I. Approval of the February 5, 2015, Minutes
   (February 19, 2015, and March 5, 2015, meetings were cancelled)

II. Program and Curricular Changes (PCC) Report
    (Dr. Justin Blumenstiel, reporting)

   A. Curricular Changes for Approval
      NEW COURSES: EALC 316/716, EALC 328/728, HWC 770, HWC 775,
                     MUSE 802, MUSE 803, WGSS 770, WGSS 775
      CHANGES:      BINF 701, BINF 702, EVRN 700,
      INFORMATIONAL: SPLH 620, SPLH 672 (see CUSA addendum reference)

   B. Degree Requirements for Approval
      a. Changes to Existing RSRS – Biology-EEB, PhD
      b. Changes to Graduate Certificate – Environmental Studies
      c. Changes to Existing Degree – Linguistics MA/PhD
      d. Changes to Existing Degree – Museum Studies, MA
      e. Changes to Existing Degree – Speech, Language Pathology, MA

III. Old Business
    A. Approval of PSM 4+1
    B. Approval of PhD in Atmospheric Sciences

IV. New Business
I. Approval of the February 5, 2015, Minutes

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

MINUTES
February 5, 2015, 11:00AM
STRONG HALL – ROOM 210

Members Present: Chris Elles, Peter Grund, Germaine Halegoua, ChangHwan Kim, Peter Ojiambo, Armin Schulz, Milena Stanislavova, Ric Steele, Alesia Woszidlo, Patrick Terry (Graduate Student), Carmen Torre Perez (Graduate Student)

Others in attendance: Kristine Latta (COGA), Emily Dodson (COGA), Jim Mielke (ex-officio)

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

Introductions and Welcome
Two faculty members new to CGS were introduced, Chris Elles from Chemistry and Germaine Halegoua from Film and Media Studies. Each are filling vacant seats for the Spring 2015 semester only.
One student new to CGS was introduced, Carmen Torre Perez from Spanish and Portuguese. She will be serving through Fall 2016. A second student new to CGS, Christine Amaro, was not present, but her service through Fall 2016 was announced. She will only be attending subcommittee meetings this semester.

Minutes
A motion was made and seconded to approve the December 11, 2015 (January 22, 2015, meeting of CGS was cancelled) minutes of the Committee of Graduate Studies as written. The motion was approved unanimously.

Report of the Proposals, Awards, and Scholarships (PAS) Subcommittee
(Dr. Ric Steele, reporting)

A motion was made and seconded to approve the Chemical Biology Graduate Certificate proposal. The motion was unanimously approved.

Dr. Steele introduced Audrey Lamb from Molecular Biosciences and Thomas Prisinzano from the School of Pharmacy to respond to questions from the CGS.

A motion was made and seconded to approve the Graduate Certificate in Professional Workplace Communication proposal. The motion was unanimously approved.

Dr. Steele introduced Angela Gist, who responded on behalf of Communication Studies to questions from the CGS.

Dr. Steele announced the 2015-2016 Wilber Scholarship recipient. Two alternates have also been selected in case the winner declines the award

Report of the Program and Curricular Changes (PCC) Subcommittee
(Dr. ChangHwan Kim reporting)

A motion was made and seconded to approve all curricular changes. The motion was approved unanimously.

A. Curricular Changes:

1. New Course: COMS 920 and
2. Course Change: ENGL 802

Report of the Policies and Student Petitions (PSP) Subcommittee
(Dr. Peter Grund reporting)

A motion was made and seconded to approve the subcommittee’s Dean’s Charge report outlining recommendations for the grading of thesis and dissertation hours with the following revisions (as shown in bold text):

1) NP - No Progress: The student has provided no evidence of progress on the thesis or dissertation work, or the work completed was insufficient to move the thesis or dissertation project forward. **Academic probation is strongly encouraged. Dismissal may be warranted.**

2) The final grade must be an SP. The assignment of a final letter grade should not be required.

The motion was unanimously approved. Kristine Latta will submit the revised report to Dean Anderson.

Old Business
Dr. Latta reported that the two graduate certificates proposals from the School of Public Affairs and Administration that were recently reviewed by the committee have received final approval.

New Business
Dr. Latta announced that the Baumgartel Peace and Justice Award will now be administered by COGA and nominations will be reviewed by the PAS subcommittee.

There being no further business, the meeting was adjourned by Dr. Woszidlo at 11:45 am.

Upcoming Meetings
The next meeting of the Committee on Graduate Studies is Thursday, February 19th, 11:00 am, 210 Strong Hall.

Respectfully submitted by Emily Dodson, COGA.

II. Program and Curricular Changes (PCC) Report

A. Curricular Changes for Approval

BIOINFORMATICS (Now COMPUTATIONAL BIOLOGY)

CHANGE: REMOVE CROSSLISTING
BINF 701 **Bioinformatics I. (5)**
(OLD)

First semester of a two-semester course in bioinformatics and computational biology. Topics include basic concepts of bioinformatics and molecular modeling, bioinformatics databases, computational tools and modeling methods, protein sequence and structure alignment, conformational analysis, secondary structure determination, tertiary structure modeling (homology, threading, ab initio, molecular dynamics and Monte Carlo simulations, protein folding and dynamics), as well as students presentations of material from current papers in the field of study and their own on-going research for discussion and critique. Prerequisite: College introductory biochemistry (no requirement for specific courses), math, and computer courses or concurrent enrollment in such courses and consent of instructor. (Same as PHCH 701.) LEC.
**BINF 701**

(NEW)

First semester of a two-semester course in bioinformatics and computational biology. Topics include basic concepts of bioinformatics and molecular modeling, bioinformatics databases, computational tools and modeling methods, protein sequence and structure alignment, conformational analysis, secondary structure determination, tertiary structure modeling (homology, threading, ab initio, molecular dynamics and Monte Carlo simulations, protein folding and dynamics), as well as students presentations of material from current papers in the field of study and their own on-going research for discussion and critique. Prerequisite: College introductory biochemistry (no requirement for specific courses), math, and computer courses or concurrent enrollment in such courses and consent of instructor. LEC.

**JUSTIFICATION:**
The School of Pharmacy wants to delete PHCH 701 from the Course Catalog. The BINF course is still active. The department approves removing the “Same As” designation from the course. There is no other change to this course.

**CHANGE: REMOVE CROSSLISTING**

**BINF 702**

Bioinformatics II. (5)

(OLD)

Second semester of a two-semester course in bioinformatics and computational biology. Topics include protein quaternary structure modeling (protein-protein/DNA/small ligand docking, binding, computer-aided drug design), protein structure-function relationships, biological membranes (structure and function of integral membrane proteins, protein-membrane and protein-protein interactions in membranes), phylogenetic trees, modeling of genome-wide protein interaction networks based on structure, sequence, experiment and data-mining, as well as students presentations of material from current papers in the field of study and their own on-going research for discussion and critique. (Same as PHCH 702.) Prerequisite: BINF 701. LEC

**BINF 702**

Bioinformatics II. (5)

(NEW)

Second semester of a two-semester course in bioinformatics and computational biology. Topics include protein quaternary structure modeling (protein-protein/DNA/small ligand docking, binding, computer-aided drug design), protein structure-function relationships, biological membranes (structure and function of integral membrane proteins, protein-membrane and protein-protein interactions in membranes), phylogenetic trees, modeling of genome-wide protein interaction networks based on structure, sequence, experiment and data-mining, as well as students presentations of material from current papers in the field of study and their own on-going research for discussion and critique. Prerequisite: BINF 701. LEC.

**JUSTIFICATION:**
The School of Pharmacy wants to delete PHCH 702 from their Course Catalog. The BINF course is still active. The department approves removing the “Same As” designation from the course. There is no other change to this course.

EAST ASIAN LANGUAGES AND CULTURES

CHANGE: TITLE COURSE DESCRIPTION

EALC 716  Modern Japanese Literature in Translation. (3)
(OLD)   A survey of major literary works of Japan's modern era through the Pacific War. Topics include the social and spiritual challenges of modernization, urbanization, and the issues of race and national identity. Works by Soseki, Ogai, Akutagawa, Tanizaki, Kawabata, and others will be covered. This course is offered at the 300 and the 700 levels, with additional assignments at the 700 level. Not open to students who have completed EALC 316. LEC.

EALC 716  Fiction and Film in Japan 3 Hours. AE42 / H/W.
(NEW) A survey of major works of fiction and film in modern Japan. Topics include the social and spiritual challenges of modernization, urbanization, and the issues of race and national identity. Works by Akutagawa, Kawabata, Kurosawa, Ogai, Ozu, Soseki and Tanizaki and others will be covered. Lectures, discussion, readings, and films in English. Knowledge of Japanese language is not required. This course is offered at the 300 and the 700 levels, with additional assignments at the 700 level. Not open to students who have completed EALC 316.

JUSTIFICATION:
The department sent EALC 316/716 to the March CAC for approval with a program change. The course was not simultaneously submitted to CGS, however EALC 316/716 is a requirement for the UG degree.

CHANGE: NEW COURSE

EALC 728  The Body in Japan (3)
The course examines historical and cultural concepts of the body in Japan and then focuses upon the pivotal events of the last half-century as experienced through the body. Students will be introduced to a wide range of extreme bodily experiences: the regimented body of wartime, the body irradiated by the atomic bomb, the body of malnutrition and national humiliation, possessed bodies, licentious bodies, creating life through the body, the aged body, self-immolation of the body, nurturing the body, beautifying the body, and others. The primary sources of investigation and discussion will be novels written after the war, films, anthropological writings, and popular culture. All readings will be in English. (Meets with EALC 328) Prerequisite: Upper division or graduate status. LEC.

Grading: A-F, W and I
This course is an elective
This course is not a RSRS course

This course impacts students in the following way: There will be no effect on current graduate students in Japanese as they are in the language pedagogy tract which not require a literature course.

The change(s) to this course will first take effect Fall 2016 and the course will be offered once every 2 years.

**JUSTIFICATION:**
This new course will bring the EALC graduate curriculum more up to date with a theme that is more relevant to the global outlook sought by graduate students today.

This course can be used to fulfill the elective requirement for the MA degree. It fulfills the Japanese literature requirement for the EALC M.A. in Japanese language and literature and the EALC M.A. in East Asian Studies with a concentration on Japanese (the requirement calls for a course on Japanese literature or thought). It can also fulfill the elective requirement of a course on a country other than China in the EALC M.A. in East Asian Studies with a concentration on Chinese.

EALC 328 will also be reviewed by CUSA.

**ENVIRONMENTAL STUDIES**

**CHANGE: NEW COURSE**

**EV RN 700 The Anthropocene: Interdisciplinary Perspectives on Environmental Change (3)**

Have human activities become so pervasive that we have initiated a unique human epoch of earth history? This introductory, interdisciplinary graduate seminar will explore this question while examining the ways that different disciplines approach the understanding of environmental change, its impact on natural and human systems, and how these understandings have changed over time. SEM.

Grading: A-F, W and I
This course is not an elective
This course is not a RSRS course

This course is a degree requirement in the following way: This new course is one of two required courses for the graduate certificate in Environmental Studies

This course impacts students in the following way: This is the only introductory course. Any new student admitted to the program will be required to take the new course beginning Fall 2015.
The change(s) to this course will first take effect Fall 2015 and the course will be offered every fall semester thereafter

JUSTIFICATION:
The Environmental Studies faculty voted to accept this new course as the introductory course for the certificate program, along with program changes that allow greater flexibility in completing the requirements of the certificate. See accompanying program change.

HUMANITIES AND WESTERN CIVILIZATIONS

CHANGE: NEW CROSSTLISTED COURSE
HWC 770 Research in Men and Masculinities (3)
An intensive examination of the history and theory of masculinities in the Western World since the sixteenth century. Students will become acquainted with some of the key theories of men and masculinities, examine in depth the interplay between manhood and modernity, and develop research projects on a topic negotiated with the instructor. (Same as WGSS 770) May be repeated if content varies sufficiently. LEC.

Grading: A-F, W and I

This course is an elective
This course is not a RSRS course
This course is not a degree requirement

The change(s) to this course will first take effect Fall 2015 and the course will be offered Every other fall semester thereafter

JUSTIFICATION:
This is a major area in WGSS and we now have a faculty member who is prepared to offer the course. It will fulfill an elective course requirement in the study of sexuality in our graduate program in Women, Gender, and Sexuality Studies. The original request for a cross-listing has come from the creator of the course in HWC.

CHANGE: NEW CROSSTLISTED COURSE
HWC 775 Advanced Study in the Body and Senses (3)
An intensive examination of the role of the human body in the creation of personal and social identities in the West since the sixteenth century. Emphasis is on understanding how contemporary theories of embodiment are applied to concrete historical or contemporary problems. May be repeated if course content varies sufficiently. (Same as WGSS 775) LEC.

Grading: A-F, W and I
This course is an elective
This course is not a RSRS course
This course is not a degree requirement

The change(s) to this course will first take effect Fall 2015 and the course will be offered Every other fall semester thereafter

JUSTIFICATION:
This is a major area in WGSS and we now have a faculty member who is prepared to offer the course. It will fulfill an elective course requirement in the study of sexuality in our graduate program in Women, Gender, and Sexuality Studies. The original request for a cross-listing has come from the creator of the course in HWC.

MUSEUM STUDIES
CHANGE: NEW COURSE
MUSE 802 MUSE 802 Culture of Museums (3)
Culture of Museums is the second of a 2-semester course sequence, and highlights classic texts and current directions in museum studies. It is organized around the core conceptual domains of museums - Materiality, Representation, and Engagement. The course establishes the framework for understanding changes on the horizon for museums, and enables students to be familiar with classic texts in the field. Museums of art, history, natural history, are included, as well as museums large and small.

Each week the class will read assigned articles or chapters and will be prepared to discuss and analyze the assignment. In addition, each week there will be several monographs assigned that elaborate and inform the topic. One student will take responsibility for each work and will lead discussion concerning the material. The student will familiarize themselves with the work, and should meet with the instructor before class to structure their presentation. In class, the student will lead discussion and emphasize key elements in the work. SEM

Grading: A-F, W and I

This course is not an elective
This course is not a RSRS course
This course is a degree requirement

This course is currently part of the core curriculum for Museum Studies and is a required course for all Museum Studies students.
The change(s) to this course will first take effect Fall 2015 and the course will be offered every spring semester thereafter

JUSTIFICATION:
This course is a sequence to MUSE 702.

This course originally was taught as a new course and with a “Special Topics” general number the first time the course was offered. This is the second course in a sequence that starts with 702. This course is currently part of the core curriculum for Museum Studies and is a required course for all Museum Studies students. This is a regularly taught course; the course is taught in the spring semester each year.

CHANGE: NEW COURSE
MUSE 803 Seminar in Current Museum Topics (3)
The Seminar in Current Museum Topics has two core objectives - (1) to consider current issues in and around museums that will have a bearing on the field’s future, and (2) to be a springboard for museum studies students to formulate and make substantial headway on their required final projects. Therefore, in addition to each week’s readings assigned by the instructor, each student will have several opportunities to select the readings for the rest of the class. The student-assigned readings will be relevant to each student's research, and will (1) help students acquire a more nuanced and critical grasp of works that are key to their research by getting feedback from the rest of the class; and (2) build the class’s general awareness of important scholarship in the field.

Grading: A-F, W and I

This course is not an elective
This course is not a RSRS course
This course is a degree requirement

This course is currently part of the core curriculum for Museum Studies and is a required course for all Museum Studies students.

The change(s) to this course will first take effect Fall 2015 and the course will be offered every fall semester thereafter

JUSTIFICATION:
This course originally was a new course and taught with a “Special Topics” general number the first time the course was offered. This course is currently part of the core curriculum for Museum Studies. This course is a required course for all Museum Studies students. This is a regularly taught course; the course is taught in the fall semester each year. See accompanying program change.
SPEECH LANGUAGE PATHOLOGY

SPLH (See CUSA/CAC addendum)

WOMEN, GENDER, AND SEXUALITY STUDIES

CHANGE: NEW CROSSLISTED COURSE
WGSS 770 Research in Men and Masculinities (3)

An intensive examination of the history and theory of masculinities in the Western World since the sixteenth century. Students will become acquainted with some of the key theories of men and masculinities, examine in depth the interplay between manhood and modernity, and develop research projects on a topic negotiated with the instructor. (Same as HWC 770) May be repeated if content varies sufficiently. LEC.

Grading: A-F, W and I

This course is an elective
This course is not a RSRS course
This course is not a degree requirement

The change(s) to this course will first take effect Fall 2015 and the course will be offered every fall semester thereafter

JUSTIFICATION:
This is a major area in WGSS and we now have a faculty member who is prepared to offer the course. It will fulfill an elective course requirement in the study of sexuality in our graduate program in Women, Gender, and Sexuality Studies. The original request for a cross-listing has come from the creator of the course in HWC.

CHANGE: NEW CROSSLISTED COURSE
WGSS 775 Advanced Study in the Body and Senses (3)

An intensive examination of the role of the human body in the creation of personal and social identities in the West since the sixteenth century. Emphasis is on understanding how contemporary theories of embodiment are applied to concrete historical or contemporary problems. (Same as HWC 775) May be repeated if course content varies sufficiently. LEC.

Grading: A-F, W and I

This course is an elective
This course is not a RSRS course
This course is not a degree requirement
The change(s) to this course will first take effect Fall 2015 and the course will be offered Every other fall semester thereafter

JUSTIFICATION:
This is a major area in WGSS and we now have a faculty member who is prepared to offer the course. It will fulfill an elective course requirement in the study of sexuality in our graduate program in Women, Gender, and Sexuality Studies. The original request for a cross-listing has come from the creator of the course in HWC.

B. Degree Requirements for Approval/Motion to File
   a. Changes to Existing RSRS – Biology-EEB, PhD

(OLD) Current Research Skills and Responsible Scholarship requirements:

Research Skills and Responsible Scholarship

Before proceeding to the Comprehensive Oral Examination, doctoral students must fulfill the Research Skills and Responsible Scholarship requirement. This requirement has 2 components: (1) training in responsible scholarship pertinent to the field of research; and (2) obtaining research skills pertinent to the field of research. Upon completion of any portion of the research skills and responsible scholarship requirement, students must contact the EEB graduate coordinator to complete documentation. Note that students are not allowed to schedule the comprehensive oral examination for the doctorate until the graduate coordinator has received documentation of the completion of this requirement.

Responsible Scholarship: Training in responsible scholarship is part of the curriculum for BIOL 701 Topics in Responsible Scholarship and Teaching Effectiveness. Completion of this course fulfills the responsible scholarship portion.

Research Skills: Doctoral students can fulfill the research skills component in one of 4 ways:

1. Exhibiting reading knowledge of 2 foreign languages
2. Exhibiting fluency in a foreign language
3. Exhibiting reading knowledge of 1 foreign language and fulfilling the requirements of 1 other research skill
4. Fulfilling the requirements of 2 research skills

1. Reading Knowledge of a Foreign Language

Students without prior experience must enroll in a 3-credit-hour reading course in a major modern language and achieve a final grade of A or B. Students with prior knowledge of a language may choose instead to translate, in a set amount of time, a pre-approved passage from the scientific literature in that language. Approval of the foreign language requirement must be obtained from the instructor of the reading course, from an appropriate representative of a language department, or from a qualified individual from EEB or another department. In EEB,
Professors Town Peterson and Jorge Soberon are qualified to test Spanish reading knowledge, and Professor Rudolf Jander is qualified to test German.

2. Fluency in a Foreign Language

Fluency in reading, writing, and speaking a language that is not native to the student is determined by a faculty member who is fluent in the chosen language. Whenever possible, a qualified faculty member from the department should make the determination; otherwise, the student should contact the appropriate language department to identify a qualified individual. The faculty member must submit a letter to the EEB graduate program committee indicating that the student is fluent.

If the student is not a native English speaker, the student’s committee may determine fluency in reading, writing, and speaking English. Following the committee’s determination, the student’s advisor must provide a letter to the EEB graduate program committee indicating that the student is fluent.

3. Other Research Skills

Other research skills may be attained either through course work or through completion of a project. In either case, the skill must be approved in advance of its completion by the EEB Graduate Program Committee. A list of previously approved skills appears in the EEB Graduate Student Handbook. Other courses or projects can be added to this list by petitioning the EEB graduate program committee for pre-approval.

Students with no prior experience using the chosen research skill should take a course recommended by the department; students with experience might choose to develop a project. A qualified faculty member must approve the choice of a project. Upon completion, a letter that describes the project and is signed by the supervising faculty member should be submitted to the departmental graduate coordinator for documentation purposes.

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.

(NEW) Proposed Research Skills and Responsible Scholarship requirements

Research Skills and Responsible Scholarship

All students aspiring to the Ph.D. are required by the Graduate School to respond to the need for training in Research Skills and Responsible Scholarship (see official policy description at http://policy.ku.edu/graduate-studies/research-skills-responsible-scholarship and http://policy.ku.edu/graduate-studies/doctoral-research-skills-requirement). As such, requirements in EEB include training in responsible scholarship (BIOL 701 Topics in Responsible Scholarship and Teaching Effectiveness). In addition, students must develop, in consultation with their preliminary advisory committees, a list of additional research skills that
will be necessary for successful completion of the doctoral program; these skills may include fluency in English (if not the native language); fluency (reading or speaking) in other foreign languages; and skills such as scientific illustration, phylogenetic methods, genomic analysis, geographic information systems, advanced mathematics and statistics, computer programming, biochemical analyses, advanced microscopy, and others. Students are strongly encouraged to develop foreign language skills pertinent to their research, in view of the need for effective communication in an increasingly global academic community. These research skills will be determined initially by the student’s Preliminary Advisory and Research Advisory committees, with the potential for modification as specific dissertation plans evolve, proposed in a letter to the Graduate Coordinator of the department, and approved by the Graduate Program Committee; successful fulfillment will be determined by the student’s Research Advisory Committee, documented in a letter to the Graduate Coordinator of the department, and approved by the Graduate Program Committee.

**JUSTIFICATION:**

The RS description to be included in the 2015-16 catalog more accurately reflects the current requirements for EEB graduate students.

b. Changes to Graduate Certificate – Environmental Studies (Admission and Coursework)

**(OLD) Current Courses Requirement:**

The Graduate Certificate in Environmental Studies is designed to give students already admitted to a graduate program at KU the opportunity for interdisciplinary coursework in Environmental Studies, spanning the humanities, natural/physical sciences, and social sciences.

**Required coursework**

EVRN 701: Climate Change, Ecological Change and Social Change (3)
EVRN 702: Energy, Ecology and Community in Kansas (3)
EVRN 915: Capstone (3)

**Elective coursework**

One graduate-level elective course with at least 25% environmental content, approved by the student’s advisor and the Environmental Studies Graduate Director (3).

To submit an application, proceed to [http://www.graduate.ku.edu/01-04_apply.shtml](http://www.graduate.ku.edu/01-04_apply.shtml) and search for the Graduate Certificate in Environmental Studies and submit required materials. Students wishing to be accepted into the Environmental Studies Certificate program must already be admitted to a graduate program at KU. Applicants must write a cover letter to the Environmental Studies Graduate Director explaining their interest in the certificate and how interdisciplinary training in Environmental Studies helps meet individual goals in research and training. This statement is to be attached on page 8 of the application. On page 6, please upload a copy of your ARTS form. A graduate GPA of 3.0 or higher is required, but provisional.
Admittance can be granted for one semester to new graduate students. The student’s advisor must also write a letter of recommendation and the student must complete the coursework planning form (pdf) and return it to the Environmental Studies Program office (252 Snow).

Scholarships

Thanks to the generous support of the late Ruben Zadigan, a limited number of scholarships are available for students enrolled in the certificate program. Applications for entering the certificate program are automatically reviewed for scholarship funding.

Proposed: (New Courses Requirement)

The Graduate Certificate in Environmental Studies is designed to give students already admitted to a graduate program at KU the opportunity for interdisciplinary coursework in Environmental Studies, spanning the humanities, natural/physical sciences, and social sciences.

Required coursework:

- **EVRN 700 The Anthropocene: Interdisciplinary Perspectives on Environmental Change** (3) Have human activities become so pervasive that we have initiated a unique human epoch of earth history? This introductory, interdisciplinary graduate seminar will explore this question while examining the ways that different disciplines approach the understanding of environmental change, its impact on natural and human systems, and how these understandings have changed over time.
- **EVRN 915: Capstone** (3)

Elective coursework

- Two graduate-level elective courses with at least 50% environmental content, approved by the student’s advisor and the Environmental Studies Graduate Director (6).

Admission

To submit an application, proceed to [http://www.graduate.ku.edu/01-04_apply.shtml](http://www.graduate.ku.edu/01-04_apply.shtml) and search for the Graduate Certificate in Environmental Studies and submit required materials. Students wishing to be accepted into the Environmental Studies Certificate program must already be admitted to a graduate program at KU. Applicants must write a cover letter to the Environmental Studies Graduate Director explaining their interest in the certificate and how interdisciplinary training in Environmental Studies helps meet individual goals in research and training. This statement is to be attached on page 8 of the application. On page 6, please upload a copy of your ARTS form. A graduate GPA of 3.0 or higher is required, but provisional admittance can be granted for one semester to new graduate students. The student’s advisor must also write a letter of recommendation and the student must complete the coursework planning form (pdf) and return it to the Environmental Studies Program office (252 Snow).
Scholarships

Thanks to the generous support of the late Ruben Zadigan, a limited number of scholarships are available for students enrolled in the certificate program. Applications for entering the certificate program are automatically reviewed for scholarship funding.

The change(s) to this program will first take effect fall 2015

JUSTIFICATION:
The Environmental Studies faculty voted to approve these changes to provide greater flexibility in meeting the requirements, while still requiring a cohort-building introductory course and a capstone course.

c. Changes to Existing Degree – Linguistics MA

Old (Current)

M.A. Degree Requirements

Prerequisites

3 credit hours of linguistics (LING 700 or equivalent). Students who do not meet the prerequisite but have undergraduate majors in related fields (such as a foreign language, English, speech, anthropology, or psychology) may be accepted with the provision that they make up the deficiency as soon as possible.

Reading ability in a foreign language (not English) with a significant linguistic literature.

Degree Requirements

The following are minimum requirements.

Course Work

33 credit hours of graduate work including

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>LING 794</td>
<td>Proseminar</td>
<td>3</td>
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<tr>
<td>LING 705</td>
<td>Phonetics I</td>
<td>3</td>
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<tr>
<td>LING 712</td>
<td>Phonological Theory I</td>
<td>3</td>
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<td>LING 725</td>
<td>Syntax I</td>
<td>3</td>
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<tr>
<td>LING 709</td>
<td>First Language Acquisition</td>
<td>3</td>
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<tr>
<td>or LING 715</td>
<td>Linguistics and Second Language Acquisition</td>
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LING 735 Psycholinguistics I
or LING 738 Neurolinguistics I

Select one of the following research methods courses:

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<tr>
<th>Course</th>
<th>Title</th>
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<tr>
<td>LING 720</td>
<td>Research Methods in Linguistics</td>
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<tr>
<td>LING 740</td>
<td>Linguistic Data Processing</td>
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<tr>
<td>LING 741</td>
<td>Field Methods in Linguistic Description</td>
</tr>
<tr>
<td>LING 782</td>
<td>Research Methods in Child Language</td>
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</tbody>
</table>

12 credit hours of electives to be determined by the student and the student’s advisor, excluding LING 998 Independent Study; Topics in Empirical Research in Linguistics; LING 850 Topics in Empirical Research in Linguistics; LING 851 Research in Language Acquisition and Processing; LING 852 Research in Field Linguistics.

M.A. students can complete the degree by one of the following options:

**Research Project Option**

Student will conduct and write a research project and pass the research project oral defense. A maximum of 3 hours of M.A. research project credit (LING 899) may be applied toward the minimum of 33 hours for the degree. The research project must be defended successfully in an oral examination.

**Comprehensive Examination Option**

The M.A. comprehensive examination option is only available to students seeking a terminal M.A. degree. A comprehensive written examination should be taken no later than the semester in which the student completes 33 hours of course work applicable to the M.A.

**New (ProposeD) Course and Project requirement**

**M.A. Degree Requirements**

**Prerequisites**

3 credit hours of linguistics (LING 700 or equivalent). Students who do not meet the prerequisite but have undergraduate majors in related fields (such as a foreign language, English, speech, anthropology, or psychology) may be accepted with the provision that they make up the deficiency as soon as possible.

Reading ability in a foreign language (not English) with a significant linguistic literature.

**Degree Requirements**
The following are minimum requirements.

**Course Work**

33 credit hours of graduate work including

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LING 794</td>
<td>Proseminar</td>
<td>3</td>
</tr>
<tr>
<td>LING 705</td>
<td>Phonetics I</td>
<td>3</td>
</tr>
<tr>
<td>LING 712</td>
<td>Phonological Theory I</td>
<td>3</td>
</tr>
<tr>
<td>LING 725</td>
<td>Syntax I</td>
<td>3</td>
</tr>
<tr>
<td>LING 709</td>
<td>First Language Acquisition</td>
<td>3</td>
</tr>
<tr>
<td>or LING 715</td>
<td>Linguistics and Second Language Acquisition</td>
<td></td>
</tr>
<tr>
<td>LING 735</td>
<td>Psycholinguistics I</td>
<td>3</td>
</tr>
<tr>
<td>or LING 738</td>
<td>Neurolinguistics I</td>
<td></td>
</tr>
</tbody>
</table>

Select one of the following research methods courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LING 720</td>
<td>Research Methods in Linguistics</td>
<td>3</td>
</tr>
<tr>
<td>LING 740</td>
<td>Linguistic Data Processing</td>
<td></td>
</tr>
<tr>
<td>LING 741</td>
<td>Field Methods in Linguistic Description</td>
<td></td>
</tr>
<tr>
<td>LING 782</td>
<td>Research Methods in Child Language</td>
<td></td>
</tr>
</tbody>
</table>

12 credit hours of electives to be determined by the student and the student’s advisor, excluding LING 998 Independent Study; Topics in Empirical Research in Linguistics; LING 850 Topics in Empirical Research in Linguistics; LING 851 Research in Language Acquisition and Processing; LING 852 Research in Field Linguistics.

M.A. students can complete the degree by one of the following options:

**Research Project Option**

Students who wish to pursue the MA research project option must have the support of a faculty mentor and the approval of the Director of Graduate Studies. Student will conduct and write a research project and pass the research project oral defense. A maximum of 3 hours of M.A. research project credit (LING 899) may be applied toward the minimum of 33 hours for the degree. The research project must be defended successfully in an oral examination.

**Comprehensive Examination Option**

The M.A. comprehensive examination option is only available to students seeking a terminal M.A. degree. A comprehensive written examination should be taken no later than the semester in which the student completes 33 hours of course work applicable to the M.A.
JUSTIFICATION:
The department will not make any major changes to the M.A., which will remain an independent degree option. However, we have added one sentence to the description of the M.A. program to make it clear that the ‘research project option’ requires the support of a faculty mentor and the Director of Graduate Studies. We have also removed one course from the list of ‘research methods’ courses. This course (which is crosslisted with ANTH 740) has not been offered frequently in recent years and thus it is not often available for students who plan to use it to fulfill this requirement. If the course is offered, students may take the course as an elective for either the M.A. or the Ph.D.

d. Changes to Existing Degree – Linguistics MA/PhD

Old (Current)
Ph.D. Degree Requirements

Prerequisites
M.A. in linguistics with a thesis. A student entering the Ph.D. program without courses equivalent to these must take them as soon as they are offered.

Degree Requirements

Residence
2 semesters, which may include 1 summer session, must be spent in full-time resident study at KU. Normally, an enrollment of 9 credit hours is considered full-time during the semester. See Doctoral Degree Requirements, 2. Program Time Constraints, in the Graduate Studies section of the online catalog.

Research Skills and Responsible Scholarship
1. Language requirement: Reading ability in a foreign language (not English) demonstrated through one of the following ways:
   1. Pass a language examination devised and administered by the Linguistics Department.
   2. Complete DANE 101, DTC 101, FREN 100, GERM 101, ITAL 100, RUSS 101, or SPAN 100 with a grade of C or higher, or LAT 104 with a grade of B or higher.
   3. Have a KU professor qualified in a given language certify that the student has the fourth level of competence in reading, comprehension, and speaking.
   4. Complete 16 hours (or 4 semesters) in a single language at KU or another university as a graduate or undergraduate student.
2. Research skills requirement: 1 of the following:
   o A course in statistics with a grade of B or above.
   o A course in a computer programming language with a grade of B or above.
   o LING 783 Computational Linguistics with a grade of B or above.
Responsible Scholarship: The university requires that every doctoral student have training in responsible scholarship pertinent to the field of research and appropriate to the doctoral level. This requirement must be met before taking the comprehensive oral exam. The Proseminar (LING 794) fulfills the requirements for responsible scholarship.

**Minimum Course Requirements**

24 credit hours, consisting of

Methods requirement: (3)

**LING 741**  Field Methods in Linguistic Description  
3

If already taken for M.A., replace with one of the following:

**LING 720**  Research Methods in Linguistics  
**LING 740**  Linguistic Data Processing  
**LING 782**  Research Methods in Child Language

Second-level courses (9)

Select three of the following second-level courses:  
9

**LING 707**  Phonetics II  
**LING 714**  Phonological Theory II  
**LING 716**  Second Language Acquisition II  
**LING 726**  Syntax II  
**LING 727**  Morphology  
**LING 731**  Semantics  
**LING 737**  Psycholinguistics II  
**LING 822**  Seminar on Acquisition of Language

Elective courses in linguistics (12)

Select four elective courses in linguistics. A total of 3 hours, but not more, from the following courses can count towards the elective requirement:  
12

**LING 998**  Independent Study  
**LING 850**  Topics in Research in Experimental Linguistics: _____  
**LING 851**  Research in Language Acquisition and Processing  
**LING 852**  Research in Field Linguistics

**Qualifying Papers**

The student needs to write 2 qualifying papers -- a major paper in the area of specialization and a minor paper in a different area. Both papers should represent original work. The major paper may be an expanded version of the M.A. thesis and should be of publishable quality. The minimum lengths of the major and minor papers are 25 pages and 15 pages, respectively. The major and minor papers are developed in close consultation with an Advisory Committee (3 faculty members) and the 2 papers should be supervised by different faculty members when possible. The adequacy of the papers is evaluated on the quality of the literature review, theoretical contribution, and research integration as well as the basis of their logical coherence and organization. The student does not need to orally defend the qualifying papers.

**Dissertation Proposal and the Oral Comprehensive Exam**
When the major and minor qualifying papers have been approved by the Advisory Committee, the student may form a Ph.D. committee (4 inside members, 1 outside member), which helps the student work on the dissertation, starting from the dissertation proposal. The proposal should clearly identify the research questions that the dissertation will address, include a comprehensive literature review, lay out the methodology for the research, discuss preliminary data and results, if any, and present a timetable for the dissertation research. The minimum length for the dissertation proposal is 10 pages.

The Oral Comprehensive Exam is the official exam required by Graduate Studies and consists of an oral defense of the dissertation proposal and the answering of any other questions related to the fields of study of the dissertation research. It must be taken within 2 months (excluding summer) after the student has turned in the dissertation proposal. The oral exam will typically last 2 to 3 hours.

**Dissertation and Dissertation Defense**

The dissertation is developed in consultation with the Ph.D. committee. The dissertation must be orally defended in front of the Ph.D. committee. The student will be asked first to summarize his/her dissertation and evidence, and then will be questioned by the committee. The defense will normally last 1 to 1 and 1/2 hours.

**New (Proposed)**

**Ph.D. Degree Requirements**

**Prerequisites**

1. Three hours of Linguistics 700, Introduction to Linguistic Science.
2. The ability to read in a foreign language (not English) with a significant linguistic literature.

Students who do not meet these prerequisites, but have an undergraduate major in a related field (such as a foreign language, English, speech, anthropology or psychology) may be accepted with the provision that they make up their deficiencies as soon as possible.

**Degree Requirements**

**Residence**

2 semesters, which may include 1 summer session, must be spent in full-time resident study at KU. Normally, an enrollment of 9 credit hours is considered full-time during the semester. See Doctoral Degree Requirements, 2. Program Time Constraints, in the Graduate Studies section of the online catalog.

**Research Skills and Responsible Scholarship**

4. Language requirement: Reading ability in a foreign language (not English) demonstrated through one of the following ways:
   1. Pass a language examination devised and administered by the Linguistics Department.
2. Complete DANE 101, DTCH 101, FREN 100, GERM 101, ITAL 100, RUSS 101, or SPAN 100 with a grade of C or higher, or LAT 104 with a grade of B or higher.

3. Have a KU professor qualified in a given language certify that the student has the fourth level of competence in reading, comprehension, and speaking.

4. Complete 16 hours (or 4 semesters) in a single language at KU or another university as a graduate or undergraduate student.

5. Research skills requirement: 1 of the following:
   - A course in statistics with a grade of B or above.
   - A course in a computer programming language with a grade of B or above.
   - LING 783 Computational Linguistics with a grade of B or above.

Responsible Scholarship: The university requires that every doctoral student have training in responsible scholarship pertinent to the field of research and appropriate to the doctoral level. This requirement must be met before taking the comprehensive oral exam. The Proseminar (LING 794) fulfills the requirements for responsible scholarship.

Minimum Course Requirements
57 credit hours consisting of 33 credit hours at the M.A. level and 24 hours at the Ph.D. level.

M.A. Level Course Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>LING 794</td>
<td>Proseminar</td>
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</table>

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<tr>
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<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>LING 720</td>
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</table>

12 credit hours of electives to be determined by the student and the student’s advisor, excluding LING 998 Independent Study; Topics in Empirical Research in Linguistics; LING 850 Topics in Empirical Research in Linguistics; LING 851 Research in Language Acquisition and Processing; LING 852 Research in Field Linguistics.

Ph.D. Level Course Requirements
Methods requirement: (3)

<table>
<thead>
<tr>
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</tr>
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<tbody>
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</table>

If already taken for M.A., replace with 1 of the following:

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<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>LING 720</td>
<td>Research Methods in Linguistics</td>
</tr>
<tr>
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<td>Linguistic Data Processing</td>
</tr>
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</tr>
</tbody>
</table>

Second-level courses (9)

Select three of the following second-level courses:

<table>
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<td>Seminar on Acquisition of Language</td>
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One advanced seminar in Linguistics (LING 998 Independent Study, LING 850 Research in Experimental Linguistics, LING 851 Research in Acquisition and Processing, and LING 852 Research in Field Linguistics do not count toward this requirement.)

Elective courses in linguistics (9)

Select 3 elective courses in linguistics. (LING 998 Independent Study, LING 850 Research in Experimental Linguistics, LING 851 Research in Acquisition and Processing, and LING 852 Research in Field Linguistics do not count toward this requirement.)

**Research Presentation Requirement**

Students must give one research presentation each semester beginning in their second year of the program. For students who are just beginning their independent research projects, this presentation may involve the discussion of published research relevant to the student’s research interests. This requirement may be satisfied through a presentation in one of the empirical research seminars (LING 850, LING 851, LING 852), a presentation at a local, regional, or international conference, a presentation in the Linguistics colloquy series, or a presentation at any other relevant forum as determined by the faculty adviser. Students must include the titles and dates of these presentations in their annual report each year.

**M.A. Research Project**

The Master’s research project should consist of a detailed research proposal and include pilot results and/or preliminary analyses. Students in the Ph.D. program should be able to continue working on the project with the aim of submitting it as a qualifying paper for the Ph.D. program.
An M.A. candidate in residence who has begun work on a research project must enroll for at least one credit hour of LING 899 Master's Research Project each semester (summer session excluded) until the thesis is completed.

The research project must be defended successfully in an oral examination. The oral exam is scheduled when all three committee members have indicated in writing their approval or disapproval of the research project for defense and at least two (including the chair) have approved scheduling the exam.

Following the oral examination, the student's performance will be evaluated by the project committee and reported by a Progress-to-Degree form to Graduate Studies as the outcome of the Master's oral examination. The committee will evaluate the M.A. research project with the following grades: 0-fail, 1-pass but cannot continue to the Ph.D. program, 2-pass and can continue to the Ph.D. program.

Qualifying Papers
The student needs to write 2 qualifying papers -- a major paper in the area of specialization and a minor paper in a different area. Both papers should represent original work. The major paper may be an expanded version of the M.A. research project and should be of publishable quality. The minimum lengths of the major and minor papers are 25 pages and 15 pages, respectively.

The major and minor papers are developed in close consultation with an Advisory Committee (3 faculty members) and the 2 papers should be supervised by different faculty members when possible. The adequacy of the papers is evaluated on the quality of the literature review, theoretical contribution, and research integration as well as the basis of their logical coherence and organization. The student does not need to orally defend the qualifying papers.

Dissertation Proposal and the Oral Comprehensive Exam
When the major and minor qualifying papers have been approved by the Advisory Committee, the student may form a Ph.D. committee (4 inside members, 1 outside member), which helps the student work on the dissertation, starting from the dissertation proposal. The proposal should clearly identify the research questions that the dissertation will address, include a comprehensive literature review, lay out the methodology for the research, discuss preliminary data and results, if any, and present a timetable for the dissertation research. The minimum length for the dissertation proposal is 10 pages.

The Oral Comprehensive Exam is the official exam required by Graduate Studies and consists of an oral defense of the dissertation proposal and the answering of any other questions related to the fields of study of the dissertation research. It must be taken within 2 months (excluding summer) after the student has turned in the dissertation proposal. The oral exam will typically last 2 to 3 hours.

Post-Comprehensive Enrollment
After passing the comprehensive oral examination the candidate must be continuously enrolled — including summer sessions — in at least one credit of LING 999 Doctoral Dissertation until
the degree is completed; each enrollment shall reflect as accurately as possible the candidate's demands on faculty time and University facilities. Students must also enroll in either LING 850 Research in Experimental Linguistics, LING 851 Research in Acquisition and Processing, or LING 852 Research in Field Linguistics at least once following their comprehensive exam. During this time, until the degree is completed or until 18 post-comprehensive hours have been completed (whichever comes first), the candidate shall enroll for a minimum of 6 hours a semester and 3 hours a summer session. Post-comprehensive enrollment may include enrollment of LING 999 during the semester or summer session in which the comprehensive oral examination has been passed. If after 18 hours of post-comprehensive enrollment the degree is not completed, the candidate shall continue to enroll each semester and each summer session until the final oral examination has been passed; the number of hours of each enrollment shall be determined by the candidate's adviser and must as accurately as possible reflect the candidate's demands on faculty time and University facilities.

Dissertation and Dissertation Defense
The dissertation is developed in consultation with the Ph.D. committee. The dissertation must be orally defended in front of the Ph.D. committee. The student will be asked first to summarize his/her dissertation and evidence, and then will be questioned by the committee. The defense will normally last 1 to 1 1/2 hours.

JUSTIFICATION:
Program Changes
We would like to change the structure of the Ph.D. program because we have found that our current requirements are confusing to potential applicants and are not in line with other Linguistics Ph.D. programs. Most Linguistics Ph.D. programs are five-year programs and many include an M.A. program or offer the option of getting an M.A. degree en route. We would like to align the structure of our Ph.D. with these programs. Undergraduate students who are interested in the Ph.D. program are currently unsure of whether they should apply for the M.A. program or the Ph.D. program because the Ph.D. program currently requires an M.A. as a prerequisite. We feel that the requirements would be much clearer if the Ph.D. were simply a five-year program that included both an M.A. and a Ph.D.

The department would also like to include a ‘research presentation’ requirement at the Ph.D. level, similar to that in other departments at KU (e.g., Physics and Astronomy). The purpose of this requirement is to give our Ph.D. students training in orally presenting their work and addressing questions and feedback. The student will determine the appropriate content of their talk and the appropriate forum for their presentation in consultation with their adviser.

The department will not make any major changes to the M.A., which will remain an independent degree option. However, we have added clarification to the description of the M.A. program in the graduate handbook to more clearly distinguish the comprehensive exam option and the research project option. Importantly, we would like to make it clear to both prospective and current students that students may pursue the research project option if they have the support of both a faculty mentor and the Director of Graduate Studies.

Course requirements
LING 740 Linguistic Data Processing has been removed from the list of courses that can potentially fulfill the Research Methods course requirement at both the M.A. and Ph.D. level.
This course (which is crosslisted with ANTH 740) has not been offered frequently in recent years and thus it is not often available for students who plan to use it to fulfill this requirement. If the course is offered, students may take the course as an elective for either the M.A. or the Ph.D.

At the Ph.D. level, we have also added a requirement that students take one advanced seminar, reducing the number of Ph.D. electives from twelve to nine. This change is simply to reflect in the curriculum the importance that we assign to advanced seminars that expose students to cutting-edge research.

Following the comprehensive exam, students in Linguistics often enroll in one of the Linguistics research seminars (either LING 850 Research in Experimental Linguistics, LING 851 Research in Acquisition and Processing, or LING 852 Research in Field Linguistics) so that they can get feedback as they analyze their dissertation data and work on the presentation of their results. We would like to require that students enroll in one of these seminars at least once during the post-comprehensive exam enrollment period. These weekly research seminars are attended by multiple faculty members and are designed to provide feedback to students on their independent research projects. The seminars require students to present at least once during the semester. Participating in these seminars will ensure that the students stay involved in the research community in the year that they are writing their dissertation. These seminars will also allow students to prepare for their defense as well as potential interviews and campus visits as they enter the job market. We do not anticipate that this requirement will change current practice in the department. It will just formalize these seminars as a part of our PhD training and encourage students to enroll whenever they participate in the seminars.

e. Changes to Existing Degree – Museum Studies, MA

Old (Current)
M.A. Degree Requirements
The M.A. degree in museum studies requires 36 credit hours at the graduate level. Students in the Museum Studies Program complete courses in six areas:
1. The Museum Studies Core - 9 credit hours
2. Museum Professional Areas - 9 credit hours
3. Museum Conceptual Domains - 6 credit hours
4. Electives - 6 credit hours
5. Museum Experience (Internship) - 3 credit hours
6. Final Product (Research) - 3 credit hours

1. Museum Studies Core (9 credit hours)
The Museum Studies Core ensures that all Museum Studies students gain a comprehensive understanding of the theories, history, techniques, and problems common to museums, historical agencies and related institutions. The Capstone course, taken in a student’s third semester of study, provides an avenue for students to conduct research or other creative activities that advance the discipline of museum studies.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSE 702</td>
<td>The Nature of Museums</td>
<td>3</td>
</tr>
<tr>
<td>MUSE 780</td>
<td>Special Topics: ____</td>
<td>3</td>
</tr>
<tr>
<td>MUSE 782</td>
<td>Seminar in Current Museum Topics: ____</td>
<td>3</td>
</tr>
</tbody>
</table>
### 2. Museum Professional Areas (9 credit hours)

Students will develop expertise in one of the principal specialties of museum work by completing at least two courses in that area, at least one of which must be a Museum Studies (MUSE) course. Many courses in other departments could fulfill requirements; it is the responsibility of students, and their advisors, to ensure that individual courses meet program requirements based on the general relevance of the course and assurance that the student’s work in the class will be applicable to museum studies by meeting with instructors and examining syllabi.

<table>
<thead>
<tr>
<th>LEADERSHIP AND MANAGEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Courses cover areas such as administration, policy, fund raising, and legal issues related to the management of non-profit organizations.</td>
</tr>
<tr>
<td><strong>MUSE 701</strong></td>
</tr>
</tbody>
</table>

Examples of Courses in Other Departments and Programs:

<table>
<thead>
<tr>
<th>MGMT 715</th>
<th>Management of Organizations</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUAD 828</td>
<td>Nonprofit Management and Policy</td>
<td>3</td>
</tr>
<tr>
<td>PUAD 830</td>
<td>Administrative Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PUAD 855</td>
<td>Financial Management for Public and Not-for-Profit Organizations</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>INTERPRETATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interpretation includes developing skills in exhibition design and installation, graphics, and marketing, public programs, as well as innovative approaches to new and emerging technologies.</td>
</tr>
<tr>
<td><strong>MUSE 703</strong></td>
</tr>
<tr>
<td><strong>MUSE 705</strong></td>
</tr>
</tbody>
</table>

Examples of Courses in Other Departments and Programs:

<table>
<thead>
<tr>
<th>ADS 712</th>
<th>Design Strategies and Methods</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 720</td>
<td>Scientific Illustration</td>
<td>3</td>
</tr>
<tr>
<td>THR 618</td>
<td>Scenography and the Musical Theatre</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COLLECTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Courses provide opportunities to develop expertise in the practices and policies associated with the management and care of the range of materials in museum collections.</td>
</tr>
<tr>
<td><strong>MUSE 704</strong></td>
</tr>
<tr>
<td><strong>MUSE 706</strong></td>
</tr>
<tr>
<td><strong>MUSE 707</strong></td>
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<tr>
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<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 520</td>
<td>Archaeological Ceramics</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 582</td>
<td>Ethnobotany</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 648</td>
<td>Human Osteology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 603</td>
<td>Systematic Botany</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 746</td>
<td>Principles of Systematics</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 725</td>
<td>Paleontology of Lower Vertebrates</td>
<td>3</td>
</tr>
<tr>
<td>TD 504</td>
<td>History of Textiles, Lecture</td>
<td>3</td>
</tr>
<tr>
<td>UBPL 760</td>
<td>Historic Preservation Planning</td>
<td>3</td>
</tr>
</tbody>
</table>

COMMUNITY CONNECTIONS

Courses enable students to develop skills in public programming, curriculum planning, visitor studies, audience development, and volunteer management.

MUSE 705 Introduction to Museum Public Education 3

Examples of Courses in Other Departments and Programs:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABSC 719</td>
<td>Experimental Field Work in Community Settings</td>
<td>1-5</td>
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<td>Qualitative Research: Curriculum Inquiry</td>
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</tr>
<tr>
<td>COMS 855</td>
<td>Qualitative Research Methods in Communication Studies</td>
<td>3</td>
</tr>
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</tr>
<tr>
<td>VAE 750</td>
<td>Introduction to Art Museum Education</td>
<td>1-4</td>
</tr>
</tbody>
</table>

3. Courses focusing on Museum Conceptual Domains (6 credit hours)

The conceptual domains of museum work address in depth the conceptual and theoretical foundations of museums. Courses that emphasize conceptual domains will place museological subjects in broader historical and intellectual frameworks. Students may take courses which may be offered in one or several disciplines. Courses will be selected based on the general relevance of the course, and assurance that the student’s work in the class will be applicable to museum studies.

4. Electives and Other Museum Studies Courses (6 credit hours)

Students are expected to deepen their knowledge of the field by taking courses in a subject area pertinent to their area of specialization. Courses will be selected with the approval of the student’s committee chair, as well as the course instructor.

5. Museum Experience (3 credit hours)

While enrolled in the Museum Studies program, students are required to gain at least 500 hours
of museum experience, of which at least 250 hours must be in an approved, professionally supervised internship.

6. Final Product and Examination (3 credit hours)
Each student will be responsible for a final product, developed through research or other creative activity, that contributes to museum studies and demonstrates the student’s ability to engage conceptually and professionally with the discipline of museum studies.

New (Proposed)

M.A. Degree Requirements

The M.A. degree in museum studies requires 36 credit hours at the graduate level. Students in the Museum Studies Program complete courses in six areas:
1. The Museum Studies Core - 9 credit hours
2. Museum Professional Areas - 9 credit hours
3. Museum Conceptual Domains - 6 credit hours
4. Electives - 6 credit hours
5. Museum Experience (Internship) - 6 hours
6. Final Product (Research)

1. Museum Studies Core (9 credit hours)
The Museum Studies Core ensures that all Museum Studies students gain a comprehensive understanding of the theories, history, techniques, and problems common to museums, historical agencies and related institutions. The Capstone course, taken in a student’s third semester of study, provides an avenue for students to conduct research or other creative activities that advance the discipline of museum studies.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSE 801</td>
<td>The Nature of Museums</td>
<td>3</td>
</tr>
<tr>
<td>MUSE 802</td>
<td>The Culture of Museums</td>
<td>3</td>
</tr>
<tr>
<td>MUSE 803</td>
<td>Seminar in Current Museum Topics</td>
<td>3</td>
</tr>
</tbody>
</table>

2. Museum Professional Areas (9 credit hours)
Students will develop expertise in one of the principal specialties of museum work by completing at least two courses in that area, at least one of which must be a Museum Studies (MUSE) course. Many courses in other departments could fulfill requirements; it is the responsibility of students, and their advisors, to ensure that individual courses meet program requirements based on the general relevance of the course and assurance that the student’s work in the class will be applicable to museum studies by meeting with instructors and examining syllabi.

<table>
<thead>
<tr>
<th>LEADERSHIP AND MANAGEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Courses cover areas such as administration, policy, fund raising, and legal issues related to the management of non-profit organizations.</td>
</tr>
<tr>
<td>Course Code</td>
</tr>
<tr>
<td>-------------</td>
</tr>
<tr>
<td>MUSE 701</td>
</tr>
</tbody>
</table>

Examples of Courses in Other Departments and Programs:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW 867</td>
<td>Law and the Arts</td>
<td>2-3</td>
</tr>
<tr>
<td>MEMT 823</td>
<td>Seminar in: _____</td>
<td>1-3</td>
</tr>
<tr>
<td>MGMT 715</td>
<td>Management of Organizations</td>
<td>3</td>
</tr>
<tr>
<td>PUAD 828</td>
<td>Nonprofit Management and Policy</td>
<td>3</td>
</tr>
<tr>
<td>PUAD 830</td>
<td>Administrative Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PUAD 855</td>
<td>Financial Management for Public and Not-for-Profit Organizations</td>
<td>3</td>
</tr>
</tbody>
</table>

**INTERPRETATION**

Interpretation includes developing skills in exhibition design and installation, graphics, and marketing, public programs, as well as innovative approaches to new and emerging technologies.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSE 703</td>
<td>Introduction to Museum Exhibits</td>
<td>3</td>
</tr>
<tr>
<td>MUSE 705</td>
<td>Introduction to Museum Public Education</td>
<td>3</td>
</tr>
</tbody>
</table>

Examples of Courses in Other Departments and Programs:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADS 712</td>
<td>Design Strategies and Methods</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 720</td>
<td>Scientific Illustration</td>
<td>3</td>
</tr>
<tr>
<td>THR 618</td>
<td>Scenography and the Musical Theatre</td>
<td>3</td>
</tr>
</tbody>
</table>

**COLLECTIONS**

Courses provide opportunities to develop expertise in the practices and policies associated with the management and care of the range of materials in museum collections.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSE 704</td>
<td>Principles and Practices of Museum Collection Management</td>
<td>3</td>
</tr>
<tr>
<td>MUSE 706</td>
<td>Conservation Principles and Practices</td>
<td>3</td>
</tr>
<tr>
<td>MUSE 707</td>
<td>Practical Archival Principles</td>
<td>3</td>
</tr>
</tbody>
</table>

Examples of Courses in Other Departments and Programs:

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>ANTH 520</td>
<td>Archaeological Ceramics</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 582</td>
<td>Ethnobotany</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 648</td>
<td>Human Osteology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 603</td>
<td>Systematic Botany</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 746</td>
<td>Principles of Systematics</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 725</td>
<td>Paleontology of Lower Vertebrates</td>
<td>3</td>
</tr>
<tr>
<td>TD 504</td>
<td>History of Textiles, Lecture</td>
<td>3</td>
</tr>
<tr>
<td>UBPL 760</td>
<td>Historic Preservation Planning</td>
<td>3</td>
</tr>
</tbody>
</table>

**COMMUNITY CONNECTIONS**

Courses enable students to develop skills in public programming, curriculum planning, visitor...
studies, audience development, and volunteer management.

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSE 705</td>
<td>Introduction to Museum Public Education</td>
<td>3</td>
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</table>

3. **Courses focusing on Museum Conceptual Domains (6 credit hours)**

The conceptual domains of museum work address in depth the conceptual and theoretical foundations of museums. Courses that emphasize conceptual domains will place museological subjects in broader historical and intellectual frameworks. Students may take courses which may be offered in one or several disciplines. Courses will be selected based on the general relevance of the course, and assurance that the student’s work in the class will be applicable to museum studies. Please see Museum Studies website for examples of possible courses.

4. **Electives and Other Museum Studies Courses (6 credit hours) 9 hours**

Students are expected to deepen their knowledge of the field by taking courses in a subject area pertinent to their area of specialization. Courses will be selected with the approval of the student’s committee chair, as well as the course instructor.

5. **Museum Experience (6 credit hours)**

While enrolled in the Museum Studies program, students are required to gain at least 500 hours of museum experience, of which at least 250 hours must be in an approved, professionally supervised internship.

MUSE 799 Museum Apprenticeship 6

6. **Final Product and Examination**

Each student will be responsible for a final product, developed through research or other creative activity, that contributes to museum studies and demonstrates the student’s ability to engage conceptually and professionally with the discipline of museum studies.

**JUSTIFICATION:**
Changing the core courses to have their number in sequence order. Changing a special topics course to have its own number that is now part of the required courses that will be in number sequence with the other core courses. Museum Apprenticeship should be 6 credit hours listed as 3 this was a mistake. You may not receive credit hours for the final product need to delete 3 hours.

f. Changes to Existing Degree – Speech, Language Pathology, MA
Old (Current)
Requirements for the M.A. Degree with a Major in Speech-Language Pathology

Prerequisites
- An acceptable bachelor’s degree
- 34 hours of credit in speech-language-hearing, including SPLH 120, SPLH 261, SPLH 320, SPLH 465, SPLH 466, SPLH 565, SPLH 566, SPLH 660, SPLH 662, SPLH 663, SPLH 668, and SPLH 671, or their equivalents
- 20 hours of credit in allied fields, including courses in physiology, linguistics, and psychology

Degree Requirements
The program requires 34 credit hours of experiences for breadth and an additional 12 to 16 hours for depth.

<table>
<thead>
<tr>
<th>Required Graduate Experiences for Breadth (34)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPLH 764 Seminar in: _____ (Multicultural Issues)</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>SPLH 860 Evaluation of Speech and Language</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>SPLH 862 Clinical Processes</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>SPLH 864 Advanced Clinical Practice in Speech-Language Pathology</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>SPLH 868 Professional Seminar</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>Research experience (thesis or nonthesis option)</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>SPLH electives (8 seminars, 2 credit hours each)</td>
</tr>
<tr>
<td>16</td>
</tr>
<tr>
<td>Required Graduate Experiences for Depth (12-16)</td>
</tr>
<tr>
<td>SPLH 866 Field Study in Speech-Language Pathology</td>
</tr>
<tr>
<td>5</td>
</tr>
<tr>
<td>Advanced electives (SPLH, outside department, or thesis)</td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>Second field study or fourth practicum experience</td>
</tr>
<tr>
<td>1-5</td>
</tr>
</tbody>
</table>

Students also must pass the Speech-Language Pathology PRAXIS examination with a score of at least 600.

Requirements for the M.S. in Education Degree with a Specialization in Deaf Education
For information, see Special Education in the School of Education section of the online catalog.

NEW (Proposed)
Requirements for the M.A. Degree with a Major in Speech-Language Pathology

Prerequisites
- An acceptable bachelor’s degree
- 35 hours of credit in speech-language-hearing, including SPLH 120, SPLH 261, SPLH 620, SPLH 620, SPLH 465, SPLH 466, SPLH 565, SPLH 566, SPLH 660, SPLH 662, SPLH 462, SPLH 462, SPLH 463, SPLH 463, SPLH 568, and SPLH 571, or their equivalents
- 20 hours of credit in allied fields, including courses in physiology, linguistics, and psychology

Degree Requirements
The program requires 35 credit hours of experiences for breadth and an additional 12 to 16 hours for depth.

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<td>SPLH 764 Seminar in: _____ (Multicultural Issues)</td>
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Students also must pass the Speech-Language Pathology PRAXIS examination with a score of at least 162.

**Requirements for the M.S. in Education Degree with a Specialization in Deaf Education**
For information, see [Special Education](#) in the School of Education section of the online catalog.

**JUSTIFICATION:**
Department submitted course changes through CUSA given they are numbered below 700, however, CUSA had not notified CGS via an accompanying program change. The department requests to update to reflect course changes.

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

A. Approval of PSM 4+1
B. Approval of PhD in Atmospheric Sciences

IV. New Business