

Date Submitted: 10/10/19 10:28 am

Viewing: **10KS5274PHD : VMS -  
Comparative Biosciences, PhD**

Last approved: 10/10/19 10:20 am

Last edit: 10/14/19 9:56 am

Changes proposed by: Allison McKinney

[VMS - Comparative Biosciences, PhD](#)

Catalog Pages  
Using this  
Program

### In Workflow

1. **U Program Review**
2. **University Librarian**
3. **Grad\_College**
4. **Provost**
5. **Senate EPC**
6. Senate
7. U Senate Conf
8. Board of Trustees
9. IBHE
10. DMI

### Approval Path

1. 10/10/19 10:29 am  
Deb Forgacs (dforgacs):  
Approved for U Program Review
2. 10/10/19 11:38 am  
John Wilkin (jpwilkin):  
Approved for University Librarian
3. 10/10/19 11:57 am  
Allison McKinney (agrindly):  
Approved for Grad\_College
4. 10/10/19 1:41 pm  
Kathy Martensen (kmartens):  
Approved for Provost

### History

1. Oct 10, 2019 by  
Deb Forgacs  
(dforgacs)

## Proposal Type

Proposal Type:

Major (ex. Special Education)

This proposal is

for a:

**Revision**

Proposal Title

**This proposal is a companion proposal to the Proposal to rescind the restructuring of College of Veterinary Medicine PhD programs into a single doctoral program named "Comparative Biomedical Sciences" and to continue the existing PhD programs in Comparative Biosciences and Pathobiology.**

~~admin migration~~

Official Program Name VMS - Comparative Biosciences, PhD

Banner/Codebook Name

PHD:VMS-Comp Biosci-UIUC

Corresponding Degree PhD Doctor of Philosophy

Program Code: 10KS5274PHD

Major Code	5274	Minor Code	Conc Code	Degree Code
PHD				

EP Control Number **EP.20.27**

Senate Approval Date

Senate Conference Approval Date

BOT Approval Date

IBHE Approval Date

Effective Date:

Effective Catalog Term      Fall 2020

Sponsor College      Veterinary Medicine

Sponsor Department      Comparative Biosciences

Sponsor Name      **Dennis French; Carol Maddox; Uwe Rudolph; Peter Constable**      Sponsor Email

**ddfrench@illinois.edu;**  
**maddox@illinois.edu;**  
**urudolph@illinois.edu;**  
**constabl@illinois.edu**

College Contact      **Peter Constable**      College Contact Email

**constabl@illinois.edu**

Is this program interdisciplinary?

No

Academic Level      Graduate

Will you admit to the concentration directly?

Is a concentration required for graduation?

CIP Code      **512501 - Veterinary Sciences/Veterinary Clinical Sciences, General.**

## Program Description and Justification

Justification for proposal change:

**The College of Veterinary Medicine (CVM) has consisted of two basic science departments: Comparative Biosciences and Pathobiology, and one clinical science department, Veterinary Clinical Medicine for more than 30 years. The Senate approved on 10/10/2016 the proposal submitted by the CVM to restructure its doctoral education programs by unifying all CVM PhD programs into a single doctoral program named "Comparative Biomedical Sciences" and eliminate the existing PhD degree programs in the Department of Comparative Biosciences, the Department of Pathobiology, and the Department of Veterinary Clinical Medicine (EP 17 09 Final)**

Department of Veterinary Clinical Medicine (EF 17.09 Final).

The proposal to unify all CVM PhD programs into a single doctoral program was based on two main factors: 1) a recommendation by an internal university wide review of all PhD programs conducted in 2013; and 2) the anticipated merger of the Department of Comparative Biosciences and the Department of Pathobiology into one basic science department. The departmental merger proposal was placed on the Senate Consent Agenda for April 3, 2017 but withdrawn from voting, despite being supported by 82% of faculty in the college and the majority of faculty in all three departments when the document was submitted. This development led the college to re-examine the proposed department merger and delayed implementation of the College wide PhD program. A delay in passing the state budget during the same time period created challenges as to how best to staff a College wide PhD program and delayed development of appropriate recruiting materials for a College wide PhD program, including web site development. Permission was

therefore obtained in November 2017 from the Senate Educational Policy Committee Chair to delay the phase-down of the PhD programs in the Department of Comparative Biosciences and the Department of Pathobiology until Fall, 2020.

The college now requests to eliminate the proposed restructuring of College of Veterinary Medicine PhD programs into a single doctoral program named "Comparative Biomedical Sciences" and requests that we continue the existing PhD programs in the Department of Comparative Biosciences and the Department of Pathobiology. Faculty in the Department of Pathobiology voted unanimously last month (vote announced at Department faculty meeting on September 25, 2019) in support of this request. Similarly, faculty in the Department of Comparative Biosciences voted unanimously on September 23, 2019 in support of this request. Discussion at the last College Executive Committee meeting on September 26, 2019 was also supportive of this request. The Dean of the College of Veterinary Medicine chairs the College Executive Committee meetings and is communicating the request on their behalf.

#### **JUSTIFICATION:**

The college is increasing the number of PhD students enrolled and anticipates PhD enrollment to continue to increase. From AY14 through AY19, the Department of Comparative Biosciences increased the number of PhD students from 8 to 17 (dmi item, #4107). During the same time period, the Department of Pathobiology increased the number of PhD students from 14 to 22, whereas the Department of Veterinary Clinical Medicine decreased the number of PhD students from 1 to 0 due to the closure of its departmental PhD program. College faculty also act as the major adviser for a number of

**additional PhD students enrolled in interdisciplinary programs.**

**Dr. Rudolph commenced his position as Head of the Department of Comparative Biosciences in August 2018 and an offer for the permanent head of the Department of Pathobiology is anticipated to be extended this week. Faculty in the Departments of Comparative Biosciences and Pathobiology are no longer supportive of a college wide PhD program. This is because of growth in the PhD programs in both departments, and an inability to reach consensus due to discipline differences as to what constitutes required courses for the PhD degree. The lack of support for a unified PhD program in these 2 departments has been consistently communicated in departmental faculty meetings and college executive committee meetings.**

**Faculty in the Department of Veterinary Clinical Medicine are able to advise PhD students within the college by obtaining a 0% appointment in the Department of Comparative Biosciences (5 faculty) or the Department of Pathobiology (6 faculty). Veterinary Clinical Medicine faculty understand the need for a critical mass of PhD students to ensure a vibrant PhD program for graduate students.**

**An additional justification is that an internal university wide review of all PhD programs has been replaced with Academic Program Reviews of departments. The Department of Veterinary Clinical Medicine was reviewed in April 2015, the Department of Pathobiology was reviewed in April 2018, and the Department of Comparative Biosciences will be reviewed in November 2019.**

Is This a Teacher Certification Program?

No

Will specialized accreditation be sought for this program?

No

## Admission Requirements

Desired Admissions Term      Fall **2020** ~~2018~~

Provide a brief narrative description of the admission requirements for this program. Where relevant, include information about licensure requirements, student background checks, GRE and TOEFL scores, and admission requirements for transfer students.

**See attached**

Describe how critical academic functions such as admissions and student advising are managed.

**See attached**

## Enrollment

Describe how this revision will impact enrollment and degrees awarded.

**See attached**

Estimated Annual Number of Degrees Awarded

Year One Estimate

5th Year Estimate (or when fully implemented)

What is the matriculation term for this program?

Fall

Delivery Method

This program is available:

Face-to-Face

Other than certification via the students' degree audits, is there any additional planned mechanism to award/honor successful completion of the minor?

No

## Budget

Are there budgetary implications for this revision?

**No**

Will the program or revision require staffing (faculty, advisors, etc.) beyond what is currently available?

No

Additional Budget Information

**a) Additional staff and dollars needed:**

**Since this is a continuation of existing programs, there will be no effect on staffing or resource allocation.**

**b) Internal reallocations (e.g., change in class size, teaching loads, student-faculty ratio, etc.):**

**Since this is a continuation of existing programs, there will be no effect on class size, teaching loads, student-faculty ratio, etc.**

**c) Effect on course enrollment in other units and explanations of discussions with representatives of those departments:**

**Since this is a continuation of existing programs, the effect on course enrollment in other units is anticipated to be similar to that occurring currently.**

**d) Impact on the University Library (A letter of acknowledgement from the University Librarian must be included for all new program proposals.):**

**Since this is a continuation of existing programs, there will not be any significant change in impact on the University Library.**

**e) Impact on computer use, laboratory use, equipment, etc.:**

**Since computer, laboratory, and equipment use will be supplied by the supporting faculty and their departments, there is unlikely to be an impact on these resources imposed by a continuation of existing programs.**

Attach File(s)

## Resource Implications

### Facilities

Will the program require new or additional facilities or significant improvements to already existing facilities?

No

### Technology

Will the program need additional technology beyond what is currently available for the unit?

No

### Non-Technical Resources

Will the program require additional supplies, services or equipment (non-technical)?

No

## Resources

### Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc. Describe how the unit will support student advising, including job placement and/or admission to advanced studies.

**See attached**

### Library Resources

Describe your proposal's impact on the University Library's resources, collections, and services. If necessary please consult with the appropriate disciplinary specialist within the University Library.

**See attached**

### Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?

No

Does this new program/proposed change result in the replacement of another program?

No

Does the program include other courses/subjects impacted by the creation/revision of this program?

No

### Financial Resources

How does the unit intend to financially support this proposal?

**See attached**

Will the unit need to seek campus or other external resources?

No

Attach letters of support

Will an existing tuition rate be used or continue to be used for this program?

Yes

### Program Regulation

Describe how the program is aligned with or meets licensure, certification, and/or entitlement requirements, if applicable.



Briefly describe the plan to assess and improve student learning, including the program's learning objectives; when, how, and where these learning objectives will be assessed; what metrics will be used to signify student's achievement of the stated learning objectives; and the process to ensure assessment results are used to improve student learning.

Is the career/profession for graduates of this program regulated by the State of Illinois?

No

## Program of Study

"Baccalaureate degree requires at least 120 semester credit hours or 180 quarter credit hours and at least 40 semester credit hours (60 quarter credit hours) in upper division courses" (source: <https://www.ibhe.org/assets/files/PrivateAdminRules2017.pdf>). For proposals for new bachelor's degrees, if this minimum is not explicitly met by specifically-required 300- and/or 400-level courses, please provide information on how the upper-division hours requirement will be satisfied.

All proposals must attach the new or revised version of the Academic Catalog program of study entry. Contact your college office if you have questions.

Revised programs [VetMed Proposal.pdf](#)

Attach a side-by-side comparison with the existing program AND, if the revision references or adds "chose-from" lists of courses students can select from to fulfill requirements, a listing of these courses, including the course rubric, number, title, and number of credit hours.

### Catalog Page Text

Catalog Page Text: Description of program for the catalog page. This is not official content, it is used to help build the catalog pages for the program. Can be edited in the catalog by the college or department.

### Statement for Programs of Study Catalog

#### Course List

Code	Title	Hours
<a href="#">CB 590</a>	Seminar (Thesis Defense seminar 1 hour and Prospectus Exam 1 hour)	2
<a href="#">CB 591</a>	Biosciences Seminar Series (May be repeated for up to 4 hours of credit)	2
<a href="#">CB 592</a>	Special Problems (min/max applied toward degree. Limit of 12 credit hours total. This limit includes credits accrued during the MS degree.)	12
<a href="#">CB 599</a>	Thesis Research (min/max applied toward degree)	0
Students must select ONE of the following courses with the advice of his/her dissertation committee:		3-4
<a href="#">MCB 354</a>	Biochem & Phys Basis of Life	
<a href="#">MCB 401</a>	Cell & Membrane Physiology	

Code	Title	Hours
<a href="#">MCB 402</a>	Sys & Integrative Physiology	
<a href="#">MCB 410</a>	Developmental Biology, Stem Cells and Regenerative Medicine	
<a href="#">MCB 450</a>	Introductory Biochemistry	
<a href="#">MCB 480</a>	Eukaryotic Cell Signaling	
<a href="#">MCB 501</a>	Advanced Biochemistry	
Select one of the following: 1		4
<a href="#">PATH 524</a>	Biostatistics	
<a href="#">VCM 572</a>	Clinical Epidemiology	
<a href="#">CPSC 440</a>	Applied Statistical Methods I	
Total Hours		64
1 Or approved equivalent course.		

## Other Requirements<sup>1</sup>

### Grad Other Degree Requirements

Requirement	Description
Other requirements may overlap	
Students may be required to take additional courses as recommended by Advisory Committee or Department Divisions.	
64 hours (including thesis research) earned in courses meeting on the Urbana-Champaign campus, on the Chicago campus, or in other locations approved by the Graduate College for graduate credit.	
Teaching experience is required	
Masters Degree Required for Admission to PhD?	No, but Masters-level requirements must be met (32 hours min.)
Qualifying Exam Required	Yes
Final Exam/Dissertation Defense Required	Yes
Dissertation Deposit Required	Yes
Minimum GPA:	3.0
1For additional details and requirements refer to the <a href="#">department's degree programs information</a> and the <a href="#">Graduate College Handbook</a> .	

## EP Documentation

Attach  
Rollback/Approval  
Notices

## DMI Documentation

Attach Final  
Approval Notices  
Attached  
Document

Justification for  
this request

Program Reviewer  
Comments

## Proposal to the Senate Educational Policy Committee

### PROPOSAL TITLE:

Proposal to eliminate the proposed restructuring of College of Veterinary Medicine PhD programs into a single doctoral program named “Comparative Biomedical Sciences” and to continue the existing PhD programs in the Department of Comparative Biosciences and the Department of Pathobiology.

### SPONSORS:

Dennis French, Head of the Department of Veterinary Clinical Medicine, 333-5310, [ddfrench@illinois.edu](mailto:ddfrench@illinois.edu); Carol Maddox, Interim Head of the Department of Pathobiology, 333-9039; [maddox@illinois.edu](mailto:maddox@illinois.edu); Uwe Rudolph, Head of the Department of Comparative Biosciences, 333-2506, [urudolph@illinois.edu](mailto:urudolph@illinois.edu); Peter Constable, Dean of the College of Veterinary Medicine and Chair of the College Executive Committee, 300-1744, [constabl@illinois.edu](mailto:constabl@illinois.edu).

### COLLEGE CONTACTS:

Peter Constable, Dean, College of Veterinary Medicine 300-1744, [constabl@illinois.edu](mailto:constabl@illinois.edu).

### BRIEF DESCRIPTION:

The College of Veterinary Medicine (CVM) has consisted of two basic science departments: Comparative Biosciences and Pathobiology, and one clinical science department, Veterinary Clinical Medicine for more than 30 years. The Senate approved on 10/10/2016 the proposal submitted by the CVM to restructure its doctoral education programs by unifying all CVM PhD programs into a single doctoral program named “Comparative Biomedical Sciences” and eliminate the existing PhD degree programs in the Department of Comparative Biosciences, the Department of Pathobiology, and the Department of Veterinary Clinical Medicine (EP.17.09 Final).

The proposal to unify all CVM PhD programs into a single doctoral program was based on two main factors: 1) a recommendation by an internal university wide review of all PhD programs conducted in 2013; and 2) the anticipated merger of the Department of Comparative Biosciences and the Department of Pathobiology into one basic science department. The departmental merger proposal was placed on the Senate Consent Agenda for April 3, 2017 but withdrawn from voting, despite being supported by 82% of faculty in the college and the majority of faculty in all three departments when the document was submitted. This development led the college to re-examine the proposed department merger and delayed implementation of the College wide PhD program. A delay in passing the state budget during the same time period created challenges as to how best to staff a College wide PhD program and delayed development of appropriate recruiting materials for a College wide PhD program, including web site development. Permission was

therefore obtained in November 2017 from the Senate Educational Policy Committee Chair to delay the phase-down of the PhD programs in the Department of Comparative Biosciences and the Department of Pathobiology until Fall, 2020.

The college now requests to eliminate the proposed restructuring of College of Veterinary Medicine PhD programs into a single doctoral program named "Comparative Biomedical Sciences" and requests that we continue the existing PhD programs in the Department of Comparative Biosciences and the Department of Pathobiology. Faculty in the Department of Pathobiology voted unanimously last month (vote announced at Department faculty meeting on September 25, 2019) in support of this request. Similarly, faculty in the Department of Comparative Biosciences voted unanimously on September 23, 2019 in support of this request. Discussion at the last College Executive Committee meeting on September 26, 2019 was also supportive of this request. The Dean of the College of Veterinary Medicine chairs the College Executive Committee meetings and is communicating the request on their behalf.

#### **JUSTIFICATION:**

The college is increasing the number of PhD students enrolled and anticipates PhD enrollment to continue to increase. From AY14 through AY19, the Department of Comparative Biosciences increased the number of PhD students from 8 to 17 (dmi item, #4107). During the same time period, the Department of Pathobiology increased the number of PhD students from 14 to 22, whereas the Department of Veterinary Clinical Medicine decreased the number of PhD students from 1 to 0 due to the closure of its departmental PhD program. College faculty also act as the major adviser for a number of additional PhD students enrolled in interdisciplinary programs.

Dr. Rudolph commenced his position as Head of the Department of Comparative Biosciences in August 2018 and an offer for the permanent head of the Department of Pathobiology is anticipated to be extended this week. Faculty in the Departments of Comparative Biosciences and Pathobiology are no longer supportive of a college wide PhD program. This is because of growth in the PhD programs in both departments, and an inability to reach consensus due to discipline differences as to what constitutes required courses for the PhD degree. The lack of support for a unified PhD program in these 2 departments has been consistently communicated in departmental faculty meetings and college executive committee meetings.

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An additional justification is that an internal university wide review of all PhD programs has been replaced with Academic Program Reviews of departments. The Department of Veterinary Clinical Medicine was reviewed in April 2015, the Department of Pathobiology was reviewed in April 2018, and the Department of Comparative Biosciences will be reviewed in November 2019.

**BUDGETARY AND STAFF IMPLICATIONS:**

## a) Additional staff and dollars needed:

Since this is a continuation of existing programs, there will be no effect on staffing or resource allocation.

## b) Internal reallocations (e.g., change in class size, teaching loads, student-faculty ratio, etc.):

Since this is a continuation of existing programs, there will be no effect on class size, teaching loads, student-faculty ratio, etc.

## c) Effect on course enrollment in other units and explanations of discussions with representatives of those departments:

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d) Impact on the University Library (*A letter of acknowledgement from the University Librarian must be included for all new program proposals.*):

Since this is a continuation of existing programs, there will not be any significant change in impact on the University Library.


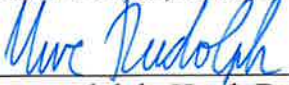

## e) Impact on computer use, laboratory use, equipment, etc.:

Since computer, laboratory, and equipment use will be supplied by the supporting faculty and their departments, there is unlikely to be an impact on these resources imposed by a continuation of existing programs.

**DESIRED EFFECTIVE DATE:** August 2020.

**CLEARANCES:**

## Signatures

	10/3/19
Dennis French, Head, Department of Veterinary Clinical Medicine	Date
	10/3/2019
Uwe Rudolph, Head, Department of Comparative Biosciences	Date
	10/3/2019
Carol Maddox, Interim Head, Department of Pathobiology	Date



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Peter Constable, Dean, College of Veterinary Medicine

10/3/2019

Date

---

Graduate College Representative:

Date

**From:** [Park, Rachel L](#)  
**To:** [Constable, Peter D](#)  
**Subject:** Dept. of Pathobiology Vote to Eliminate the combined CVM Ph.D Program  
**Date:** Thursday, October 3, 2019 4:56:00 PM  
**Attachments:** [image001.png](#)

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The Department of Pathobiology performed an electronic vote to eliminate the combined CVM Ph.D. Program.

The results were:

14 – Yes votes and 0 – No votes to eliminate the combined CVM Ph.D. Program.

The vote was conducted for one week, and results announced on the September 25, 2019, department’s faculty meeting.

Carol W. Maddox  
Professor of Pathobiology  
Interim Head of Pathobiology  
VDL Microbiology Section Head  
1219 VMBSB MC-02  
2001 S. Lincolne Ave.  
Urbana, IL 61802  
Phone: 217-265-0399  
Fax: 217-244-2439  
[maddox@illinois.edu](mailto:maddox@illinois.edu)

\*\*\*\*\*  
Peter D. Constable BVSc(Hons), MS, PhD, DACVIM, DACVN(Honorary)  
Dean, College of Veterinary Medicine, University of Illinois  
3505 Veterinary Medicine Basic Sciences Building  
2001 S. Lincoln Ave, Urbana, IL 61802  
Email: [constabl@illinois.edu](mailto:constabl@illinois.edu) url: <http://vetmed.illinois.edu>  
Tel (217) 333-2760 Fax (217) 333-4628  
\*\*\*\*\*

**College of Veterinary Medicine Vision:** *We will be a pre-eminent public college of veterinary medicine, provide a transformative educational experience for our students, create and communicate knowledge that changes the world, deliver outstanding clinical service to our patients and clients, and pursue excellence in all our endeavors.*





**From:** [Park, Rachel L](#)  
**To:** [Constable, Peter D](#)  
**Subject:** Dept. of Comparative Biosciences Vote to Eliminate the combined CVM Ph.D. Program  
**Date:** Thursday, October 3, 2019 5:07:37 PM  
**Attachments:** [image001.png](#)

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The Department of Comparative Biosciences met on September 23, 2019, and voted unanimously in favor of eliminating the combined CVM Ph.D. Program.

Uwe Rudolph, Dr. med.  
Professor and Head  
Department of Comparative Biosciences  
College of Veterinary Medicine  
3520 Veterinary Medicine Basic Sciences Building  
University of Illinois at Urbana-Champaign  
2001 S Lincoln Ave  
Urbana, IL 61802-6178  
e-mail: [urudolph@illinois.edu](mailto:urudolph@illinois.edu)  
Phone: (217) 300-6391

\*\*\*\*\*  
Peter D. Constable BVSc(Hons), MS, PhD, DACVIM, DACVN(Honorary)  
Dean, College of Veterinary Medicine, University of Illinois  
3505 Veterinary Medicine Basic Sciences Building  
2001 S. Lincoln Ave, Urbana, IL 61802  
Email: [constabl@illinois.edu](mailto:constabl@illinois.edu) url: <http://vetmed.illinois.edu>  
Tel (217) 333-2760 Fax (217) 333-4628  
\*\*\*\*\*

**College of Veterinary Medicine Vision:** *We will be a pre-eminent public college of veterinary medicine, provide a transformative educational experience for our students, create and communicate knowledge that changes the world, deliver outstanding clinical service to our patients and clients, and pursue excellence in all our endeavors.*

