAL PAGE:

Proposal Name: Area of Emphasis in Geography under the major in Integrative Conservation (Ph.D.)

Effective Term: Spring 2020

Department: Geography

Department Head Name: Dr. Steve Holloway

Department Head (sign & date): _____

 3/25/19

School/College: Franklin College of Arts and Sciences

Dean Name (print): Dean Alan Dorsey

Dean (sign & date): _____

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Appendix: ICON Degree Checklist

Steps toward degree and timeline for adequate progressⁱ

- | | |
|---|--|
| <input type="checkbox"/> 1. Selection of Major Professor
[End of 1 st semester] | <input type="checkbox"/> 9. Final Program of Study
[4 th or 5 th semester] Must be approved by
Grad School before Oral Comp Exam can be
scheduled |
| <input type="checkbox"/> 2. Selection of ICON Representative
[End of 2 nd semester] | <input type="checkbox"/> 10. Written Comprehensive Exam [4 th
or 5 th semester] |
| <input type="checkbox"/> 3. Selection of Advisory Committee
[End of 2 nd semester] | <input type="checkbox"/> 11. Oral Comprehensive Exam
[4 th or 5 th semester] All information must be
provided to Graduate Coordinator's office three
weeks prior to desired date for oral exam. |
| <input type="checkbox"/> 4. Meeting with Advisor and ICON Rep
[Before beginning of 2 nd year] | <input type="checkbox"/> 12. Admission to Candidacy
[End of 5 th semester] |
| <input type="checkbox"/> 5. Preliminary Program of Study
[End of 2 nd semester] | <input type="checkbox"/> 13. Graduation Application
[Before beginning of 8 th semester] Please note
Graduate School Website for Deadline. |
| <input type="checkbox"/> 6. Dissertation Proposal Defense [4 th
or 5 th semester] | <input type="checkbox"/> 14. Doctoral Dissertation Approval And Final
Oral Examination
[End of 8 th semester] |
| <input type="checkbox"/> 7. Human Subjects [Yes No]
If yes, IRB approval # _____ | |
| <input type="checkbox"/> 8. Animal Use & Care [Yes No]
If yes, IACUC approval # _____ | |

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.

ICON Requirements

Five (5) ICON core courses (minimum of 12 credit hours) must appear on your Program of Study:

- ICON 8001 (3 hrs)
- ICON 8110* (1 hr) *only for students enrolling in fall 2015 or later.
- ICON 8002 (3 hrs)
- ECOL(ICON) 8400 (2 hrs)
- ICON 8111/8111E (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 two (2) additional graduate-level courses (6 hours total). See "2015-2016 Integrative Conservation Suggested Electives."

Home department requirements

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

ⁱ 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:
http://www.grad.uga.edu/forms&publications/currentstudent_forms.html

Appendix: Suggested Electives

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
WILD/FISH 8300: Structured Decision Making and Adaptive Management

Quantitative Analysis

- FANR 6750: Experimental Methods in Forestry and Natural Resources Research
- WILD 8360: Quantitative Conservation Science
- WILD/FISH 8370/8370L: Bayesian Modeling for Conservation Science

Spatial Analysis

- 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 6010: Historical Ecology
ANTH 6300: 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 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

Other

GRSC 8200: Communicating Research and Scholarship