



Proposal to the Senate Educational Policy Committee

PROPOSAL TITLE: Relocate the M.S. and the Ph.D. in Biology with a Concentration in Ecology, Ethology, and Evolution from the School of Integrative Biology to the Department of Animal Biology.

SPONSOR and COLLEGE CONTACT: Kelly Ritter, Associate Dean, College of Liberal Arts and Sciences, 2090 Lincoln Hall, MC-448. 217-333-1350, ritterk@illinois.edu

BRIEF DESCRIPTION: The M.S. and Ph.D. in Biology with a Concentration in Ecology, Ethology, and Evolution currently maps to the School of Integrative Biology (SIB), but this is simply a holdover from the old School of Life Sciences administrative structure. The graduate program (including admissions and advising) is housed in the Department of Animal Biology, so the degrees should be mapped as well to that department. The proposed change does not involve any additional course requirements or revisions to the graduate curriculum.

JUSTIFICATION: When the former School of Life Sciences was reorganized into two Schools in 1997, the Department of Ecology, Ethology and Evolution was re-named the Department of Animal Biology and placed into the School of Integrative Biology (along with the Department of Entomology and the Department of Plant Biology). In the reorganized school, undergraduates pursue a single school-level major (in Integrative Biology), while the graduate programs are the responsibility of the three constituent departments. Thus, Entomology houses the Ph.D. in Entomology, and Plant Biology houses a Ph.D. in Plant Biology. The M.S. and Ph.D. in Biology remained mapped to the School of Integrative Biology with two graduate concentrations: one in Ecology, Ethology and Evolution, and one in Physiological and Molecular Plant Biology. The latter concentration was terminated in 2013 (see EP.14.10, approved by the Senate in October 2013).

We now propose to move the M.S. and Ph.D. in Biology with its remaining concentration in Ecology, Ethology and Evolution, from the School of Integrative Biology to the Department of Animal Biology. Relocating this degree from the School to the Department will ensure that the degree is appropriately mapped to the unit and faculty responsible for this graduate program.

BUDGETARY AND STAFF IMPLICATIONS:

- 1) Resources

The relocation of the M.S. and PhD in Biology with a Concentration in Ecology, Ethology, and Evolution from SIB to the Department of Animal Biology will not require any additional resources or changes in the way resources are currently distributed.

2) Resource Implications

- a. Please address the impact on faculty resources including the changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc.

The relocation of the M.S. and PhD in Biology with a Concentration in Ecology, Ethology, and Evolution from SIB to the Department of Animal Biology will not impact faculty time, teaching loads, resources, etc. The Department already bears full responsibility for admitting, advising, teaching, and supervising students in the M.S. and PhD program.

- b. Please address the impact on course enrollment in other units and provide an explanation of discussions with representatives of those units.

This change to relocate a graduate degree from the School of SIB to a department within the School will not impact course enrollment in any unit.

- c. Please address the impact on the University Library.

A letter from the library is attached stating that there will not be an impact.

- d. Please address the impact on technology and space (e.g. computer use, laboratory use, equipment, etc.).

This change will not impact technology and space in any way.

DESIRED EFFECTIVE DATE: Upon approval.

STATEMENT FOR ACADEMIC CATALOG: *Not applicable as the Academic Catalog already lists the M.S. and PhD within Animal Biology.*

CLEARANCES:

Signatures:

Andy Sunny

June 5, 2017

Head, Department of Animal Biology:

Date:

J.W. Dull

June 22nd 2017

Acting Director, School of Integrative Biology:

Date:

Kelly Rist

8-15-17

College Representative:

Date:

[Signature]

9/26/17

Graduate College Representative:

Date:

Appendix A
Current Academic Catalog Entry (no changes required)

OVERVIEW TAB

Animal Biology

- [Overview](#)
- [Masters](#)
- [Doctoral](#)

www.life.illinois.edu/animalbiology

Head of the Department: Andrew Suarez

515 Morrill Hall

505 South Goodwin Avenue

Urbana, IL 61801

(217) 333-7801

E-mail: ab@life.illinois.edu

Major: Biology

Degrees Offered: M.S., Ph.D.

Graduate Concentration: Ecology, Ethology & Evolution (in all degrees)

Medical Scholars Program: Doctor of Philosophy (Ph.D.) in Biology-Ecology, Ethology & Evolution and Doctor of Medicine (M.D.) through the [Medical Scholars Program](#)

Graduate Degree Programs

The Department of Animal Biology administers graduate degree programs as concentrations in biology. Areas of training include physiological, population, community, and evolutionary ecology; population, molecular and quantitative genetics; evolutionary biology, behavioral ecology and evolution, physiology, evolution and development, functional anatomy, systematics, and conservation biology.

Admission

Acceptance for graduate study in animal biology is based on the applicant's research potential and academic achievement. An undergraduate degree in the life sciences is the usual preparation, but students majoring in mathematics, computer science, or the physical and social sciences are also considered. Courses required for admission are inorganic and organic chemistry, a year of physics, and mathematics through calculus. Students lacking one or more of these courses may be admitted with the provision that such deficiencies be completed in addition to the normal graduate course load. A grade point average of at least 3.0 (A = 4.0) for the last two years of undergraduate work in a four-year undergraduate degree program or the last three years of a five-year

undergraduate program and for any graduate study is mandatory, and good scores on the Graduate Record Examination (GRE) are necessary. Considerable emphasis is placed on a student's interest and ability in research as demonstrated by previous work and letters of recommendation. Applications are considered for fall admission only. The deadline for application materials is January 1. A minimum paper-based Test of English as a Foreign Language (TOEFL) score of 570 (230 on the computer-based version, 88 on the internet-based version) is preferred for international applicants.

Medical Scholars Program

The Medical Scholars Program permits highly qualified students to integrate the study of medicine with study for a graduate degree in a second discipline, including Biology-Ecology, Ethology & Evolution. Students may apply to the Medical Scholars Program prior to beginning graduate school or while in the graduate program. Applicants to the Medical Scholars Program must meet the admissions standards for and be accepted into both the doctoral graduate program and the College of Medicine. Students in the dual degree program must meet the specific requirements for both the medical and graduate degrees. On average, students take eight years to complete both degrees. Further information on this program is available by contacting the Medical Scholars Program, 125 Medical Sciences Building, (217) 333-8146 or at www.med.illinois.edu/msp.

Financial Aid

Financial aid is available in the form of fellowships and teaching and research assistantships for qualified students.

MASTERS TAB

Master of Science in Biology with Concentration in Ecology, Ethology & Evolution

Thesis Option

Code	Course List Title	Hours
BIOL 599	Thesis Research (0 min applied toward degree)	0
Total Hours		32

Other Requirements¹

Grad Other Degree Requirements Requirement	Description
A concentration is required	
Masters Thesis Deposit Required	Yes

Grad Other Degree Requirements

Requirement	Description
Minimum 500-level Hours Required Overall:	12
Minimum GPA:	3.0

¹ For additional details and requirements refer to the department and the [Graduate College Handbook](#).

Non-Thesis Option

Code	Course List		Hours
	Title		
Total Hours		32	

Other Requirements¹

Grad Other Degree Requirements

Requirement	Description
A concentration is required	
Minimum 500-level Hours Required Overall:	12
Minimum GPA:	3.0

¹ For additional details and requirements refer to the department and the [Graduate College Handbook](#).

PhD TAB

Doctor of Philosophy in Biology with Concentration in Ecology, Ethology & Evolution

Candidates for the Ph.D. degree must demonstrate excellence by examination and, in consultation with an adviser and doctoral committee, plan and carry out original thesis research with distinction. A preliminary examination evaluating the ability of students to integrate subject matter related to their fields is given during the third year. Additional requirements may be prescribed by the adviser and doctoral committee. A final examination, in which the student defends the thesis, and a presentation of the thesis at the departmental seminar complete the program.

Code	Course List		Hours
	Title		
	Courses in statistics are required		
BIOL 599	Thesis Research (0 min applied toward degree)		0 to 16
Total Hours			64

Other Requirements¹

Grad Other Degree Requirements	
Requirement	Description
A concentration is required.	
Experience in Teaching is required as part of the academic work of all PH.D. candidates in this program	
Masters Degree Required for Admission to PhD?	No, but Masters level requirements must be met (additional 32 hours)
Qualifying Exam Required:	No
Preliminary Exam Required:	Yes
Final Exam/Dissertation Defense Required:	Yes
Dissertation Deposit Required:	Yes
Minimum GPA:	3.0

¹ For additional details and requirements refer to the department and the [Graduate College Handbook](#).

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

University Library
Office of Dean of Libraries
and University Librarian
230 Main Library, MC-522
1408 West Gregory Drive
Urbana, IL 61801



December 5, 2014

Andrew Suarez
Professor and Head, Department of Animal Biology
515 Morrill Hall
MC-122

Dear Dr. Suarez:

Thank you for providing the University Library with the opportunity to provide comment on the potential impact to the Library from the proposed relocation of the Biology EEE Graduate Program from the School of Integrative Biology to the Department of Animal Biology.

Based upon the proposal submitted to the Library on December 1, 2015, we do not believe that there will be any substantive impact on the Library's operations or materials.

We appreciate your providing us with the proposal as such contact does help ensure that our services are in line with the programs that you are offering.

Sincerely,

John Wilkin
University Librarian and Dean of Libraries

c: Carla Caceres, Director, School of Integrative Biology
Lisa Smith, Department of Animal Biology
Thomas Teper
Kelli Trei

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

EP.18.15

Office of the Provost and Vice Chancellor for Academic
Affairs

Swanlund Administration Building
601 East John Street
Champaign, IL 61820



September 28, 2017

Gay Miller, Chair
Senate Committee on Educational Policy
Office of the Senate
228 English Building, MC-461

Dear Professor Miller:

Enclosed is a copy of a proposal from the College of Liberal Arts and Sciences to relocate the Master of Science and Doctor of Philosophy programs in Biology—Ecology, Ethology and Evolution concentration from the School of Integrative Biology to the Department of Animal Biology.

Sincerely,

A handwritten signature in cursive script that reads 'Kathryn A. Martensen'.

Kathryn A. Martensen
Assistant Provost

Enclosures

c: K. Ritter
A. Elli
A. Edwards
E. Stuby

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN



Graduate College

110 Coble Hall
801 South Wright Street
Champaign, IL 61820-6210

Executive Committee

2017-2018 Members

Wojtek Chodzko-Zajko
Dean & Chair
Graduate College

Members

Conrad Bakker
Art & Design

Zachary Berent
Graduate Student, Mechanical
Science & Engineering

Xialoing Chen
Accountancy

Kent Choquette
Electrical and Computer
Engineering

Eleanor Courtemanche
English

Luisa-Elena Delgado
Spanish & Portuguese

George Gasyna
Slavic Languages & Literature

Julie Hengst
Speech & Hearing Science

Tania Ionin
Linguistics

Karla Moller
Curriculum & Instruction

Lori Raetzman
Molecular & Integrative
Physiology

Katie Ranard
Graduate Student, Nutritional
Sciences

Sandra Rodriguez-Zas
Animal Sciences

Sela Sar
Advertising

Mark Steinberg
History

Terri Weissman
Art & Design

September 26, 2017

Kathy Martensen
Office of the Provost

Dear Kathy,

Included is a proposal from the College of Liberal Arts & Sciences to “**Relocate the MS and PhD in Biology with a concentration in Ecology, Ethology and Evolution from the School of Integrative Biology to the Department of Animal Biology**”.

The proposal was received on August 28, 2017 and reviewed at the Graduate College Executive Committee meeting on September 22, 2017. The committee approved the proposal without revision and we find that this proposal meets the standards of Graduate Education at Illinois. We now forward for your review.

Sincerely,

John C. Hart
Executive Associate Dean
Graduate College

c: Kelly Ritter
A. McKinney

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

College of Liberal Arts and Sciences
Office of the Dean

2090 Lincoln Hall
702 S. Wright Street, MC-448
Urbana, IL 61801



August 15, 2017

Wojtek Chodzko-Zajko
Dean, Graduate College
204 Coble Hall MC-322

Dear Dean Chodzko-Zajko:

On behalf of the Committee on Courses and Curricula, Dean's Cabinet, Executive Committee and the Faculty of the College of Liberal Arts and Sciences, I administratively approve the following proposal:

Relocate the MS and PhD in Biology with a concentration in Ecology, Ethology, and Evolution from the School of Integrative Biology to the Department of Animal Biology

Please address all correspondence concerning this proposal to me. This proposal is now ready for review by the Graduate College for proposed implementation upon approval.

Sincerely,

Kelly Ritter
Associate Dean

enclosure

C: Professor Andrew Suarez
Professor Carla Caceres

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

School of Integrative Biology
286 Morrill Hall
505 South Goodwin Avenue
Urbana, IL 61801



October 19, 2017

Kelly Ritter
Associate Dean
College of Liberal Arts and Sciences

Dear Dean Ritter,

The Director of the School of Integrative Biology and the Department Heads in the School all agree that it is in the best interest of the School to relocate the MS and PhD in Biology with a concentration in Ecology, Ethology, and Evolution from the School of Integrative Biology to the Department of Animal Biology.

Please let us know if additional information is needed.

Sincerely,

Carla E. Caceres
Director, School of Integrative Biology

Andrew V. Suarez
Head, Department of Animal Biology

May R. Berenbaum
Head, Department of Entomology

James W. Dalling
Head, Department of Plant Biology

Cc: Tara Heiser
Toni Helton