I. Approval of the March 24, 2016 Minutes

II. Program and Curricular Changes (PCC) Report  
   (Dr. Justin Blumenstiel, reporting)  
   A. Curricular Changes for Approval  
      NEW COURSES: BIOL 741  
      COURSE CHANGES: THR 828  
      COURSE DEACTIVATIONS: GEOG 741, 751, 756, 773, 775, 802, 835, 937, 939, 957, 975, THR 709, 829  
   B. Program Changes for Approval  
      a. Change to Existing Degree - BIOL-PhD: Molecular, Cellular, and Developmental Biology Ph.D.

III. Policies and Student Petitions, (PSP) Report  
     (Dr. Tony Walton, reporting)  
     A. First Reading – Recommendations on Provisional Admission and Academic Probation Policy

IV. Old Business  
   A. New Grading Basis for Dissertation and Thesis Hours

V. New Business
I. Approval of the March 24, 2016, Minutes

The University of Kansas
College of Liberal Arts & Sciences
COMMITTEE ON GRADUATE STUDIES

MINUTES
March 24, 2016, 11:00AM
STRONG HALL – ROOM 210

Members Present: Philip Baringer, Jane Barnette, Peter Ojiambo, Ric Steele (Chair), Armin Schulz, Anthony Walton, Alesia Woszidlo, Christina Amaro (Graduate Student), Peter Lewis (Graduate Student), and Carmen Torre Perez (Graduate Student)

Others in attendance: Kristine Latta (COGA), Emily Dodson (COGA), Jim Mielke (ex-officio), and Becky Harris (SPLH guest)

The meeting was called to order by Dr. Steele at 11:05 a.m.

Minutes
A motion was made and seconded to approve the February 18, 2016, minutes of the Committee on Graduate Studies, as written. The motion was approved unanimously.

Update from Michael Roberts, Dean of Graduate Studies

Dean Roberts provided the committee with updates on Graduate Studies’ recent initiatives, including those related to doctoral hooding, recruitment of URM, Graduate Student Appreciation Week, and fundraising efforts.

Proposals, Awards and Scholarships Report
(Dr. Peter Ojiambo, reporting)

Dr. Ojiambo provided the committee with updates on awardee selections for the Allen S. Wilber Scholarship, Kate Stephens Fellowship, Howard J. Baumgartel Award, and Outstanding Thesis Award. Ideas about possible changes to future administration of these awards were also discussed.

There being no further business, the meeting was adjourned by Dr. Steele at 12:00 p.m.

Upcoming Meetings
The next meeting of the Committee on Graduate Studies is Thursday, April 7, 2016, 11:00 a.m., 210 Strong Hall.

Respectfully submitted by Emily Dodson, COGA.
II. Program and Curricular Changes (PCC) Report
(Dr. Justin Blumenstiel, reporting)

A. Curricular Changes for Approval

NEW COURSES: BIOL 741

COURSE CHANGES: THR 828

COURSE DEACTIVATIONS: GEOG 741, 751, 756, 773, 775, 802, 835, 937, 939, 957, 975, THR 709, 829

CHANGE: NEW COURSE

BIOL 741  Biology of Freshwater Invertebrates (3)
A lecture and laboratory course examining the classification, biological characteristics, and ecology of invertebrates in rivers, lakes, and wetlands. Major groups of benthic and planktonic invertebrates will be studied, including aquatic insects, crustaceans, molluscs, and others. Graduate students will be expected to submit either an original collection of freshwater invertebrates or write a research essay on a topic mutually agreed upon with the professor.
Prequisites: Graduate standing; Recommended: undergraduate invertebrate biology class. LEC
Grading Basis: A-D(+-)FI
This course will be effective Fall 2016 and is typically offered every three years.
This course is an elective
This course may not be repeated for credit

JUSTIFICATION:
The proposed course is a revised, graduate level version of the undergraduate course BIOL 541 (currently BIOL 669). Having separate undergraduate and graduate courses will permit establishment of requirements and expectations appropriate to both levels. Cross-listing will take effect pending revisions to the undergraduate course and number.

CHANGE: TITLE CHANGE
(OLD)
THR 828 Seminar in American Theatre and Drama to 1895 (3)
Intensive investigation of selected topics. Individual study emphasized.

(NEW)
THR 828 Seminar in American Theatre and Drama (3)
Intensive investigation of selected topics. Individual study emphasized.

This course will be effective Fall 2016

This course is an elective.

Justification:
We are also proposing to retire THR 829 Seminar in American Theatre and Drama from 1895, last taught Spring 2011. This course, THR 829 Seminar in American Theatre and Drama to 1895, was last taught in Fall 2009. New faculty do not want the 2 course approach limited by dates. By dropping the "to 1895" from the THR 828 course title and retiring THR 829 we will preserve the topic area.

CHANGE: DEACTIVATION

GEOG 741: Advanced Geomorphology (1-3)
Detailed discussions of processes and landforms characteristic of specific environments. Considered during separate semesters will be general methodology, and fluvial, arid regions, glacial, and shoreline geomorphology. Course may be taken more than once. (Same as GEOL 741.) Prerequisite: GEOG 541. LEC.

JUSTIFICATION:
Course has not been offered since Fall 1992.

CHANGE: DEACTIVATION

GEOG 751: Analysis of Regional Development (3)
An analytical approach to spatial organization of economic activities and aspects of growth and development. Location theory and the geography of trade and migration. A research paper is required. Prerequisite: GEOG 551, or a course in economics, or consent of instructor. LEC.

JUSTIFICATION:
Course has not been offered since Spring 1995.

CHANGE: DEACTIVATION

GEOG 756: Energy Problems and the Economic-Physical Environment (2-3)
This course investigates the economic, social, political, and environmental conditions of energy production, transport, and use: total energy consumption and mix, relations to the level and structure of the economy, substitutability of fuel and energy sources, resource endowment in an international setting. Prerequisite: GEOG 551 or a course in economics or consent of instructor. LEC.
JUSTIFICATION:
Course has not been offered since Fall 1997 and has a prerequisite of GEOG 551, which no longer exists.

CHANGE: DEACTIVATION

GEOG 773: Humanistic Geography (3)
A discussion and project-oriented course focused on ways of studying the character and meaning of places. Concepts examined include place image and image makers, landscapes as text, sense of place, vernacular regions, and alternate representations of space. Prerequisite: Graduate standing or fifteen hours of geography or consent of instructor. LEC.

JUSTIFICATION:
Course has not been offered since Fall 1996.

CHANGE: DEACTIVATION

GEOG 775: Proseminar in Population Geography (3)
Evaluation of problem formulation data gathering, research methods, and substantive knowledge in the geography of human populations. Concurrent auditing of GEOG 575 plus an additional meeting each week is required. Prerequisite: GEOG 575 and GEOG 516, and SOC 514. LEC.

JUSTIFICATION:
Course has not been offered since Spring 2001 and has a prerequisite of GEOG 575, which no longer exists.

CHANGE: DEACTIVATION

GEOG 802: Urban Geographic Information Systems (3)
An advanced survey of urban GIS/LIS focusing on: (1) history; (2) the wide range of applications from Automated Mapping/Facilities Management (AM/FM) to topologically related GIS; (3) generic analytical functions in both raster and vector modalities; and (4) software employed, hardware platforms, and institutional settings. A limited experience in the use of GIS is provided from exercises employing ARC/Info software. Prerequisite: Some experience with DOS based computing. LEC.

JUSTIFICATION:
Course has not been offered since Fall 1998.

CHANGE: DEACTIVATION

GEOG 835: Practicum in Soil Mapping and Soil Erosion (3)
This course is designed to give graduate students field experience in soil mapping and in the evaluation of soils for loss through processes of erosion. Prerequisite: GEOG 535 or equivalent or consent of instructor. FLD.

JUSTIFICATION:
Course has not been offered since Spring 2005.

CHANGE: DEACTIVATION

GEOG 937: Seminar in Vegetation Geography (1-3)
(Same as BIOL 968.) LEC.

JUSTIFICATION:
Course has not been offered since Fall 2000.

CHANGE: DEACTIVATION

GEOG 939: Seminar in Fluvial Systems (2-3)
Study of selected topics in theory and method of fluvial systems. Samples include hydraulic geometry, the nature of alluvial sediments, and basin case studies. Topic will be specified in advance. LEC.

JUSTIFICATION:
Course has not been offered since Fall 1987.

CHANGE: DEACTIVATION

GEOG 957: Seminar in Urban and Economic Geography (2-3)
LEC.

JUSTIFICATION:
Course has not been offered since Fall 1987.

CHANGE: DEACTIVATION

GEOG 975 Seminar in Population Geography (2-3)
Study of selected geographic topics and problems dealing with the distribution of human populations. Prerequisite: GEOG 775 or consent of instructor. LEC.

JUSTIFICATION:
Course has not been offered since Fall Fall 2001.

CHANGE: DEACTIVATION

THR 709: Advanced Dramatic Script Writing (3)
The purpose of this course is to permit selected students, by consent of instructor, to develop or continue dramatic writing projects in theatre, film, television, and radio under the individual supervision of the instructor. LEC.

JUSTIFICATION:
Course has not been offered since 2011 or before. We no longer expect to offer this course.

CHANGE: DEACTIVATION

THR 829: Seminar in American Theatre and Drama from 1895 (3)
Intensive investigation of selected topics. Individual study emphasized. LEC.

JUSTIFICATION:
This course was last offered in Fall 2009. We no longer expect to offer this course.

B. Program Changes for Approval

a. Change to Existing Degree - BIOL-PhD: Molecular, Cellular, and Developmental Biology Ph.D.

OLD (Current)

**Molecular, Cellular, and Developmental Biology**

**General Requirements for All Ph.D. Students**
All general requirements must be fulfilled. Refer to each discipline for specific course requirements. General requirements include

1. At least 3 individual laboratory rotations during the first two semesters of graduate study;
2. Enrollment every semester in BIOL 701 Topics in: Molecular Biosciences Seminar;
3. Completion of the following courses: BIOL 804 Scientific Integrity: Molecular Biosciences, BIOL 807 Graduate Molecular Biosciences, and BIOL 818 Techniques in Molecular Biosciences;
4. A Research Skills and Responsible Scholarship requirement (satisfied by completion of BIOL 818) and a Responsible Scholarship requirement (satisfied by BIOL 804);
5. A minimum of 2 semesters of graduate teaching;
6. A graduate committee established before the beginning of the fall semester of the second year;
7. A minimum of 1 annual graduate committee meeting;
8. A written preliminary examination in the form of a research proposal completed by the end of the spring semester of the second year of graduate study (BIOL 925);
9. A comprehensive oral examination held no later than October 1 of the fall semester of the third year of graduate study (successful completion of the comprehensive oral examination admits the student to candidacy for the Ph.D. degree);

10. A dissertation based on original research presented to the dissertation examination committee for evaluation and presented and defended in a formal public lecture; and

11. Completion of the degree in 7 years.

Note: Contact your department or program for more information about research skills and responsible scholarship, and the current requirements for doctoral students. Current policies on Doctoral Research Skills and Responsible Scholarship are listed in the KU Policy Library.

First-year Curriculum for All Students

First-year courses include:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 701</td>
<td>Topics in: Molecular Biosciences Seminar. Enrollment required every semester</td>
<td>1-3</td>
</tr>
<tr>
<td>BIOL 804</td>
<td>Scientific Integrity: Molecular Biosciences</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 807</td>
<td>Graduate Molecular Biosciences</td>
<td>6</td>
</tr>
<tr>
<td>BIOL 818</td>
<td>Techniques in Molecular Biosciences</td>
<td>2</td>
</tr>
<tr>
<td>BIOL 985</td>
<td>Advanced Study (fall and spring semester)</td>
<td>1-10</td>
</tr>
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Specific Ph.D. Requirements: Molecular, Cellular, and Developmental Biology

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<tr>
<th>Course</th>
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<td>BIOL 752</td>
<td>Cell Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 755</td>
<td>Mechanisms of Development</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 753</td>
<td>Advanced Genetics</td>
<td>3</td>
</tr>
<tr>
<td>or BIOL 772</td>
<td>Gene Expression</td>
<td></td>
</tr>
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The graduate committee may recommend that additional courses be taken.

NEW (Proposed)

Molecular, Cellular, and Developmental Biology

General Requirements for All Ph.D. Students

All general requirements must be fulfilled. Refer to each discipline for specific course requirements. General requirements include

1. At least 3 individual laboratory rotations during the first two semesters of graduate study;

2. Enrollment every semester in BIOL 701 Topics in: Molecular Biosciences Seminar;
3. Completion of the following courses: **BIOL 804** Scientific Integrity: Molecular Biosciences, **BIOL 807** Graduate Molecular Biosciences, and **BIOL 818** Techniques in Molecular Biosciences;
4. A Research Skills and Responsible Scholarship requirement (satisfied by completion of **BIOL 818**) and a Responsible Scholarship requirement (satisfied by **BIOL 804**);
5. A minimum of 2 semesters of graduate teaching;
6. A graduate committee established before the beginning of the fall semester of the second year;
7. A minimum of 1 annual graduate committee meeting;
8. A written preliminary examination in the form of a research proposal completed by the end of the spring semester of the second year of graduate study (**BIOL 925**);
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10. A dissertation based on original research presented to the dissertation examination committee for evaluation and presented and defended in a formal public lecture; and
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**Note:** Contact your department or program for more information about research skills and responsible scholarship, and the current requirements for doctoral students. Current policies on Doctoral Research Skills and Responsible Scholarship are listed in the KU Policy Library.

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**Specific Ph.D. Requirements: Molecular, Cellular, and Developmental Biology**

In addition to those courses listed above, all MCDB PhD students are required to take a minimum of 3 graduate-level (numbered 600 and above) courses that are collectively worth a minimum of 9 credits. All such classes must be completed by the end of the second year of graduate study. A number of acceptable classes are offered each year. Please see the graduate handbook for an up-to-date list of possible courses.

**III. Policies and Student Petitions, (PSP) Report**

(Dr. Tony Walton, reporting)
A. First Reading – Recommendations on Provisional Admission and Academic Probation Policy

IV. Old Business
(Dr. Kristine Latta, reporting)

A. New Grading Basis for Dissertation and Thesis Hours

V. New Business

Upcoming Meetings

The next meetings of the CGS Subcommittees are Thursday, April 14, 2016
• (PCC) Program Curricular Changes, **11:00 AM, 210 Strong**
• (PSP) Policies and Student Petitions, **11:00 AM, 313 Strong**

The next meeting of the Committee on Graduate Studies is **Thursday, April 21, 2016.**