I.  APPROVAL OF THE APRIL 8, 2014 CAC MINUTES

II. REPORT OF THE COMMITTEE ON GRADUATE STUDIES (CGS)
    Submitted by Cynthia Lynn; presented by Milena Stanislavova, 2013-2014 CGS Chair
    (Items approved in the April 10 and April 24, 2014 CGS meetings)
    A.  Curricular Changes for Approval

        NEW COURSES:  EVRN 721, EVRN 740, EVRN 750, HA 720, HA 760, HA 995
        CHANGES:     ECON 918, GERM 753, GERM 953, POLS 825
        CORRECTION:  POLS 704, ABSC 891

    B.  Degree Requirements for Approval
        a. Changes to Existing Degree – Biology, PhD (Comp Exam)
        b. Changes to Existing Degree – Environmental Studies, PSM (Required Courses)
        c. Changes to Existing Degree – French, PhD (Comp Exam)
        d. Changes to Existing Degree – Germanic Languages & Literatures (Enrollment Requirements)
        e. Changes to Existing Degree – Germanic Languages & Literatures (RSRS)
        f. Changes to Existing Degree – Public Affairs & Administration (Comp Exam)
        g. Proposed New Degree – Classics Combined BA/MA  *(See Attachment 1)*

III. REPORT OF THE COMMITTEE ON UNDERGRADUATE STUDIES AND ADVISING (CUSA)
    Submitted by Lanis Atwood; presented by Pamela Neidert, 2013-2014 CUSA Chair
    (Items approved in the April 8, 22 and 29, 2014 CUSA meetings)
    A.  Curricular Changes for Approval

        NEW COURSES:  CHEM 201, CHEM 390, DANC 100, ECON 669, EVRN 171, EVRN 172, GEOG 110,
                        GIST 320, GIST 325, HA 361, HA 362, HA 561, HA 562, HIST 359, HIST 395, HIST
                        585, HNRS 370, HNRS 380, PUAD 607, REL 511, SCUL 549, SLAV 379
        CHANGES:      AAAS 306, ATMO 521, BIOL 652, CHEM 698, CHEM 699, GEOG 521, GEOG
                        554/354, GEOG 572/373, HWC 114, HWC 204, HWC 205, POLS 102, SCUL 349

    B.  Degree Requirements for Approval
        a. Changes to Existing Major – BA/BGS Geography
        b. Changes to Existing Major – BS Chemistry
           i. General Option
           ii. Biological Option
           iii. Chemical Physics Option
           iv. Environmental Option
        c. Changes to Existing Major – BS Atmospheric Science
        d. Changes to Existing Astronomy and Physics Departmental Honors requirement
        e. Changes to Existing Minor – Linguistics and addition of a new track
        f. Changes to Existing Minor – Astrobiology
        g. News Minor in Indigenous Studies
        h. Amended Changes to Communication Studies Major and Admission Requirements

    C.  New Business for Approval
        a. Recommended Policy Changes
           i. Certificate Proposal
           ii. BGS
           iii. BGS amendment to the Original BGS Liberal Arts & Sciences World Language and Culture
                Requirement
           iv. Readmission and Dismissal Policy
IV. RECOGNITION OF OUTGOING CAC MEMBERS
Next meeting of the CAC will be Tuesday, September 9, 2014, at 4:00 PM in 210 Strong Hall

I. APPROVAL OF THE APRIL 8, 2014 CAC MINUTES

College of Liberal Arts & Sciences
College Academic Council
Minutes – April 8, 2014

Committee members in attendance: Norman Akers, David Brackett, Heather Desaire, Mohamed El-Hodiri, Jane Gibson, Anna Neill, Kathy Suprenant

Committee member(s) absent: Chuck Berg, Jacqueline Brinton, Johannes Feddema, Steve Ilardi

Others in attendance: Danny Anderson, Larry Fillian, Kristine Latta, Cindy Lynn, Jim Mielke, Pam Neidert, Anne Sawyer

The meeting was called to order by Danny Anderson at 4:00 PM.

Minutes
A motion was made and seconded to approve March 11, 2014 minutes of the College Academic Council as written. The motion was approved unanimously.

Report of the Committee on Graduate Studies (CGS)

- The motion (CGS report by Kristine Latta, COGA Director, for Milena Stanislavova, CGS Chair) was seconded, and the CAC voted unanimously to approve the following new courses:

  NEW COURSES: ABSC 799, ABSC 936

- The motion (CGS report by Kristine Latta, COGA Director, for Milena Stanislavova, CGS Chair) was seconded, and the CAC voted unanimously to approve the following curricular changes:

  COURSE CHANGES: ABSC 798, ABSC 831, ABSC 891, ABSC 931, ABSC 951

- The motion (CGS report by Kristine Latta, COGA Director, for Milena Stanislavova, CGS Chair) was seconded, and the CAC voted unanimously to approve the following course designation changes:


- The motion (CGS report by Kristine Latta, COGA Director, for Milena Stanislavova, CGS Chair) was seconded, and the CAC voted unanimously to approve the following Degree Requirements:

  Applied Behavioral Science, M.A.
  Applied Behavioral Science, Ph.D.

- The motion (CGS report by Kristine Latta, COGA Director, for Milena Stanislavova, CGS Chair) was seconded, and the CAC voted unanimously to approve the following program change:

  Research Skills & Responsible Scholarship (RSRS) for Linguistics Ph.D.

Report of the Committee on Undergraduate Studies & Advising (CUSA)
(Pam Neidert, 2013-2014 CUSA Chair, reporting)
The motion (CUSA report by Pam Neidert) was seconded, and the CAC voted unanimously to approve the following new courses:

NEW COURSES: DANC 290, ENGL 100, EVRN 170, HA 101, HWC 175, LA&S 150, THR 120

The motion (CUSA report by Pam Neidert) was seconded, and the CAC voted unanimously to approve the following course changes:

CHANGES: DANC 475, DANC 550

The motion (CUSA report by Pam Neidert) was seconded, and the CAC voted unanimously to approve the following degree requirements:

1. Changes to Existing Major BA French – Italian Option
2. Changes to Existing Minor - Italian

The motion (CUSA report by Pam Neidert) was seconded, and the CAC voted unanimously to approve the following degree requirements:

Changes to Existing Major – BA Dance

The motion (CUSA report by Pam Neidert) was seconded, and the CAC voted unanimously to approve the following policy change:

Admission to Major

The motion (CUSA report by Pam Neidert) was seconded, and the CAC voted unanimously to approve the following policy change:

Double-Counting of Courses between Majors and Minors

A motion was made and seconded and the CAC voted unanimously to approve the following retroactive implementation of the new policy:

Double-Counting of Courses between Majors and Minors

At 4:28 PM, a motion was made, seconded and approved unanimously to adjourn the meeting.

Next regularly scheduled College Academic Council Meeting: Tuesday, May 13, 2014, at 4:00 PM (210 Strong Hall)

Minutes recorded and transcribed by Anne Sawyer (Secretary to the College Assembly)

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II. REPORT OF THE COMMITTEE ON GRADUATE STUDIES (CGS)

A. Curricular Changes for Approval

1. Curricular Changes for Approval/Motion to File

APPLIED BEHAVIORAL SCIENCE

Note: CGS/CAC recently approved a course change, ABSC 891, and reappears on the agenda as an informational correction item at the request of the department.

CHANGE: COURSE NUMBER

ABSC 891 (OLD)  

History of Behavior Analysis (3)  

An advanced graduate seminar on the long past, short history, recent origins, and modern history of applied behavioral science. This includes the field’s history, internally: its conceptual system, sciences and discipline, profession, and institutions. It also includes the field’s history, externally, for instance, the history of Western philosophy, science, American culture, and the behavioral and social sciences. Historiographic issues are addressed throughout. Prerequisites: ABSC 800 and Master’s degree in ABSC or Instructor permission. SEM
ABSC 981 History of Behavior Analysis (3)

An advanced graduate seminar on the long past, short history, recent origins, and modern history of applied behavioral science. This includes the field’s history, internally: its conceptual system, sciences and discipline, profession, and institutions. It also includes the field’s history, externally, for instance, the history of Western philosophy, science, American culture, and the behavioral and social sciences. Historiographic issues are addressed throughout. Prerequisites: ABSC 800 and Master’s degree in ABSC or Instructor permission. SEM

JUSTIFICATION:
The original course change was inadvertently submitted by the department as ABSC 891 and the course number is being corrected here to ABSC 981.

The change(s) to this course will first take effect Fall 2014 and the course will be offered every other fall semester thereafter.

ECONOMICS

CHANGE: COURSE TITLE

ECON 918 Financial Economics (3)

This course is designed to provide a variety of new econometric tools useful to investigate financial data. It discusses now to measure and forecast financial volatility using models such as Stochastic Volatility, multivariate GARCH, and Dynamic Conditional Correlation models. It also covers Dynamic Factor models and State Space models, which can be used in many financial data analysis. The course will be particularly helpful for the students preparing dissertations in the field of finance, macro-finance, monetary economics, international finance, and development economics. It will also benefit the students interested in more practical use of tools in the field such as financial risk management, insurance, and commercial banking. Prerequisite: Econ 818 Econ 916 LEC.

ECON 918 Financial Econometrics (3)

This course is designed to provide a variety of new econometric tools useful to investigate financial data. It discusses now to measure and forecast financial volatility using models such as Stochastic Volatility, multivariate GARCH, and Dynamic Conditional Correlation models. It also covers Dynamic Factor models and State Space models, which can be used in many financial data analysis. The course will be particularly helpful for the students preparing dissertations in the field of finance, macro-finance, monetary economics, international finance, and development economics. It will also benefit the students interested in more practical use of tools in the field such as financial risk management, insurance, and commercial banking. Prerequisite: Econ 818 Econ 916. 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 2014 and the course will be offered every other Fall semester thereafter.

JUSTIFICATION:
The original title was supposed to be Financial Econometrics since this course focuses on financial econometrics. Unfortunately the original paperwork was submitted with this typo and has gone unnoticed till now.

ENVIRONMENTAL STUDIES

CHANGE: NEW COURSE

EVRN 721 Environmental Regulation and Policy (3)

This course provides a survey of the environmental regulations, environmental problems, and environmental solutions that must be dealt with by environmental scientists in agencies and industry. Considers both theoretical and practical/applied aspects of environmental practices. LEC.

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: Required course for the Professional Science Masters in Environmental Assessment at KU-Edwards campus. Will replace EVRN 620 (Environmental Politics and Policy) as one of four required concentration courses.

This course impacts students in the following way: The PSM-EA program became active starting fall 2013. For students already in the program who have taken and passed EVRN 620, there will be no effect. Students who are in the program who have not taken EVRN 620 will instead take EVRN 721, as will all new admissions to the program.

This new course will be first offered Fall 2014, and then every other fall semester thereafter.

JUSTIFICATION:
EVRN 620, Environmental Politics and Policy, taught by Dr. Dorothy Daley, was originally planned as a required course for the Professional Science Masters in Environmental Assessment. Several PSM-EA students took the course, offered online, in Fall 2013. After reviewing the content of the course in the context of the curricular and professional needs of the typical PSM-EA student, Dr. Daley recommended that program develop a new course more closely focused on the needs of the Environmental Assessment students, a course that provides a more in-depth treatment of environmental regulation and policy from an applied perspective as opposed to a more theoretical political approach. This is a required course for the PSM-EA.

CHANGE: EVRN 740
NEW COURSE
Soil Science for Environmental Assessment (3)
Provides students with a solid understanding of soils in the environment, particularly as it relates to environmental assessment. Topics include soil geomorphology, soil physics/chemistry/biology, management of soils, and soil contaminants. Prerequisites: CHEM 130 or 190 recommended or consent of the instructor. 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

This new course will be first offered Fall 2014, and then every other fall semester thereafter.
The reasons given for this change are these:

JUSTIFICATION:
This course is partly driven by changes in EVRN 538 (formerly Soil Chemistry and Physics), which was split into two new courses, EVRN 538, Soil Chemistry, and EVRN 635, Soil Physics. The Professional Science Masters in Environmental Assessment program at KU-Edwards needs a lecture-based course that integrates elements of several soils courses (Soil Geography, Soil Chemistry, Soil Physics, Soil Geomorphology) together in an applied course suitable for environmental professionals from a diversity of backgrounds and disciplines.

CHANGE: EVRN 750
NEW COURSE
Environmental Air Quality Assessment (3)
Addresses scientific, regulatory, and technical aspects of air quality monitoring, including pollutant formation and dispersion, pollution control, national emissions standards, and methods for monitoring pollutants and air quality. Prerequisites: CHEM 130 or 190 recommended or consent of the instructor. 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

This new course will be first offered Fall 2014, and then every other spring semester thereafter.

JUSTIFICATION:
The External Advisory Board of the Professional Science Masters in Environmental Assessment recommended at their last meeting in November 2013 that the PSM-EA program add a course in scientific, regulatory, and technical aspects of air quality monitoring to the PSM-EA curriculum.
GERMANIC LANGUAGES & LITERATURES

CHANGE: HOURS TITLE
GERM 753 Investigation and Conference: _____ (1-3)
(OLD) To be taken only in exceptional cases. Prerequisite: Permission of the instructor who will supervise the student's work is required. RSH

GERM 753 Investigation & Conference: _____ (1-6)
(NEW) To be taken only in exceptional cases. Prerequisite: Permission of the instructor who will supervise the student's work is required. RSH

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 Summer 2015 and the course will be offered every semester thereafter

JUSTIFICATION:
We would like to increase the possible number of hours up to 6 to better reflect the range of work students are doing in these courses, as well as the actual amount of faculty time that is being used. 6 hours seem to be the standard option for independent research hour courses in other departments as well. (Listed Summer 2015 as effective date, as that is the first semester it will appear that way in the Schedule of Classes)

CHANGE: COURSE HOURS TITLE
GERM 953 Investigation and Conference: _____ (1-3)
(OLD) To be taken only in exceptional cases. Permission of the instructor who will supervise the student's work is required. RSH

GERM 953 Investigation & Conference: _____ (1-6)
(NEW) To be taken only in exceptional cases. Permission of the instructor who will supervise the student's work is required. RSH

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 Summer 2015 and the course will be offered every semester thereafter

JUSTIFICATION:
We would like to increase the possible number of hours up to 6 to better reflect the range of work students are doing in these courses, as well as the actual amount of faculty time that is being used. 6 hours seem to be the standard option for independent research hour courses in other departments as well. (Listed Summer 2015 as effective date, as that is the first semester it will appear that way in the Schedule of Classes)

History of Art

CHANGE: NEW COURSE
HA 720 Asian Art: Theory and Method (3)
This course examines important methodologies and theories of the past and present employed in the field of Asian art history. Through critical reading of primary documents and secondary scholarship, students will gain historical perspective on and practical tools for research in the history of Asian art and visual culture. Prerequisite: Nine hours of History of Art or consent of instructor SEM.
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

Effective date: This course will first be offered Spring 2015 and every other year thereafter

JUSTIFICATION:
This course is specially designed for students following the East Asian art history track, who would benefit from study of the particular methods used in East Asian art history.

CHANGE: NEW COURSE
HA 760
Proseminar in Korean Art (3)
Intensive study of a selected topic in the visual arts of Korea; topics may focus on a particular genre, theme, historical period or group of artists, for example Buddhist painting and sculpture, Chosŏn period landscape and genre painting, ceramics and lacquerware or modern and contemporary art in North and South Korea. May be repeated for credit up to a maximum of 12 hours. Prerequisite: Consent of instructor. SEM.

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

This new course will be first offered Fall 2015, and then Every other fall semester thereafter.

JUSTIFICATION:
Korean Art is a major/new area in the Department of History of Art and we now have a faculty member prepared to offer the course. It will fulfill an elective and may be repeated for up to 12 hours given that the specific focus of this seminar will frequently change.

Regarding the RSRS requirement. This is not a program change. The Office of Graduate Studies gave approval that all HA graduate seminars would include instruction in RS2 and so this new course will also count as fulfilling RS2. We include language about this in our syllabi.

CHANGE: NEW COURSE
HA 995
Seminar in Korean Art: ___ (3)
Concentrated study of one particular genre, theme, historical period or group of artists. Readings will include primary and secondary language material in Korean, Japanese and/or Chinese including texts in classical forms of these languages. May be repeated for credit up to maximum of twelve hours. Prerequisite: Reading knowledge of Korean, Japanese or Chinese and consent of instructor. SEM.

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

This new course will be first offered Fall 2015, and then Every other Fall semester thereafter.

JUSTIFICATION:
Korean Art is a major/new area in the Department of History of Art and we now have a faculty member prepared to offer the course. It will fulfill an elective and may be repeated for up to 12 hours given that the specific focus of this seminar will frequently change.

Regarding the RSRS requirement. This is not a program change. Grad Studies gave approval that all HA graduate seminars would include instruction in RS2 and so this new course will also count as fulfilling RS2. We include language about this in our syllabi.
Political Science

Note: CGS/CAC recently approved new course, POLS 704, and reappears on the agenda as an informational item due to a correction to meet catalog requirements.

CHANGE: NEW COURSE DESCRIPTION CORRECTION PREREQUISITE
POLS 704 (NEW) POLS 704 Quantitative Methods Primer in Political Science (1)
Provides an introduction of basic quantitative methods in political science to prepare graduate students for the quantitative methods sequence in the Ph.D. program; basic statistics, statistical analysis techniques, and probability are explored. KU degree-seeking students should contact the Political Science Department to enroll in the course. Non-degree seeking and non-KU students may enroll in the course by signing up with KU Continuing Education. Graded on a satisfactory/unsatisfactory basis. Prerequisite: Permission of the instructor. WWW

Note: PUAD 825, recently approved by CAC, is pending POLS 825 “same as” curricular change that appears below.

CHANGE: COURSE DESCRIPTION TITLE
POLS 825 (OLD) Public Policy and Urban Administration (3)
An examination of policy development, implementation, and evaluation in the local government context. Various theories of the policy process and their application to municipal government are examined. (Same as PUAD 825) LEC

POLS 825 (NEW) Urban Policy and Administration (3)
This course explores the development, implementation and evaluation of public policy in the local government context. It examines a variety of policy tools used to address urban problems and applies theories of the policy process, intergovernmental relations, and institutions to municipal governance. (Same as PUAD 825) LEC

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: Required for the MPA degree as a core course.

The change(s) to this course will first take effect Fall 2014 and the course will be offered every year thereafter.

JUSTIFICATION:
We are just updating the language and course title to reflect recent changes in the discipline and to align with PUAD 825.

2. Degree Requirements for Approval/Motion to File

a. Changes to Existing Degree – Biology, PhD (Comp Exam)

(OLD) Current Examination Requirement:
All doctoral aspirants must prepare a dissertation proposal that follows the National Science Foundation Doctoral Dissertation Improvement Grant model. The dissertation proposal must be submitted to all members of the examination committee for review and approval at least 2 weeks before the examination.

(NEW) Proposed Examination Requirement:
All doctoral aspirants must prepare a dissertation proposal that follows the National Science Foundation Doctoral Dissertation Improvement Grant model. Students must provide the proposal to the dissertation advisor(s) and Research Advisory Committee in advance of scheduling the exam dates, and must acquire approval to take the comprehensive oral examination from

1. the dissertation advisor(s),
2. remaining Research Advisory Committee members, and
3. Graduate Program Committee. These individuals and committees will provide material feedback to the student within 2 weeks, which will be circulated to all concerned.

The change(s) to this program will first take effect Fall 2014 and first appear in the 2015-2016 academic catalog.

JUSTIFICATION:
Information was added to clarify the departmental requirements to graduate students who are preparing to take the Comprehensive Oral Examination.

b. Changes to Existing Degree – Environmental Studies, PSM (Required Courses)

(OLD) Current Courses Requirement:
Required courses for the concentration:
EVRN 616: Environmental Impact Assessment 3.0
EVRN 620: Environmental Politics and Policy 3.0
EVRN 538: Environmental Soil Physics and Chemicals 3.0
EVRN 611: Water Quality, Land Use, and Watershed Ecosystems (3.0)
12 credit hours total

(NEW) Proposed
Required courses for the concentration:
EVRN 616: Environmental Impact Assessment (3.0)
EVRN 721: Environmental Regulation and Policy (3.0)
Select two from:
   EVRN 611: Water Quality, Land Use, and Watershed Ecosystems (3.0)
   EVRN 740: Soil Science for Environmental Assessment (3) (new course being proposed)
   EVRN 750: Environmental Air Quality Assessment (3) (new course being proposed)
12 credit hours total

The change(s) to this program will first take effect Fall 2014

JUSTIFICATION:
These changes in the PSM-EA curriculum are being driven by recommendations from our External Advisory Board and changes to courses listed as requirements for the PSM-EA core. In November 2013, the External Advisory Board for the PSM-EA reviewed the curriculum and recommended that we add a course in air quality assessment. Coincident with that recommendation, they suggested that the list of four required science course be modified slightly to allow a student to choose two of three courses in the areas of soils, water, and air quality. This, they felt, recognized that students in the PSM-EA program come from diverse environmental backgrounds (e.g., environmental studies, geology, civil engineering, biology, etc.) and needed more options than originally established. The change from EVRN 620 to EVRN 721, as also detailed in that specific new course request, comes after reviewing the content of the course in the context of the curricular and professional needs of the typical PSM-EA student. Dr. Dorothy Daley (of EVRN/Political Science, who teaches EVRN 620) recommended that PSM-EA program develop a new course more closely focused on the professional needs of the Environmental Assessment students, a course that provides a more in-depth treatment of environmental regulation and policy from an applied perspective as opposed to a more theoretical political approach. Finally, the change in the soils course is driven partly by the recommendations of the External Advisory Board (see above) and by changes in EVRN 538 (formerly Soil Chemistry and Physics), which was split into two new courses, EVRN 538, Soil Chemistry, and EVRN 635, Soil Physics. The Professional Science Masters in Environmental Assessment program at KU-Edwards needs a lecture-based course that integrates elements of several soils courses (Soil Geography, Soil Chemistry, Soil Physics, and Soil Geomorphology) together in an applied course suitable for environmental professionals from a diversity of backgrounds and disciplines.

c. Changes to Existing Degree – French, PhD (Comp Exam)

(OLD) Current Oral Comprehensive Examination Requirements:
Written and oral comprehensive exams based on four reading lists. The PhD written comprehensives currently test four of the seven periods on the PhD reading list, as well as a supplemental list of readings based on the student’s chosen field of
specialization. The oral examination is comprehensive in scope, with a portion of the time allotted to the four reading lists and a discussion of topics related to the student’s dissertation area of interest.

**NEW) Proposed Oral Comprehensive Examination Requirements:**

In addition to the **general requirements for the Doctor of Philosophy**, a student must complete the following departmental requirements:

1. 24 hours of post-MA work (exclusive of dissertation hours). PhD students who did not receive their MA in French at KU must complete a total of 30 post MA hours, including*:

   - **FREN 704** Methods in French Language Instruction
   - **FREN 720** Introduction to Graduate Studies in French

   *PhD students who have taken equivalent courses for either or both of these requirements as part of their MA studies elsewhere may petition the department for a waiver of FREN 704 and/or FREN 720 to reduce the total required hours. To determine equivalency, the student must submit course materials from the previous institution. Students petitioning this requirement should first consult with the DGS.

2. 6 hours of graduate-level coursework outside the department (to be included in the required hours of PhD coursework) as an interdisciplinary minor field of concentration. Students may also apply these 6 hours of graduate-level coursework outside the department toward one of KU’s Graduate Certificates (e.g. African Studies, Women, Gender and Sexuality Studies, etc.).

3. During their last semester of coursework, PhD students must enroll in 3 hours of **FREN 995** Investigation and Conference, with the faculty member who typically will become the student’s dissertation director. These hours will count towards the 24 to 30 hours of post-MA coursework.

4. A successful written and oral comprehensive exam, which will be based on a portfolio containing the following items:

   a) The three reading lists, highlighting which works have already been read
   b) Prospectus draft and bibliography
   c) Website. The website will include a professional profile, a CV, and pedagogical materials
   d) A research paper that has been published or is publishable.

5. At least 1 year of teaching in the department

6. A successful dissertation defense

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

JUSTIFICATION:

Currently the academic catalog (2013-2014 or 2014-2015) does not mention the oral comprehensive exam requirements or process. The PhD written comprehensives currently test four of the seven periods on the PhD reading list, as well as a supplemental list of readings based on the student’s chosen field of specialization. The oral examination is comprehensive in scope, with a portion of the time allotted to the four reading lists and a discussion of topics related to the student’s dissertation area of interest.

As a department, we are seeking to have our PhD students involved in independent research earlier in their studies and to improve the time it takes for them to defend their dissertation prospectus. We are seeking to modify our PhD comprehensive examination format to place more emphasis on demonstrating the ability to conduct independent research and professional development, and less on rote exams based almost on general reading lists. It remains important that our students have broad training in all areas of French and Francophone studies, but broad coverage is already provided through our diverse graduate course offerings (in a typical two-year cycle, we try to have offerings in all seven fields of French and Francophone Studies) and is tested at the MA level. In the past, our PhD comprehensive exams were structured more like an extension of the MA exams, with the focus entirely backwards-looking. With these changes, we seek to redress this imbalance and provide an exam structure that places greater emphasis on preparation for the dissertation, as well as overall professional development. The exact timeline for the portfolio process will be described in greater detail in the department’s graduate student handbook.
d. Changes to Existing Degree – Germanic Languages & Literatures, PhD (Enrollment Requirements)

(Old) Current Enrollment Requirement:
In addition to the general requirements for the Doctor of Philosophy degree concerning research skills, the oral comprehensive examination, the dissertation, and the final examination, a student must meet the following specific departmental requirements:

1. Normally a minimum of 27 credit hours (excluding GERM 999 Doctoral Dissertation) beyond that required for the M.A.; for students in German Applied Linguistics, some of the courses may be taken outside of the department. Students in literature and culture and students in Germanic philology may choose a minor up to 9 credit hours of coursework outside the department in consultation with their advisor. This minor may consist of coursework combined with a project. The 9 hours of the minor are included in the required 27 credit hours.

Required Courses: One research seminar in the area of specialization; Approved elective courses in the area of specialization; Approved elective courses for the outside minor area (depending on specialization); Reading knowledge in one foreign language other than German. Prior to the portfolio evaluation an approved course in a foreign language for one semester or an equivalency exam must be completed.

2. Demonstrated reading knowledge in one foreign language other than German. Students specializing in medieval philology or older literature must select Latin as the second language for reading knowledge.

3. At least 1 semester of half-time teaching or the equivalent (normally GERM 800 is required concurrently with the first semester of teaching).

4. a) A portfolio evaluation in the third semester of study after successful completion of 18 credit hours of coursework. For a detailed description of portfolio content, see the Graduate Handbook. Upon passing the portfolio evaluation and fulfilling all degree requirements, students advance to the comprehensive examination in the fourth semester of their doctoral studies.

   b) A comprehensive written and oral examination in the fourth semester upon completion of all required coursework (27 credit hours in German Studies; for students in German Applied Linguistics and for students with a minor option, some of the courses will be taken outside of the department) and fulfillment of all degree requirements. The comprehensive examination consists of a 2-part written departmental preliminary examination based on the student’s submitted portfolio followed by an oral examination.

(New) Proposed Enrollment Requirement:
In addition to the general requirements for the Doctor of Philosophy degree concerning research skills, the oral comprehensive examination, the dissertation, and the final examination, a student must meet the following specific departmental requirements:

1. Normally a minimum of 27 credit hours (excluding GERM 999 Doctoral Dissertation) beyond that required for the M.A.; for students in German Applied Linguistics, some of the courses may be taken outside of the department. Students in literature and culture and students in Germanic philology may choose a minor up to 9 credit hours of coursework outside the department in consultation with their advisor. This minor may consist of coursework combined with a project. The 9 hours of the minor are included in the required 27 credit hours.

Required Courses: One research seminar in the area of specialization; Approved elective courses in the area of specialization; Approved elective courses for the outside minor area (depending on specialization). Reading knowledge in one foreign language other than German. Prior to the portfolio evaluation an approved course in a foreign language for one semester or an equivalency exam must be completed.

2. Demonstrated reading knowledge in one foreign language other than German. Students specializing in medieval philology or older literature must select Latin as the second language for reading knowledge.

2. At least 1 semester of half-time teaching or the equivalent (normally GERM 800 is required concurrently with the first semester of teaching).

3. a) A portfolio evaluation in the third semester of study after successful completion of 18 credit hours of coursework. For a detailed description of portfolio content, see the Graduate Handbook. Upon passing the portfolio evaluation and fulfilling all degree requirements, students advance to the comprehensive examination in the fourth semester of their doctoral studies.
b) A comprehensive written and oral examination in the fourth semester upon completion of all required coursework (27 credit hours in German Studies; for students in German Applied Linguistics and for students with a minor option, some of the courses will be taken outside of the department) and fulfillment of all degree requirements. The comprehensive examination consists of a 2-part written departmental preliminary examination based on the student’s submitted portfolio followed by an oral examination.

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

JUSTIFICATION:
Removing the language re: the foreign language requirement, since it is a part of RSRS and should be explained there instead. RSRS program change form submitted.

e. Changes to Existing Degree – Germanic Languages & Literatures, PhD (RSRS)

OLD) Current RSRS Requirement:
The university requires that every doctoral student have training in responsible scholarship and research skills pertinent to the field of research and appropriate to the doctoral level. This requirement must be met before taking the comprehensive oral exam.

For Germanic Languages and Literatures doctoral students, this requirement is met by the following:

GERM 700, GERM 702, GERM 800, GERM 855
Demonstrated reading knowledge of French and one other modern language, Latin or Greek

(NEW) Proposed RSRS Requirement:
The university requires that every doctoral student have training in responsible scholarship and research skills pertinent to the field of research and appropriate to the doctoral level. This requirement must be met before taking the comprehensive oral exam. For Germanic Languages and Literatures doctoral students, this requirement is met by the following:

GERM 700, GERM 702, GERM 800, GERM 855.
Demonstrated reading knowledge of French and one other modern language, Latin or Greek.*

*This requirement can be fulfilled by completing an approved course or by completing a proficiency examination. Language course may be taken in the summer. If that is not possible, a student may take the course during a Fall or Spring semester while also taking 2 three-credit hour graduate courses in German. Students specializing in medieval philology or older literature must select Latin as the second language for reading knowledge.

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

JUSTIFICATION:
Just providing further clarification regarding the foreign language part of the RSRS. These sentences are already in our handbook and were approved as part of our program requirements May of 2013, but we are adding it here so it may correctly appear in the catalog under RSRS.

f. Changes to Existing Degree – Public Affairs & Administration, PhD (Comp Exam)

(OLD) Current Examination Requirement:
To become a Ph.D. candidate, the student must complete a comprehensive oral examination. No student may attempt the comprehensive oral until he or she has satisfied requirements for the cognate field and passed the preliminary written examination in both the foundations and specialization fields. The doctoral coordinator certifies that the student has met these requirements.

(NEW) Proposed Examination Requirement:
Doctoral students are required to take two separate written exams: one to cover foundations and the other in their area of specialization. These two exams are referred to as the Comprehensive Written Examinations. These exams are each offered twice a year: once in early September and once in late January. The foundations and specialization exams are scheduled one week apart. Students may take the foundation exam and the specialization exam during the same exam period if the student
finishes the foundation courses and the specialization courses during the same fall or spring semester. In addition, an oral exam is required of each student.

**Foundations Exam**

Timing of the Foundations Exam: The foundations exam will be taken on the next available date after the student completes the foundations courses.

Exam Details: Students must ensure that they have met the requirements for this exam by ensuring that their PhD Summary spreadsheet is complete and up-to-date prior to taking exams. The foundations exam is an eight hour closed book exam with students allowed two pages of notes (see exam procedures section for more detail). Exams are drafted and graded by the members of the Doctoral Committee as honors, satisfactory or unsatisfactory. The SPAA Doctoral Director will notify each student of his or her exam results within two weeks. If an aspirant receives a grade of unsatisfactory, the comprehensive written examinations may be repeated but under no circumstances may a student take them more than twice.

**Specialization Exam**

Timing of the Specialization Exam: The specialization exam will be taken on the next available date after successful completion of specialization courses. It is not necessary to complete the cognate courses before taking this exam. Students must declare their area of specialization six months prior to taking the exams.

Exam Details: Students must ensure that they have met the requirements for this exam by ensuring that their PhD Summary spreadsheet is complete and up-to-date prior to taking exams. The specialization exam will consist of questions related to the student’s declared specialization. The specialization exam will be eight hours with students allowed two pages of notes (see procedures section for more detail). Exams are drafted and graded by the members of the Specialization Exam Committee as honors, satisfactory or unsatisfactory. The Specialization Exam committee is appointed by the Doctoral Coordinator and is comprised of two or three faculty members within the School who have expertise in the student’s chosen subfield. The SPAA Doctoral Director will notify each student of their exam results within two weeks. If an aspirant receives a grade of unsatisfactory, the comprehensive written examinations may be repeated but under no circumstances may a student take them more than twice.

**Comprehensive Oral Exam and Dissertation Proposal Timing of the Exam:**

Oral exams will be held after the completion of all coursework with a GPA of 3.0 or better, the PhD residency requirements, and within six months after successfully passing both written examinations (foundations and specialization). The student must satisfactorily complete the comprehensive oral examination and present a dissertation proposal in order to advance to candidacy, i.e. become a PhD candidate.

Exam Details: At the oral exam, students will present and defend their dissertation proposal (see policy on dissertation proposals) and will answer any questions remaining from the specialization exam. The exam is scheduled by the student with the assistance of the dissertation advisor and the graduate secretary.

**The change(s) to this program will first take effect Fall 2014**

**JUSTIFICATION:**
These changes are meant to clarify when students should be standing for their exams.

g. **Proposed New Degree – Classics Combined BA/MA (See Attachment 1)**

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**III. REPORT OF THE COMMITTEE ON UNDERGRADUATE STUDIES & ADVISING (CUSA)**

A. **Curricular Changes for Approval**
1. Curricular Changes for Approval/Motion to File

### AFRICAN and AFRICAN AMERICAN STUDIES

<table>
<thead>
<tr>
<th>CHANGE:</th>
<th>NEW REQUEST TO CROSSTLIST</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAAS 306 (OLD)</td>
<td>THE BLACK EXPERIENCE IN THE U.S. SINCE EMANCIPATION 3 H</td>
</tr>
<tr>
<td>AAAS 306 (NEW)</td>
<td>An interdisciplinary study of the history and culture of Black people in America from Reconstruction to the present. Topics covered include an analysis of Reconstruction, Black leaders, organizations and movements, the Harlem Renaissance, migration, and race relations. Demographic variables covered include socio-economic class, education, political persuasion, and influence by avant-garde cultural changes. LEC</td>
</tr>
<tr>
<td>AAAS 306 (NEW)</td>
<td>(Same as HIST 359) LEC</td>
</tr>
</tbody>
</table>

### BIOLOGY

<table>
<thead>
<tr>
<th>CHANGE:</th>
<th>PREREQUISITE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 652 (OLD)</td>
<td>COMPARATIVE ANIMAL BEHAVIOR 3 N</td>
</tr>
<tr>
<td>BIOL 652 (NEW)</td>
<td>A comparative analysis of behavior as an adaptive mechanism; emphasis on ontogenetic and evolutionary aspects of behavior. Prerequisite: BIOL 152 or BIOL 153, and PSYC 104, or consent of instructor.</td>
</tr>
<tr>
<td>BIOL 652 (NEW)</td>
<td>COMPARATIVE ANIMAL BEHAVIOR 3 N</td>
</tr>
<tr>
<td>BIOL 652 (NEW)</td>
<td>A comparative analysis of behavior as an adaptive mechanism; emphasis on ontogenetic and evolutionary aspects of behavior. Prerequisite: BIOL 152 or BIOL 153; and BIOL 412. Alternatively, BIOL 412 may be taken as a corequisite.</td>
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</table>

### CHEMISTRY

<table>
<thead>
<tr>
<th>CHANGE:</th>
<th>NEW COURSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 201 (OLD)</td>
<td>LABORATORY SAFETY IN THE CHEMICAL SCIENCES 1 U</td>
</tr>
<tr>
<td>CHEM 201 (NEW)</td>
<td>A course for undergraduate students focusing on chemical safety in modern laboratories. The course will feature practical instruction in lab safety, an introduction to safety resources, and group discussions centered around case studies. Required for all B.S. majors, and for all B.A. majors participating in undergraduate research. Students with credit in CHEM 201 may not take CHEM 701 for credit. Prerequisite: CHEM 135, CHEM 175, or CHEM 195. LEC</td>
</tr>
<tr>
<td>CHEM 390 (NEW)</td>
<td>TOPICS IN CHEMISTRY, HONORS: _____ 1-5 N</td>
</tr>
<tr>
<td>CHEM 390 (NEW)</td>
<td>A course on special topics in chemistry, given as the need arises. Course content applies and expands upon general chemistry concepts, such as chemical thermodynamics, kinetics, and bonding. In this course, students gain knowledge in a topic of contemporary interest in chemistry, are challenged to examine the experimental and theoretical basis of this knowledge, and consider the broader impacts of this knowledge outside the discipline. Course may be repeated for different topics. Prerequisite: CHEM 135, CHEM 175 or CHEM 195 and membership in the University Honors Program; or permission of instructor. Each section may have additional prerequisites to be determined by the instructor. LEC</td>
</tr>
<tr>
<td>CHEM 698 (OLD)</td>
<td>UNDERGRADUATE RESEARCH PROBLEMS 1-6 N</td>
</tr>
<tr>
<td>CHEM 698 (NEW)</td>
<td>May be repeated to accumulate a maximum of 10 credit hours. An undergraduate research course, in any of the fields of chemistry, consisting of either experimental work or the preparation of an extensive paper based on library investigation of a selected topic. A final report must be submitted to the department at the end of the semester. Open by permission of the department to those with at least 20 hours of chemistry. IND</td>
</tr>
<tr>
<td>CHEM 698 (NEW)</td>
<td>UNDERGRADUATE RESEARCH PROBLEMS 1-6 N</td>
</tr>
</tbody>
</table>
| CHEM 698 (NEW)          | May be repeated to accumulate a maximum of 10 credit hours. An undergraduate research course, in any of the fields of chemistry, consisting of experimental or theoretical work, or the preparation of an extensive paper based on library investigation of a selected topic. A final report must be submitted to the instructor at
the end of the semester. Prerequisite: CHEM 201, or CHEM 201 concurrently, or documentation of appropriate laboratory safety training. IND

CHANGE: PREREQUISITE
CHEM 699 UNDERGRADUATE HONORS RESEARCH 2-6 N
(OLD)
To be taken two semesters for a total of no more than 8 hours. An undergraduate research course, in any of the fields of chemistry. At the completion of the research, a written thesis, and an oral presentation will be required. Prerequisite: Admission to Chemistry Honors Program. IND Prerequisite:

CHANGE: PREREQUISITE
CHEM 699 UNDERGRADUATE HONORS RESEARCH 2-6 N
(NEW)
To be taken two semesters for a total of no more than 8 hours. An undergraduate research course, in any of the fields of chemistry. At the completion of the research, a written thesis, and an oral presentation will be required. Open to students in the Chemistry Honors Program. Prerequisite: CHEM 201, or CHEM 201 concurrently, or documentation of appropriate laboratory safety training. IND

DANCE

CHANGE: NEW COURSE
DANC 100 INTRODUCTION TO THE DANCE MAJOR 1.0 H
DANC 100 is a 6 week online course designed to identify what is unique about the KU Dance experience, and to introduce students to the requirements for a BA or BFA degree. The course examines issues of academic integrity, informs students about academic support available to them, familiarizes students with the expectations of a dance major and suggests career opportunities for dance majors. Students complete five modules: Getting Started, Programs and Degrees, Academic Integrity and Support, Expectations and Career Pathways to provide a foundation for academic success in the major.

ECONOMICS

CHANGE: NEW COURSE
ECON 669 THE ECONOMICS OF FINANCIAL MARKETS 3 S
This course provides an introduction to the theory of finance and its use in the understanding of the economic role of financial markets. There are two central themes: the allocation of resources over time and the allocation of resources under uncertainty. Topics may include: household saving and investment, investment projects, valuation of financial assets, choice under uncertainty, portfolio choice, and capital asset pricing. Prerequisite: ECON 520 and Econ 526.

ENVIRONMENTAL STUDIES

CHANGE: NEW COURSE
EVRN 171 UNDERSTANDING KANSAS LANDSCAPES 1 N
An introduction to the research methods used by scholars in diverse fields, applied to environmental issues introduced in EVRN 170. Prerequisite: EVRN 170.

CHANGE: NEW COURSE
EVRN 172 KANSAS LANDSCAPE PROJECTS 1 N
Students participate in the design and execution of a simple research project focused on a local environmental topic. Prerequisites: EVRN 170, EVRN 171.

GEOGRAPHY

CHANGE: PREREQUISITE
ATMO 521 MICROCLIMATOLOGY 3 N
(OLD)
A study of climatic environments near the earth-atmosphere interface. Consideration of rural climates in relation to agriculture and urban climates as influenced by air pollution and other factors. Emphasis is on physical processes in the lower atmosphere, distribution of atmospheric variables, the surface energy budget and water balance.
Prerequisites: ATMO 105 and MATH 106 or MATH 121. (Same as GEOG 521) LEC

ATMO 521 MICROCLIMATOLOGY 3 N
(NEW)
A study of climatic environments near the earth-atmosphere interface. Consideration of rural climates in relation to agriculture and urban climates as influenced by air pollution and other factors. Emphasis is on physical processes in the lower atmosphere, distribution of atmospheric variables, the surface energy budget and water balance.
Prerequisites: ATMO 105 and MATH 121. (Same as GEOG 521) LEC

**CHANGE:**
**NEW COURSE**
**GEOG 110**
**GEOPOLITICS IN THE NEWS 3 S**
This course examines leading contemporary geopolitical events and processes through the lens of geography. It focuses on major political conflicts and struggles as they play out unevenly over space, contextualizing them within broader themes of neocolonialism, globalization, and the international system of nation-states. Emphasis is put on making issues commonly found in the media understandable to students by providing a relevant historical background and drawing comparisons among events.

**CHANGE:**
**PREREQUISITE**
**GEOG 521**
**MICROCLIMATOLOGY 3 N**
(OLD)
A study of climatic environments near the earth-atmosphere interface. Consideration of rural climates in relation to agriculture and urban climates as influenced by air pollution and other factors. Emphasis is on physical processes in the lower atmosphere, distribution of atmospheric variables, the surface energy budget and water balance.
Prerequisites: ATMO 105 and MATH 106 or MATH 121. (Same as ATMO 521) LEC

**GEOG 521**
**MICROCLIMATOLOGY 3 N**
(NEW)
A study of climatic environments near the earth-atmosphere interface. Consideration of rural climates in relation to agriculture and urban climates as influenced by air pollution and other factors. Emphasis is on physical processes in the lower atmosphere, distribution of atmospheric variables, the surface energy budget and water balance.
Prerequisites: ATMO 105 and MATH 121. (Same as ATMO 521) LEC

**CHANGE:**
**COURSE DESCRIPTION PREREQUISITE NUMBER**
**GEOG 554**
**GLOBALIZATION 3 S**
(OLD)
This course is designed to provide a broad overview of some major facets of the economic, political, and cultural dimensions of contemporary globalization, the process by which individual regions and nations have become progressively linked to, and structured by, the world-system of states and markets, and the cultural contradictions associated with this process. Prerequisite: Any course in a social science concerned with the historical, economic, social, and political implications of a world system, such as international affairs or economics.

**GEOG 354**
**GLOBALIZATION 3 S**
(NEW)
This course is designed to provide a broad overview of some major facets of the historical, economic, political, cultural, and geographical dimensions of contemporary globalization, the process by which individual regions and nations have become progressively linked to, and structured by, the world-system of states and markets, and the cultural contradictions associated with this process.

**CHANGE:**
**COURSE DESCRIPTION PREREQUISITE NUMBER**
**GEOG 572**
**POLITICAL GEOGRAPHY 3 S**
(OLD)
Acquaints students with the theories and methods of political geography. Topics include geographical studies of: states, nations, and nationalism; territories and territoriality; geopolitics; and elections. Case studies from various regions of the world are included with an emphasis on the developing world.
Prerequisite: GEOG 102 or consent of instructor.

**GEOG 373**
**POLITICAL GEOGRAPHY 3 S**
(NEW)
Political Geography is concerned with spatial dynamics of power. It concerns issues such as territory, boundaries, and identity as well as feminist, post-colonial, geopolitical, and environmental perspectives. This class will consider the development of this subfield, the role it has played in imperial expansion, and ways in which more recent critiques have shaped political geography to be a means of understanding different forms of power and its relationship to people and places. Prerequisite: GEOG 100 or GEOG 102 or equivalent or consent of instructor.

**GLOBAL AND INTERNATIONAL STUDIES**

**CHANGE:**
**NEW COURSE**
**GIST 320**
**LOVE, SEX & MARRIAGE IN INDIA 3 H**
This course addresses diverse aspects of the philosophies and expressions of intimacy and pleasure as found in India. Using old and new literature, including from the Kamasutra, as well as media, we examine the following: how and why in ancient times sensual pleasure was another path for ultimate bliss; how
perspectives and traditions of intimacy have changed over time; diverse types of marriages; the culture and practice of arranged marriages; same-sex intimacy; and universal concepts of love.

CHANGE: NEW COURSE
GIST 325 PEOPLES & CULTURES OF SOUTH ASIA 3 S
This course provides an introduction to the diversity of peoples in South Asia, including India, Pakistan, Nepal, Bangladesh and Bhutan. The particular cultures and language of the indigenous peoples in the region are highlighted through academic sources and the direct study of reproductions of these cultures in literature and film.

HISTORY

CHANGE: NEW CROSS-LISTED COURSE
HIST 359 THE BLACK EXPERIENCE U.S. SINCE EMANCIPATION 3 H
An interdisciplinary study of the history and culture of Black people in America from Reconstruction to the present. Topics covered include an analysis of Reconstruction, Black leaders, organizations and movements, the Harlem Renaissance, migration, and race relations. Demographic variables covered include socio-economic class, education, political persuasion, and influence by avant-garde culture changes. (Same as AAAS 306) LEC

CHANGE: NEW COURSE
HIST 395 HISTORY OF SUSHI 3 H
Sushi, now served at Midwestern supermarkets and university cafeterias, reveals the transformation of an ancient Japanese dish into a global phenomenon. This course takes familiar Japanese dishes like sushi and ramen as starting points to ask how food accretes or sheds national characteristics in an age of globalization. To learn the origin of sushi and ramen, the class traces the evolution of the diet in the context of the development of Japanese civilization. Using the methodology of food history, course assignments include short research papers on Japanese foodstuffs; analyses of primary sources from statistics to comic books to movies; and short essays drawing from participant observation of Japanese foods now available locally.

CHANGE: NEW COURSE
HIST 585 BEER, SAKE, TEA-BEVERAGES IN JAPANESE HISTORY 3 H
Sake and tea are synonymous with Japan today, but the history of beverages from water to whiskey illuminates key developments in Japanese civilization. This course makes a thematic survey of Japanese beverages introducing the place of drinks in global history before examining their distinct context in Japan. Topics include the ritual consumption of beverages as in the tea ceremony; the place of alcohol in Japanese culture; locales for consuming beverages such as bars, teahouses and coffee shops; and the Westernization of taste preferences as characterized by the introduction of beer and wine. By taking this course, students gain insight into ways that beverages contribute to Japanese culture and help shape personal and national identity. Prerequisite: Successful completion of an East Asian history or culture course number below 500 or permission of the instructor.

HISTORY OF ART

CHANGE: NEW COURSE
HA 361 BUDDHIST ART OF KOREA 3 H
Introduction to the history of Buddhist temple buildings, paintings, sculptures and illuminated hand-scrolls in Korea from the 4th through the 19th centuries, with special emphasis on their stylistic, geographical, social, devotional and literary contexts. Current theories and controversies pertinent to the history and study of Korean Buddhist art are also addressed. Not open to students who have taken HA 561 or REL 511. Work requirements will be greater for students enrolled at the 500 level than at the 300 level. Prerequisite: A college level introduction to Asian art history, or consent of instructor. LEC

CHANGE: NEW COURSE
HA 362 CERAMICS OF KOREA 3 H
A survey covering the history of Korean ceramics from prehistoric times through the early modern period, with special emphasis on their stylistic, geographical, social and political context. Topics include celadon-glazed, stamped and slip-decorated stoneware, Korean ceramics related to the Japanese tea ceremony and Mingei pottery. Not open to students who have taken HA 562. Work requirements will be greater for
students enrolled at the 500 level than at the 300 level. Prerequisite: A college level introduction to Asian art history, or consent of instructor. LEC

CHANGE: NEW CROSS-LISTED COURSE
HA 561 BUDDHIST ART OF KOREA 3 H
Introduction to the history of Buddhist temple buildings, paintings, sculptures and illuminated hand-scrolls in Korea from the 4th through the 19th centuries, with special emphasis on their stylistic, geographical, social, devotional and literary contexts. Current theories and controversies pertinent to the history and study of Korean Buddhist art are also addressed. Not open to students who have taken HA 361. Work requirements will be greater for students enrolled at the 500 level than at the 300 level. Prerequisite: A college level introduction to Asian art history, or consent of instructor. (Same as REL 511) LEC

CHANGE: NEW COURSE
HA 562 CERAMICS OF KOREA 3 H
A survey covering the history of Korean ceramics from prehistoric times through the early modern period, with special emphasis on their stylistic, geographical, social and political context. Topics include celadon-glazed, stamped and slip-decorated stoneware, Korean ceramics related to the Japanese tea ceremony and Mingei pottery. Not open to students who have taken HA 362. Work requirements will be greater for students enrolled at the 500 level than at the 300 level. Prerequisite: A college level introduction to Asian art history, or consent of instructor. LEC

HONORS

CHANGE: NEW COURSE
HNRS 370 PERSONAL WRITING SEMINAR 1 U
This seminar helps students develop their personal writing abilities. Students analyze language and rhetorical choices in the genre of the personal essay. Students demonstrate rhetorical flexibility within the genre, considering audience, purpose, and application of the material. Prerequisite: Permission of the University Honors Program.

CHANGE: NEW COURSE
HNRS 380 CRITICAL THINKING AND ADVOCACY SEMINAR 1 U
The focus of this class is on honing the two basic skills of critical thinking and advocacy. In this seminar, students develop a basic system for critical analysis that can be applied generally; test that critical analysis system in a series of practicums to develop the skills necessary to apply it; and develop a basic system for designing effective and ethical persuasive messages. Prerequisite: Permission of the University Honors Program.

HUMANITIES AND WESTERN CIVILIZATION

CHANGE: COURSE DESCRIPTION
HWC 114 WESTERN CIVILIZATION I--HONORS 03 H
(OLD) A program of study emphasizing the reading and discussion of some of the influential writings and ideas that have shaped the intellectual and cultural heritage of the Western world. Western Civilization I includes readings from the ancient, medieval, and early modern periods. Prerequisite: Membership in the University Honors Program or permission of the department. LEC

HWC 114 WESTERN CIVILIZATION I--HONORS 03 H
(NEW) A program of study using readings and writing to explore and understand the record of Western Civilization from the ancient world through the early modern period. This is a writing intensive and writing instructive course designed to expand critical thinking and global awareness through the medium of composition practice. Prerequisite: Membership in the University Honors Program or permission of the department.

CHANGE: COURSE DESCRIPTION PREREQUISITE
HWC 204 WESTERN CIVILIZATION I 03 H
(OLD) A program of study emphasizing the reading and discussion of some of the influential writings and ideas that have shaped the intellectual and cultural heritage of the Western world. Western Civilization I includes readings from the ancient, medieval, and early modern periods. Prerequisite: Not open to freshmen except members of the University Honors Program. LEC Prerequisite:

HWC 204 WESTERN CIVILIZATION I 03 H
A program of study using readings and writing to explore and understand the record of Western Civilization from the ancient world through the early modern period. This is a writing intensive and writing intensive course designed to expand critical thinking and global awareness through the medium of composition practice. (LEC)

CHANGE: PREREQUISITE
HWC 205 WESTERN CIVILIZATION II 03 H

(OLD) A program of study emphasizing the reading and discussion of some of the influential writings and ideas that have shaped the intellectual and cultural heritage of the Western world. Western Civilization II includes readings from the modern period. Prerequisite: Not open to freshmen except members of the University Honors Program. LEC

HWC 205 WESTERN CIVILIZATION II 03 H

(NEW) A program of study emphasizing the reading and discussion of some of the influential writings and ideas that have shaped the intellectual and cultural heritage of the Western world. Western Civilization II includes readings from the modern period. LEC

POLITICAL SCIENCE

CHANGE: DESCRIPTION
POLS 102 INTRODUCTION TO POLITICAL SCIENCE AS A CAREER 1.0 S

(OLD) Provides an overview of the discipline of political science; emphasizes developing an understanding of opportunities in political science at the University of Kansas and careers with a political science degree. Major sub-fields within the discipline are discussed as well as the benefits of particular tracks within the departmental coursework. The course helps students plan their goals for their education and match those goals to career goals. KU-degree-seeking students should contact the Political Science Department to enroll in the course. Non-degree-seeking and non-KU students may enroll in the course by signing up with KU Continuing Education. Graded on a satisfactory/unsatisfactory basis.

POLS 102 INTRODUCTION TO POLITICAL SCIENCE AS A CAREER 1.0 S

(NEW) Provides an overview of the discipline of political science; emphasizes developing an understanding of opportunities in political science at the University of Kansas and careers with a political science degree. Major sub-fields within the discipline are discussed as well as the benefits of particular tracks within the departmental coursework. The course helps students plan their goals for their education and match those goals to career goals. Enrollment by permission of the instructor only. Graded on a satisfactory/unsatisfactory basis.

PUBLIC AFFAIRS AND ADMINISTRATION

CHANGE: NEW COURSE
PUAD 607 INTRODUCTION TO PROJECT MANAGEMENT 3 H

An exploration of the technical aspects of project management and the human aspects of project leadership. The course integrates conceptual approaches with practical applications of knowledge and skill sets. The course addresses the Project Management Body of Knowledge (PMBOK—as created by the Project Management Institute) and project leadership competencies including leading, communicating, negotiating, problem solving, and influencing. Prerequisite: Junior standing. LEC

RELIGIOUS STUDIES

CHANGE: NEW CROSS-LISTED COURSE
REL 511 BUDDHIST ART OF KOREA 3 H

Introduction to the history of Buddhist architecture, painting, sculpture and illuminated scriptures in Korea from the 4th through the 19th centuries, with particular emphasis on their stylistic, geographical, social, devotional and literary contexts. Not open to students who have taken HA 361 or HA 561. Work requirements will be greater for graduate students. Prerequisite: A college level introduction to Asian art history, or consent of instructor. (Same as HA 561) LEC

RUSSIAN, EASTERN EUROPEAN, AND EURASIAN STUDIES

CHANGE: NEW COURSE
SLAV 379 TOPICS IN: ___ 1-3 H
Exploration of Slavic cultural forms such as literature, film, linguistics, arts, and press. Topics vary, and course may address topics across a narrow or broad time frame. May be repeated if content varies.

**VISUAL ART**

<table>
<thead>
<tr>
<th>CHANGE:</th>
<th>COURSE DESCRIPTION</th>
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<tbody>
<tr>
<td>SCUL 349 (OLD)</td>
<td>METAL AND GLASS CASTING 3 U</td>
</tr>
<tr>
<td>SCUL 349 (NEW)</td>
<td>METALS AND GLASS CASTING 3 U</td>
</tr>
</tbody>
</table>

A course in foundry techniques as related to sculpture. Both traditional and experimental procedures for casting bronze, aluminum, and iron sculpture will be explored.

<table>
<thead>
<tr>
<th>CHANGE:</th>
<th>NEW COURSE</th>
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</thead>
<tbody>
<tr>
<td>SCUL 549</td>
<td>METAL AND GLASS CASTING 3 U</td>
</tr>
</tbody>
</table>

A course in foundry techniques as related to sculpture. Both traditional and experimental procedures for casting bronze, aluminum, and iron sculpture are explored. This course is taught at the 300 and 500 levels, with additional assignments at the 500 level. Prerequisite: SCUL 253. LAB

May be repeated for credit. This course is taught at the 300 and 500 levels, with additional assignments at the 500-level. Prerequisite: SCUL 253. LAB

**B. Degree Requirements for Approval**

**a. Changes to Existing Major – BA/BGS Geography**

Change course number for GEOG 572 to GEOG 373. Human Studies. **Satisfied by:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 150</td>
<td>Environment, Culture, and Society</td>
</tr>
<tr>
<td>GEOG 352</td>
<td>Economic Geography</td>
</tr>
<tr>
<td>GEOG 370</td>
<td>Introduction to Cultural Geography</td>
</tr>
<tr>
<td>GEOG 371</td>
<td>Environmental Geopolitics</td>
</tr>
<tr>
<td>GEOG 375</td>
<td>Intermediate Human Geography</td>
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<td>GEOG 377</td>
<td>Urban Geography</td>
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<td>GEOG 379</td>
<td>Topics in Cultural Geography: _____</td>
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<tr>
<td>GEOG 510</td>
<td>Human Factors</td>
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<tr>
<td>GEOG 519</td>
<td>History of Cartography</td>
</tr>
<tr>
<td>GEOG 552</td>
<td>Topics in Urban/Economic Geography: _____</td>
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<tr>
<td>GEOG 556</td>
<td>Geography of the Energy Crisis</td>
</tr>
<tr>
<td>GEOG 557</td>
<td>Cities and Development</td>
</tr>
<tr>
<td>GEOG 570</td>
<td>Geography of American Indians</td>
</tr>
<tr>
<td>GEOG 571</td>
<td>Topics in Cultural Geography: _____</td>
</tr>
<tr>
<td>GEOG 572</td>
<td>GEOG 373 Political Geography</td>
</tr>
<tr>
<td>GEOG 576</td>
<td>Cultural Geography of the United States</td>
</tr>
<tr>
<td>GEOG 579</td>
<td>Geography of American Foodways</td>
</tr>
<tr>
<td>GEOG 601</td>
<td>Indigenous Peoples of the World</td>
</tr>
<tr>
<td>GEOG 670</td>
<td>Cultural Ecology</td>
</tr>
<tr>
<td>GEOG 710</td>
<td>Information Design</td>
</tr>
<tr>
<td>GEOG 719</td>
<td>Development of Geographic Thought</td>
</tr>
<tr>
<td>GEOG 751</td>
<td>Analysis of Regional Development</td>
</tr>
<tr>
<td>GEOG 752</td>
<td>Topics in Urban/Economic Geography: _____</td>
</tr>
<tr>
<td>GEOG 756</td>
<td>Energy Problems and the Economic-Physical Environment</td>
</tr>
<tr>
<td>GEOG 771</td>
<td>Topics in Cultural Geography: _____</td>
</tr>
<tr>
<td>GEOG 772</td>
<td>Problems in Political Geography</td>
</tr>
<tr>
<td>GEOG 773</td>
<td>Humanistic Geography</td>
</tr>
<tr>
<td>GEOG 775</td>
<td>Proseminar in Population Geography</td>
</tr>
</tbody>
</table>
JUSTIFICATION:
Proposed change to GEOG 572 course number requires a change in the list of Geography required elective hours.

b. Changes to Existing Major – BS Chemistry

i. General Option: Change to Existing Major – BS Chemistry – GENERAL OPTION

This change of major form is being submitted in conjunction with our proposal to require all B.S. Chemistry majors to take a one credit hour course on laboratory safety. For the General Chemistry option, this will increase the number of credit hours under “Chemistry Core Knowledge and Skills” from 46 to 47. The Chemistry required elective will correspondingly be reduced from 4 hours to 3 hours. Thus, the total number of required chemistry hours will remain at 50. Please note that the “Current requirements” below reflect changes to the current catalog description approved by CAC on 10 December 2013.

Current requirements for the B.S. Degree in Chemistry (General Chemistry Option):

Chemistry Prerequisite or Co-requisite Knowledge. Majors must complete courses as specified in each of the following areas. Majors are advised to take honors courses when eligible. These hours do not contribute to the minimum number of hours required for the major.

- Calculus I. Satisfied by MATH 121 or MATH 141.
- Calculus II. Satisfied by MATH 122 or MATH 142.
- Differential Equations. Satisfied by MATH 220 or MATH 320.
- Elementary Linear Algebra. Satisfied by MATH 290.
- General Physics I. Satisfied by PHSX 211 & PHSX 216, or PHSX 213.
- General Physics II. Satisfied by PHSX 212 & PHSX 236 or PHSX 214.
- Biochemistry. Satisfied by BIOL 600 or BIOL 636.

Chemistry Core Knowledge and Skills

Majors must complete courses as indicated in the following areas:

- Chemistry for the Chemical Sciences I. Satisfied by CHEM 170 or CHEM 130 or CHEM 190
- Chemistry for the Chemical Sciences II. Satisfied by CHEM 175 or CHEM 135 or CHEM 195
- Seminar I. Satisfied by CHEM 180.
- Organic Chemistry I (Lecture and Lab). Satisfied by CHEM 330 (CHEM 380) and CHEM 331.
- Organic Chemistry II (Lecture and Lab). Satisfied by CHEM 335 (CHEM 385) and CHEM 336.
- Physical Chemistry I (Lecture and Lab). Satisfied by CHEM 530 and CHEM 531.
- Physical Chemistry II (Lecture and Lab). Satisfied by CHEM 535 and CHEM 536.
- Analytical Chemistry (Lecture and Lab). Satisfied by CHEM 620 and CHEM 621.
- Instrumental Methods of Analysis (Lecture and Lab). Satisfied by CHEM 635 and CHEM 636.
- Systematic Inorganic Chemistry. Satisfied by CHEM 660.
- Advanced Inorganic Laboratory. Satisfied by CHEM 661.
- Seminar II. Satisfied by CHEM 695.

Chemistry Required Elective

Satisfied by CHEM 698 (or CHEM 699) or 700-level course.

New requirements for the B.S. Degree in Chemistry (General Chemistry Option)

Chemistry Prerequisite or Co-requisite Knowledge. Majors must complete courses as specified in each of the following areas. Majors are advised to take honors courses when eligible. These hours do not contribute to the minimum number of hours required for the major.

- Calculus I. Satisfied by MATH 121 or MATH 141.
• Calculus II. Satisfied by MATH 122 or MATH 142.
• Differential Equations. Satisfied by MATH 220 or MATH 320.
• Elementary Linear Algebra. Satisfied by MATH 290.
• General Physics I. Satisfied by PHSX 211 & PHSX 216, or PHSX 213.
• General Physics II. Satisfied by PHSX 212 & PHSX 236 or PHSX 214.
• Biochemistry. Satisfied by BIOL 600 or BIOL 636.

Chemistry Core Knowledge and Skills

Majors must complete courses as specified in each of the following areas:

- Chemistry for the Chemical Sciences I. Satisfied by CHEM 170 or CHEM 130 or CHEM 190
- Chemistry for the Chemical Sciences II. Satisfied by CHEM 175 or CHEM 135 or CHEM 195
- Seminar I. Satisfied by CHEM 180.
- Organic Chemistry I (Lecture and Lab). Satisfied by CHEM 330 (CHEM 380) and CHEM 331.
- Organic Chemistry II (Lecture and Lab). Satisfied by CHEM 335 (CHEM 385) and CHEM 336.
- Physical Chemistry I (Lecture and Lab). Satisfied by CHEM 530 and CHEM 531.
- Physical Chemistry II (Lecture and Lab). Satisfied by CHEM 535 and CHEM 536.
- **Laboratory Safety in the Chemical Sciences. Satisfied by CHEM 201**
- Analytical Chemistry (Lecture and Lab). Satisfied by CHEM 620 and CHEM 621.
- Instrumental Methods of Analysis (Lecture and Lab). Satisfied by CHEM 635 and CHEM 636.
- Systematic Inorganic Chemistry. Satisfied by CHEM 660.
- Advanced Inorganic Laboratory. Satisfied by CHEM 661.
- Seminar II. Satisfied by CHEM 695.

Chemistry Required Elective

Satisfied by CHEM 698 (or CHEM 699) or 700-level course.

JUSTIFICATION:
This change of major form is being submitted in conjunction with our proposal to require all B.S. Chemistry majors to take a one credit hour course on laboratory safety.

ii. Biological Option - Change to Existing Major – BS Chemistry – BIOLOGICAL OPTION

This change of major form is being submitted in conjunction with our proposal to require all B.S. Chemistry majors to take a one credit hour course on laboratory safety. For the Biological Chemistry Option, this will increase the number of credit hours under “Chemistry Core Knowledge and Skills” from 46 to 47. The Chemistry required elective will correspondingly be reduced from 4 hours to 3 hours. Thus, the total number of required Chemistry hours will remain at 50. Please note that the “Current requirements” below reflect changes to the current catalog description approved by CAC on 10 December 2013.

Current requirements for the B.S. Degree in Chemistry (Biological Chemistry Option):

Biological Chemistry Option

This option is available to students interested in the biological applications of chemistry. The curriculum is compatible with many pre-health-professions programs and prepares the student for graduate study or career opportunities.

Chemistry Prerequisite or Co-requisite Knowledge. Majors must complete courses as specified in each of the following areas. Majors are advised to take honors courses when eligible. These hours do not contribute to the minimum number of hours required for the major.

- Calculus I. Satisfied by MATH 121 or MATH 141.
- Calculus II. Satisfied by MATH 122 or MATH 142.
- Differential Equations. Satisfied by MATH 220 or MATH 320.
• Elementary Linear Algebra. Satisfied by MATH 290.
• General Physics I. Satisfied by PHSX 211 & PHSX 216, or PHSX 213.
• General Physics II. Satisfied by PHSX 212 & PHSX 236 or PHSX 214.

Chemistry Core Knowledge and Skills

Majors must complete courses as indicated in the following areas:

• Chemistry for the Chemical Sciences I. Satisfied by CHEM 170 or CHEM 130 or CHEM 190
• Chemistry for the Chemical Sciences II. Satisfied by CHEM 175 or CHEM 135 or CHEM 195
• Seminar I. Satisfied by CHEM 180.
• Organic Chemistry I (Lecture and Lab). Satisfied by CHEM 330 (CHEM 380) and CHEM 331.
• Organic Chemistry II (Lecture and Lab). Satisfied by CHEM 335 (CHEM 385) and CHEM 336.
• Physical Chemistry I (Lecture and Lab). Satisfied by CHEM 530 and CHEM 531.
• Physical Chemistry II (Lecture and Lab). Satisfied by CHEM 535 and CHEM 536.
• Analytical Chemistry (Lecture and Lab). Satisfied by CHEM 620 and CHEM 621.
• Instrumental Methods of Analysis (Lecture and Lab). Satisfied by CHEM 635 and CHEM 636.
• Systematic Inorganic Chemistry. Satisfied by CHEM 660.
• Advanced Inorganic Laboratory. Satisfied by CHEM 661.
• Seminar II. Satisfied by CHEM 695.

Chemistry Required Elective

Satisfied by CHEM 698 (or CHEM 699) or 700-level course.

Biological Chemistry Core Knowledge and Skills

• Principles of Molecular and Cellular Biology. Satisfied by BIOL 150.
• Biochemistry. Satisfied by BIOL 636 and BIOL 638.
• Biochemistry Laboratory. Satisfied by BIOL 637

Biological Chemistry Required Electives

Majors choosing this option should select 1 elective (3 hours) from BIOL 350, BIOL 400, or BIOL 416.

New requirements for the B.S. Degree in Chemistry (Biological Chemistry Option)

Biological Chemistry Option

This option is available to students interested in the biological applications of chemistry. The curriculum is compatible with many pre-health-professions programs and prepares the student for graduate study or career opportunities.

Chemistry Prerequisite or Co-requisite Knowledge. Majors must complete courses as specified in each of the following areas. Majors are advised to take honors courses when eligible. These hours do not contribute to the minimum number of hours required for the major.

• Calculus I. Satisfied by MATH 121 or MATH 141.
• Calculus II. Satisfied by MATH 122 or MATH 142.
• Differential Equations. Satisfied by MATH 220 or MATH 320.
• Elementary Linear Algebra. Satisfied by MATH 290.
• General Physics I. Satisfied by PHSX 211 & PHSX 216, or PHSX 213.
• General Physics II. Satisfied by PHSX 212 & PHSX 236 or PHSX 214.

Chemistry Core Knowledge and Skills

Majors must complete courses as indicated in the following areas:
- Chemistry for the Chemical Sciences I. Satisfied by CHEM 170 or CHEM 130 or CHEM 190
  - Chemistry for the Chemical Sciences II. Satisfied by CHEM 175 or CHEM 135 or CHEM 195
  - Seminar I. Satisfied by CHEM 180.
  - Organic Chemistry I (Lecture and Lab). Satisfied by CHEM 330 (CHEM 380) and CHEM 331.
  - Organic Chemistry II (Lecture and Lab). Satisfied by CHEM 335 (CHEM 385) and CHEM 336.
  - Physical Chemistry I (Lecture and Lab). Satisfied by CHEM 530 and CHEM 531.
  - Physical Chemistry II (Lecture and Lab). Satisfied by CHEM 535 and CHEM 536.
  - Laboratory Safety in the Chemical Sciences. Satisfied by CHEM 201
  - Analytical Chemistry (Lecture and Lab). Satisfied by CHEM 620 and CHEM 621.
  - Instrumental Methods of Analysis (Lecture and Lab). Satisfied by CHEM 635 and CHEM 636.
  - Systematic Inorganic Chemistry. Satisfied by CHEM 660.

- Advanced Inorganic Laboratory. Satisfied by CHEM 661.
- Seminar II. Satisfied by CHEM 695.

**Chemistry Required Elective**

Satisfied by CHEM 698 (or CHEM 699) or 700-level course.

**Biological Chemistry Core Knowledge and Skills**

- Principles of Molecular and Cellular Biology. Satisfied by BIOL 150.
- Biochemistry. Satisfied by BIOL 636 and BIOL 638.
- Biochemistry Laboratory. Satisfied by BIOL 637

**Biological Chemistry Required Electives**

Majors choosing this option should select 1 elective (3 hours) from BIOL 350, BIOL 400, or BIOL 416.

**JUSTIFICATION**

This change of major form is being submitted in conjunction with our proposal to require all B.S. Chemistry majors to take a one credit hour course on laboratory safety.

### iii. Chemical Physics Option: Change to Existing Major – BS Chemistry – CHEMICAL PHYSICS OPTION

This change of major form is being submitted in conjunction with our proposal to require all B.S. Chemistry majors to take a one credit hour course on laboratory safety. For the Chemical Physics option, this will increase the number of credit hours under “Chemistry Core Knowledge and Skills” from 46 to 47. *Please note that the “Current requirements” below reflect changes to the current catalog description approved by CAC on 10 December 2013. Please also note that the proposed changes include a correction to a typographical error, replacing the title “Chemistry Physics Knowledge and Skills” with “Chemical Physics Knowledge and Skills.”*

**Current requirements for the B.S. Degree in Chemistry (Chemical Physics Option):**

**Chemical Physics Option**

This option allows students to focus on the theoretical basis of chemistry. Students are prepared for graduate programs or employment.

**Chemistry Prerequisite or Co-requisite Knowledge.** Majors must complete courses as specified in each of the following areas. Majors are advised to take honors courses when eligible. These hours do not contribute to the minimum number of hours required for the major.

- Calculus I. Satisfied by MATH 121 or MATH 141.
- Calculus II. Satisfied by MATH 122 or MATH 142.
- Differential Equations. Satisfied by MATH 220 or MATH 320.
• Elementary Linear Algebra. Satisfied by MATH 290.
• General Physics I. Satisfied by PHSX 211 & PHSX 216, or PHSX 213.
• General Physics II. Satisfied by PHSX 212 & PHSX 236 or PHSX 214.
• Biochemistry. Satisfied by BIOL 600 or BIOL 636.

Chemistry Core Knowledge and Skills

Majors must complete courses as indicated in the following areas:

• Chemistry for the Chemical Sciences I. Satisfied by CHEM 170 or CHEM 130 or CHEM 190
• Chemistry for the Chemical Sciences II. Satisfied by CHEM 175 or CHEM 135 or CHEM 195
• Seminar I. Satisfied by CHEM 180.
• Organic Chemistry I (Lecture and Lab). Satisfied by CHEM 330 (CHEM 380) and CHEM 331.
• Organic Chemistry II (Lecture and Lab). Satisfied by CHEM 335 (CHEM 385) and CHEM 336.
• Physical Chemistry I (Lecture and Lab). Satisfied by CHEM 530 and CHEM 531.
• Physical Chemistry II (Lecture and Lab). Satisfied by CHEM 535 and CHEM 536.
• Analytical Chemistry (Lecture and Lab). Satisfied by CHEM 620 and CHEM 621.
• Instrumental Methods of Analysis (Lecture and Lab). Satisfied by CHEM 635 and CHEM 636.
• Systematic Inorganic Chemistry. Satisfied by CHEM 660.
• Advanced Inorganic Laboratory. Satisfied by CHEM 661.
• Seminar II. Satisfied by CHEM 695.

Chemistry Physics Core Knowledge and Skills

Majors must complete 2 courses from each of the following groups:

Group I. Satisfied by

• PHSX 313 General Physics III (3) N
• PHSX 316 Intermediate Physics Laboratory I (1) U (PHSX 313 and PHSX 316 should be taken concurrently)
• PHSX 518 Mathematical Physics (3) N
• PHSX 521 Mechanics I (3) N
• PHSX 615 Numerical and Computational Methods in Physics (3) N
• PHSX 623 Physics of Fluids (3) N
• PHSX 655 Optics (3) N
• PHSX 681 Concepts in Solids (3) N

Group II. Satisfied by

• PHSX 531 Electricity and Magnetism (3) N
• PHSX 621 Mechanics II (3) N
• MATH 646 Complex Variable and Applications (3) N
• MATH 647 Applied Partial Differential Equations (3) N
• CHEM 698 Undergraduate Research Problems
• CHEM 750 Quantum Chemistry and Spectroscopy (3)
• CHEM 752 Statistical Thermodynamics (3)

New requirements for the B.S. Degree in Chemistry (Chemical Physics Option)

Chemical Physics Option
This option allows students to focus on the theoretical basis of chemistry. Students are prepared for graduate programs or employment.

Chemistry Prerequisite or Co-requisite Knowledge. Majors must complete courses as specified in each of the following areas. Majors are advised to take honors courses when eligible. These hours do not contribute to the minimum number of hours required for the major.
• Calculus I. Satisfied by MATH 121 or MATH 141.
• Calculus II. Satisfied by MATH 122 or MATH 142.
• Differential Equations. Satisfied by MATH 220 or MATH 320.
• Elementary Linear Algebra. Satisfied by MATH 290.
• General Physics I. Satisfied by PHSX 211 & PHSX 216, or PHSX 213.
• General Physics II. Satisfied by PHSX 212 & PHSX 236 or PHSX 214.
• Biochemistry. Satisfied by BIOL 600 or BIOL 636.

Chemistry Core Knowledge and Skills

Majors must complete courses as indicated in the following areas:

• Chemistry for the Chemical Sciences I. Satisfied by CHEM 170 or CHEM 130 or CHEM 190
• Chemistry for the Chemical Sciences II. Satisfied by CHEM 175 or CHEM 135 or CHEM 195
• Seminar I. Satisfied by CHEM 180.
• Organic Chemistry I (Lecture and Lab). Satisfied by CHEM 330 (CHEM 380) and CHEM 331.
• Organic Chemistry II (Lecture and Lab). Satisfied by CHEM 335 (CHEM 385) and CHEM 336.
• Physical Chemistry I (Lecture and Lab). Satisfied by CHEM 530 and CHEM 531.
• Physical Chemistry II (Lecture and Lab). Satisfied by CHEM 535 and CHEM 536.

• Laboratory Safety in the Chemical Sciences. Satisfied by CHEM 201
• Analytical Chemistry (Lecture and Lab). Satisfied by CHEM 620 and CHEM 621.
• Instrumental Methods of Analysis (Lecture and Lab). Satisfied by CHEM 635 and CHEM 636.
• Systematic Inorganic Chemistry. Satisfied by CHEM 660.
• Advanced Inorganic Laboratory. Satisfied by CHEM 661.
• Seminar II. Satisfied by CHEM 695.

Chemical Physics Core Knowledge and Skills

Majors must complete 2 courses from each of the following groups:

**Group I.** Satisfied by

• PHSX 313 General Physics III (3) N
• PHSX 316 Intermediate Physics Laboratory I (1) U (PHSX 313 and PHSX 316 should be taken concurrently)
• PHSX 518 Mathematical Physics (3) N
• PHSX 521 Mechanics I (3) N
• PHSX 615 Numerical and Computational Methods in Physics (3) N
• PHSX 623 Physics of Fluids (3) N
• PHSX 655 Optics (3) N
• PHSX 681 Concepts in Solids (3) N

**Group II.** Satisfied by

• PHSX 531 Electricity and Magnetism (3) N
• PHSX 621 Mechanics II (3) N
• MATH 646 Complex Variable and Applications (3) N
• MATH 647 Applied Partial Differential Equations (3) N
• CHEM 698 Undergraduate Research Problems
• CHEM 750 Quantum Chemistry and Spectroscopy (3)
• CHEM 752 Statistical Thermodynamics (3)

**JUSTIFICATION**

This change of major form is being submitted in conjunction with our proposal to require all B.S. Chemistry majors to take a one credit hour course on laboratory safety.
iv. Environmental Option: Change to Existing Major – BS Chemistry – ENVIRONMENTAL OPTION

This change of major form is being submitted in conjunction with our proposal to require all B.S. Chemistry majors to take a one credit hour course on laboratory safety. For the Environmental Chemistry option, this will increase the number of credit hours under “Chemistry Core Knowledge and Skills” from 44 to 45. Please note that the “Current requirements” below reflect changes to the current catalog description approved by CAC on 10 December 2013.

Current requirements for the B.S. Degree in Chemistry (Environmental Chemistry Option):

Environmental Chemistry Option

This option allows students to focus on environmental issues and to understand how chemistry may be applied to environmental problems. Students are prepared for graduate programs or employment.

Chemistry Prerequisite or Co-requisite Knowledge. Majors must complete courses as specified in each of the following areas. Majors are advised to take honors courses when eligible. These hours do not contribute to the minimum number of hours required for the major.

- Calculus I. Satisfied by MATH 121 or MATH 141.
- Calculus II. Satisfied by MATH 122 or MATH 142.
- Differential Equations. Satisfied by MATH 220 or MATH 320.
- Elementary Linear Algebra. Satisfied by MATH 290.
- General Physics I. Satisfied by PHSX 211 & PHSX 216, or PHSX 213.
- General Physics II. Satisfied by PHSX 212 & PHSX 236 or PHSX 214.

Chemistry Core Knowledge and Skills

Majors must complete courses as indicated in the following areas:

- Chemistry for the Chemical Sciences I. Satisfied by CHEM 170 or CHEM 130 or CHEM 190.
- Chemistry for the Chemical Sciences II. Satisfied by CHEM 175 or CHEM 135 or CHEM 195.
- Seminar I. Satisfied by CHEM 180.
- Organic Chemistry I (Lecture and Lab). Satisfied by CHEM 330 (CHEM 380) and CHEM 331.
- Organic Chemistry II (Lecture and Lab). Satisfied by CHEM 335 (CHEM 385) and CHEM 336.
- Physical Chemistry I (Lecture and Lab). Satisfied by CHEM 530 and CHEM 531.
- Physical Chemistry II (Lecture and Lab). Satisfied by CHEM 535 and CHEM 536.
- Analytical Chemistry (Lecture and Lab). Satisfied by CHEM 620 and CHEM 621.
- Instrumental Methods of Analysis (Lecture and Lab). Satisfied by CHEM 635 and CHEM 636.
- Systematic Inorganic Chemistry. Satisfied by CHEM 660.
- Seminar II. Satisfied by CHEM 695.

Majors choosing this option should select 2 electives (6 hours) from each of the following groups:

Environmental Chemistry Option Group I

- BIOL 100 Principles of Biology (3) or BIOL 150 Principles of Molecular and Cellular Biology (4)
- EVRN 148 Scientific Principles of Environmental Studies (3)
- GEOG 304 Environmental Conservation (3)
- GEOL 351 Environmental Geology (3)
- BIOL 400 Fundamentals of Microbiology (3)
- BIOL 600 Introductory Biochemistry, Lectures (4)
- BIOL 414 Principles of Ecology (3)
- ATMO 105 Introductory Meteorology (5)

Environmental Chemistry Option Group II
All 4 courses chosen from Groups I and II may not be in the same department or division.

**New requirements for the B.S. Degree in Chemistry (Environmental Chemistry Option)**

Environmental Chemistry Option

This option allows students to focus on environmental issues and to understand how chemistry may be applied to environmental problems. Students are prepared for graduate programs or employment.

**Chemistry Prerequisite or Co-requisite Knowledge.** Majors must complete courses as specified in each of the following areas. Majors are advised to take honors courses when eligible. These hours do not contribute to the minimum number of hours required for the major.

- Calculus I. Satisfied by MATH 121 or MATH 141.
- Calculus II. Satisfied by MATH 122 or MATH 142.
- Differential Equations. Satisfied by MATH 220 or MATH 320.
- Elementary Linear Algebra. Satisfied by MATH 290.
- General Physics I. Satisfied by PHSX 211 & PHSX 216, or PHSX 213.
- General Physics II. Satisfied by PHSX 212 & PHSX 236 or PHSX 214.

**Chemistry Core Knowledge and Skills**

Majors must complete courses as indicated in the following areas:

- Chemistry for the Chemical Sciences I. Satisfied by CHEM 170 or CHEM 130 or CHEM 190.
- Chemistry for the Chemical Sciences II. Satisfied by CHEM 175 or CHEM 135 or CHEM 195.
- Seminar I. Satisfied by CHEM 180.
- Organic Chemistry I (Lecture and Lab). Satisfied by CHEM 330 (CHEM 380) and CHEM 331.
- Organic Chemistry II (Lecture and Lab). Satisfied by CHEM 335 (CHEM 385) and CHEM 336.
- Physical Chemistry I (Lecture and Lab). Satisfied by CHEM 530 and CHEM 531.
- Physical Chemistry II (Lecture and Lab). Satisfied by CHEM 535 and CHEM 536.
- **Laboratory Safety in the Chemical Sciences. Satisfied by CHEM 201**
- Analytical Chemistry (Lecture and Lab). Satisfied by CHEM 620 and CHEM 621.
- Instrumental Methods of Analysis (Lecture and Lab). Satisfied by CHEM 635 and CHEM 636.
- Systematic Inorganic Chemistry. Satisfied by CHEM 660.
- Seminar II. Satisfied by CHEM 695.

Majors choosing this option should select 2 electives (6 hours) from each of the following groups:

**Environmental Chemistry Option Group I**

- BIOL 100 Principles of Biology (3) or
- BIOL 150 Principles of Molecular and Cellular Biology (4)
- EVRN 148 Scientific Principles of Environmental Studies (3)
- GEOG 304 Environmental Conservation (3)
- GEOL 351 Environmental Geology (3)
- BIOL 400 Fundamentals of Microbiology (3)
- BIOL 600 Introductory Biochemistry, Lectures (4)
- BIOL 414 Principles of Ecology (3)
- **ATMO 105** Introductory Meteorology (5)

### Environmental Chemistry Option Group II

- **BIOL 661** Ecology of Rivers and Lakes (with or without **BIOL 662** Aquatic Ecology Laboratory) (3-5)
- **CE 477** Introduction to Environmental Engineering and Science (3)
- **GEOL 552** Introduction to Hydrogeology (3)
- **ATMO 525** Air Pollution Meteorology (3)
- **EVRN 611** Water Quality, Land Use, and Watershed Ecosystems (3)
- **CHEM 698** Undergraduate Research Problems (3)

All 4 courses chosen from Groups I and II may not be in the same department or division

**JUSTIFICATION**

This change of major form is being submitted in conjunction with our proposal to require all B.S. Chemistry majors to take a one credit hour course on laboratory safety.

c. **Change to Existing Major – BS Atmospheric Science**

Requested changes:
1. remove COMS 330 from the communication requirement
2. add GEOG 358 to the prerequisite/co-requisite knowledge section of the degree.

1. **Remove COMS 330 as a requirement.**

**Current Requirement:**
Communication - Core Skills and Critical Inquiry. Satisfied by: Completing **COMS 330** and **COMS 130**, **COMS 131** (Honors), or **COMS 150**.

**New Requirement:**
Communication – Core Skills and Critical Inquiry. Satisfied by: Completing **COMS 130**, **COMS 131** (Honors), or **COMS 150**.

2. **Add GEOG 358 as a prerequisite/co-requisite.**

**Current Requirements:**
Majors must complete courses as specified in each of the following areas. Majors are advised to take honors courses when eligible. These hours do not contribute to the minimum number of hours required for the major.

- Computing and Programming. Satisfied by **EECS 138** (Fortran preferred; C++ and Matlab accepted).
- Scientific Principles of Environmental Studies. Satisfied by **EVRN 148**.
- Calculus I. Satisfied by **MATH 121** or **MATH 141** (or equivalent).
- Calculus II. Satisfied by **MATH 122** or **MATH 142** (or equivalent).
- General Physics I. Satisfied by **PHSX 211 & PHSX 216**, or **PHSX 213**.
- General Physics II. Satisfied by **PHSX 212 & PHSX 236**, or **PHSX 214**.
- Foundations of Chemistry I. Satisfied by **CHEM 130** or **CHEM 190**.
- Vector Calculus. Satisfied by **MATH 223** or **MATH 243**.
- Elementary Linear Algebra. Satisfied by **MATH 290** or **MATH 291**
- Applied Differential Equation. Satisfied by **MATH 320** or **MATH 220**.
- Statistics. Satisfied by **MATH 526** or **DSCI 202**.
- Numerical Methods. Satisfied by **MATH 581**.

**New Requirements:**
Add: Geographic Information Systems. Satisfied by GEOG 358.

**JUSTIFICATION:**
1. We decided that the additional course of COMS 330 is no longer necessary because the current requirements of COMS 130 or 150 and the two English courses satisfy the goals of the program. Dropping COMS 330 would be the most beneficial for the students.

2. GEOG 358 covers computer-based analysis of spatial data through problem-solving activities using spatial analytical techniques. It is a natural fit with the core classes of atmospheric science since much of the analysis is spatial (e.g., weather maps and climate data). Recent graduates who have taken this course as an elective gained experience and skills related to GIS software that were very attractive to employers and consequently had more job opportunities. This change was also encouraged by discussion at the last UCAR annual meeting that revealed more and more atmospheric science programs are incorporating GIS into their curriculum.

d. Changes to Existing Physics & Astronomy Departmental Honors requirement

**Departmental Honors: current set of rules**

A student who plans to graduate with honors must file a *Declaration of Intent Form* with the Departmental Honors Coordinator, preferably during his/her junior year but in any case no later than enrollment for the final undergraduate semester. All of our department’s honors requirements include student research, for which results shall be presented in written form and accepted by three members of the Department faculty. Additional requirements specific to each degree are:

**Astronomy:** Qualified students earning either a B.A. or a B.S. degree in the College of Liberal Arts and Sciences with a major in astronomy may graduate with Honors in Astronomy by fulfilling the following requirements: (1) By the end of the candidate's final semester, achieve a minimum GPA of 3.25 overall and 3.5 in the major, in all courses taken in residence and elsewhere; (2) Complete at least 24 semester hours of astronomy and physics courses numbered 500 or above, including undergraduate research represented by 4 hours of credit in ASTR 596, 597, PHSX 500 or PHSX 501. A grade of B or better must be earned in ASTR 596, 597, PHSX 500, or 501.

**Physics:** Qualified students earning either a B.A. or a B.S. degree in the College of Liberal Arts and Sciences with a major in physics may graduate with Honors in Physics by fulfilling the following requirements: (1) By the end of the candidate's final semester achieve a minimum GPA of 3.25 overall and 3.5 in the major, in all courses taken in residence and elsewhere; (2) Complete at least 24 semester hours of physics courses numbered 500 or above and undergraduate research represented by 4 hours of credit in PHSX 500, Special Problems, or PHSX 501, Honors Research. A grade of B or better must be earned in PHSX 500 or 501.

**Departmental Honors: Proposed changes (approved March 8, 2014 by Dept. Assembly)**

A student who plans to graduate with honors in physics and astronomy must file a *Declaration of Intent Form* with the Departmental Honors Coordinator, preferably during his/her junior year but in any case no later than enrollment for the final undergraduate semester. All of our department’s honors requirements include student research, for which results shall be presented in at least one of the following forms:

a) a written research summary, read by 3 faculty members in physics and astronomy or related fields or authorship on a peer-reviewed manuscript
b) a research-based oral presentation at an appropriate venue (e.g., Undergraduate Research symposium, a presentation in an advanced department seminar class, a discipline specific meeting)
c) presentation of a poster at an appropriate venue.

Additional requirements are:

Qualified students earning either a B.A. or a B.S. degree in the College of Liberal Arts and Sciences with a major in astronomy or physics may graduate with Honors in Physics & Astronomy by fulfilling the following requirements: (1) By the end of the candidate's final semester, achieve a minimum GPA of 3.25 overall and 3.5 in the major, in all courses taken in residence and elsewhere; (2) Complete at least 24 semester hours of astronomy and physics courses numbered 500 or above, including undergraduate research represented by two hours of credit in ASTR 597, ASTR 503, PHSX 501 or PHSX 503. A grade of B or better must be earned in one of the following: ASTR 597, ASTR 503, PHSX 501 or PHSX 503.

e. Changes to Existing Minor – Linguistics and addition of a new track
PROPOSAL FOR A NEW TRACK WITHIN THE LINGUISTICS MINOR and a change to the existing minor to re-format so that there are two clear tracks – a general track, and second language acquisition track.

PROPOSED REQUIREMENTS
Linguistics Minor:

In addition to completion of Language Proficiency (4th level proficiency) in a second language, students must complete the following minor requirements: (See the chart of Foreign Languages offered at KU for world languages with KU course offerings through the proficiency level.)

LING 110/111 – 3
LING 305 – 3
LING 325 – 3

Students choosing the general option must also complete:
LING 106/107 -3
LING 312 - 3
One 3 hour junior/senior level LING elective (300+) chosen by the student in consultation with the linguistics advisor. - 3

Students choosing the second language acquisition option must also complete:
LING 343 – 3
LING 415 -3
One additional course (from the following advanced language list, or any other LING course numbered 300 or above: - 3)
SPAN 429  Spanish Phonetics
SPAN 520  Structure of Spanish
SPAN 570  Studies in Hispanic Linguistics
FREN 310  French Phonetics
SLAV 520  Russian Phonetics, Phonology, and Inflectional Morphology
SLAV 522  The Grammatical Categorization of Russian: Linguistic Units, Functions, and Meaning
EALC 570  The Structure of Japanese
EALC 572  The Structure of Chinese
AAAS 470  Introduction to the Languages of Africa
LAA 575  Structure of Kaqchikel Maya

Minor Hours & GPA
While completing all required courses, minors must also meet each of the following hour and grade point average minimum standards:

Minor Hours
Satisfied by 18 hours of minor courses.

Minor Hours in Residence
Satisfied by a minimum of 12 hours of junior/senior (300+) hours of KU resident credit in the minor.

Minor Junior/Senior Hours
Satisfied by a minimum of 12 hours from junior/senior courses (300+) in the minor. (Students who choose the second language acquisition track will complete 15 hours from junior/senior courses in the minor, but will complete the same number of total minor hours.)

Minor Graduation GPA
Satisfied by a minimum of a 2.0 GPA in all departmental courses in the minor. GPA calculations include all departmental courses in the field of study including Fs and repeated courses. See the Semester/Cumulative GPA Calculator.

Current Minor Requirements:
Students selecting this option must complete a course in each of the following areas:

Linguistics Language Proficiency
Minors must meet Language Proficiency (4th level proficiency) in a second language. See the chart of Foreign Languages offered at KU for world languages with KU course offerings
through the proficiency level.

**Introductory Linguistics.** Satisfied by one of the following: (3) 3
LING 106    Introductory Linguistics
or LING 107    Introductory Linguistics, Honors 3

**Language & Mind.** Satisfied by: (3) 3
LING 110    Language and Mind

**Phonetics I.** Satisfied by: (3) 3
LING 305    Phonetics I

**Introduction to Phonology.** Satisfied by: (3) 3
LING 312    Introduction to Phonology

**Syntax.** Satisfied by: (3) 3
LING 325    Syntax I

**Linguistics Required Electives (3) 3**

Students selecting this minor must complete at least one junior/senior (300+) LING elective course, chosen by the student in consultation with the linguistics advisor.

**Minor Hours & GPA**
While completing all required courses, minors must also meet each of the following hour and grade point average minimum standards:

**Minor Hours**
Satisfied by 18 hours of minor courses.

**Minor Hours in Residence**
Satisfied by a minimum of 12 hours of junior/senior (300+) hours of KU resident credit in the minor.

**Minor Junior/Senior Hours**
Satisfied by a minimum of 12 hours from junior/senior courses (300+) in the minor.

**Minor Graduation GPA**
Satisfied by a minimum of a 2.0 GPA in all departmental courses in the minor. GPA calculations include all departmental courses in the field of study including Fs and repeated courses. See the Semester/Cumulative GPA Calculator.

**JUSTIFICATION:**
The study of Second Language Acquisition is a rapidly growing field. There is an increasing demand for language teachers (teachers of foreign languages as well as teachers of English as a foreign language) to have a background in Linguistics. This option within the Linguistics minor is specifically designed to prepare students with an interest in such jobs (both in Linguistics as well as in the Languages & Literatures departments).

f. **Changes to Existing Minor – Astrobiology**

**CHANGE TO EXISTING MINOR IN ASTROBIOLOGY**

**Astrobiology Minor Course Requirements**
Students selecting this minor must complete courses as specified in each of the following areas:

**Preparatory Coursework**
Calculus (3-5)
Satisfied by one of the following:

**MATH 124**    Calculus I (preferred) 3-5
or **MATH 115**    Calculus I
Satisfied by the following:

**CHEM 130**

**General Chemistry I** 5

**Minor Requirements**

Principles of Molecular and Cellular Biology (4)
Satisfied by the following:

**BIOL 150**

Principles of Molecular and Cellular Biology 4

Geology (3)
Satisfied by one of the following:

**GEOL 101**

The Way The Earth Works

**GEOL 105**

History of the Earth

**GEOL 121**

Prehistoric Life: DNA to Dinosaurs

Physical Astronomy, Honors (3)
Satisfied by the following:

**ASTR 391**

Physical Astronomy, Honors 3

Astrobiology Core (1-4)
Satisfied by one of the following: 1-4

**ASTR 394**

The Quest for Extraterrestrial Life (Core)

**ASTR 503**

Undergraduate Research

Astrobiology Required Electives (6)

Student selecting this minor must complete 6 credit hours of course work in astronomy, biology, chemistry, geology, or physics at the 300-level or higher and not in the student’s 6 major field.

**Minor Hours & Minor GPA**

While completing all required courses, minors must also meet each of the following hour and grade-point average minimum standards:

**Minor Hours**

Satisfied by a minimum of 19 hours of minor coursework.

**Minor Hours in Residence**

Satisfied by a minimum of 9 hours of KU resident credit in the minor.

**Minor Junior/Senior Hours**

Satisfied by a minimum of 12 hours from junior/senior courses (300+) in the minor.

**Minor Graduation GPA**

Satisfied by a minimum of a 2.0 KU GPA in courses in the minor. GPA calculations include all courses in the field of study including F’s and repeated courses. See the Semester/Cumulative GPA Calculator.

**Justification**

Present requirements include explicit coursework comprising 19 credits in Biology, Geology and Astronomy with some potential for coursework in chemistry or physics. 12 of these credits must be at junior/senior level, fulfilling the requirements for a CLAS minor. When we constructed this program in 2008, we noted that preparatory course work must be completed in calculus and introductory chemistry. Since these courses are explicitly included as pre-requisites for some of the required course work (calculus is required for **ASTR 391**, Chemistry is required prior to or concurrent with **BIOL 150**), this additional statement of an apparent requirement is redundant. Therefore we would like to remove the following: “Preparatory coursework should include calculus (MATH 121 or MATH 116, with MATH 121 preferred) and CHEM 184.

**g. New Minor in Indigenous Studies**

Administered by the Indigenous Studies program (ISP)

(Received approval 4/17 from SVP Rosen to proceed with full development and approval through CLAS governance.)
REQUIREMENTS
The Indigenous Studies minor will require 18 hours of Indigenous Studies courses, of which 12 must be in courses numbered 300 or above, with a 2.0 grade-point average.
One course taken at Haskell Indian Nations University is strongly recommended.
(Courses must have 30% or more content focused on indigenous peoples, and are approved by the ISP Executive Committee.)

ISP Minor approved courses include:
ANTH 379 / LAA 334 / LAA 634 Indigenous Traditions Latin Am
ANTH 410 Archaeological Myths & Realities
ANTH 501 Topics: Contemporary Central America & Mexico
ANTH 506 Ancient Amer Civilization: Mesoamerica
ANTH 508 Ancient Amer Civilization: Central Andes
ANTH 562 / LAA 302 / LAA 602 Mexamerica
ANTH 603 Shamanism Past and Present
ENGL 571 American Indian Literature
FMS 410 Race, Class & Gender Visual Culture
FMS 592 Documentary Film and Video
GEOG 370 Introduction to Cultural Geography
GEOG 395 Environmental Issues of: The Wakarusa Wetlands
GEOG 570 Geography of American Indians
GEOG 571 / LAA 602 Topics in Cultural Geography: Indigenous Latin American People & Lands
GEOG 571 Topics: Indigenous Cartographies
HIST 128 History of the US through Civil War
HIST 331 Atlantic Societies, 1450-1800
HIST 353 Indigenous Peoples of North America
ISP 101 / HWC 300 Intro Indigenous Nations Studies
ISP 305 / ENG 305 World Indigenous Literatures
ISP 330 / REL 330 Native American Religions
ISP 331 / REL 331 Native American Religions, Honors
ISP 335 / HWC 335 Introduction to Indigenous Studies
ISP 350/HIST 352/HWC 350 American Indians Since 1865
ISP 490 / HWC 490 Roots of Federal Indian Policy
ISP 504 / EVRN 542 / ANTH 582 Ethnobotany
ISP 504 / GEOG 574 Exploring Oceania
ISP 504 / HIST 510 / HWC 500 Foodways: Latin America
ISP 504 / HIST 510 / HWC 500 Foodways: North America
ISP 504 / LING 575 Structure of Kiowa
ISP 530 Indigenous Food and Health
ISP 601/801 GEOG 601/801 Indigenous Peoples of the World
ISP 614 Decolonizing Narratives
LING 441 Field Methods Linguistic Description
LING 447: North American Indian Languages
LING 575 / LAA 602 Kaqchikel Maya I-IV
LING 575 / LAA 602 Quichua I-IV
POLS 684 / GIST 750 / GIST 501 International Law: State & Individual

Haskell courses taught through KU/Haskell Exchange program:
LA&S 110 Cherokee Language I
LA&S 120 Cherokee Language II
LA&S 204 Contemporary Issues American Indian
LA&S 206 Indian Law and Legislation
LA&S 208 Tribal/Federal Government Reltn
LA&S 230 Cherokee Language III
LA&S 240 Cherokee Language IV
LA&S 414 Ethnobiology
LA&S 450 Topics HINU Lakhota Language & Philosophy
JUSTIFICATION
The minor in Indigenous Studies is designed to provide students with a focused program of study of the events, laws, policies, and treaties that have defined the relationship between the United States and Indigenous Nations and Peoples. This knowledge is essential to analysis of a broad variety of historical, political, religious and social issues in the U.S. Such issues are of paramount importance to ensure the students a solid grounding in the histories and cultures of the indigenous peoples of North America, while allowing them to gain disciplinary knowledge in preparation for graduate study or immediate employment in fields such as government service, museum/archival work, etc.

Students and faculty in several departments in the College, including English, Anthropology, Religious Studies, Latin American Studies and Geography, have expressed interest in an Indigenous Studies minor. Consistently high enrollments in existing undergraduate Indigenous Studies courses are evidence of the demand. (ISP currently has a master’s degree program, including a joint degree program with the Law School).

h. Amended Changes to Communication Studies Major Admission Requirements

PROPOSED MAJOR ADMISSION REQUIREMENTS
Admission to the major
1. Students must have completed COMS 130, or COMS 131, or have satisfied exemption requirements. [DELETE COMS 230]
2. Students must have completed two of the following courses: COMS 210, COMS 232, COMS 238, COMS 244, COMS 246.
3. Students must have completed one of the following courses: COMS 230, COMS 235, COMS 330, COMS 331, COMS 342, COMS 307.

Grade-Point Average Requirements
Students must earn a minimum grade-point average of 2.75 or higher in COMS 130 and the courses designated for admission. Grades in other COMS courses are not considered for admission to the major. KU’s course repeat policy applies to grade-point average calculation.

Application Term
Students should apply to the major during the semester in which major admission criteria will be completed. This is normally no later than 60 hours, or for transferring students, normally during the initial term at KU. Application to this major after completion of 60 hours, or the initial KU term for transfer students, will likely delay graduation.

Amended Changes to the Communication Studies Major Requirements
In addition – we agreed to the following clarification language:

Under “prerequisite knowledge” –
Prerequisite Knowledge. Majors must complete a public speaking requirement as specified below. (Note – COMS 130 and COMS 131 do not contribute to the minimum number of hours required for the major.)

Speaker-Audience Communication. Satisfied by COMS 130 or COMS 131 or exemption. [DELETE COMS 230]

Under “Breadth of Discipline” and “Depth of Discipline” –
Communication Studies Core Knowledge and Skills. Majors select two concentrations of courses, one designated as primary and one as secondary. To complete the major, students must complete 33 credit hours, distributed as:

- Breadth of discipline (6 hours). All students choose two introductory classes from COMS 210, 232, 238, 244, and 246, one for their primary concentration and one for their secondary concentration. (Note – the secondary concentration courses must be chosen from the same concentration area for both the breadth and depth of discipline requirements)
  - COMS 210 Communication in Organizations is the introductory class for the Organizational Communication concentration.
  - COMS 232 The Rhetorical Tradition is the introductory class for the Rhetoric concentration.
  - COMS 238 Cases in Persuasion is the introductory class for the Political Communication/Social Influence concentration.
  - COMS 244 Introduction to Interpersonal Communication is one of the introductory classes for the Interpersonal/Intercultural concentration.
  - COMS 246 Introduction to Intercultural Communication is one of the introductory classes for the Interpersonal/Intercultural concentration.
Depth of discipline (12 hours). Coursework in upper-level electives emphasizes students’ primary concentration. Students may take as many as three courses (9 hours) of upper-level electives in their primary concentration. The fourth course should be taken in their secondary concentration. (Note – the secondary concentration courses must be chosen from the same concentration area for both the breadth and depth of discipline requirements)

JUSTIFICATION:
During the process of programming and implementation, it was discovered that it would be extremely difficult to advise on and to program for major admission requirements that differ by the student’s chosen sub-plan. Student Academic Services met with the chair, undergraduate coordinator, and academic advisor for Communication Studies to find alternate solutions, and department faculty subsequently reviewed and approved changes to the original proposal for major admission requirements. During the conversation it was also decided that some minor clarification language and course list changes to the original major requirements proposal were in order, so there are slight changes for approval for the major requirements also.

C. New Business for Approval

a. Recommended Policy Changes

i. Undergraduate Certificate Proposal

The CLAS undergraduate certificate program provides students with the opportunity to organize their elective courses in concentrated areas of expertise that develop the student’s interdisciplinary depth and breadth. Students may use the certificate program to add new skill sets, add depth and application to existing knowledge, explore minor options in various departments, and/or learn about various areas of interests from diverse disciplinary standpoints.

The certificate program offers departments across CLAS the opportunity to create certificates that attract students across the College to their courses while adding value to the existing degree majors and minors that the College offers. Moreover, students majoring within departments, and those seeking experiences in areas outside of their departments, have the opportunity to explore interdisciplinary approaches to scholarship and to increase the value of their degrees in the global marketplace by focusing on application of their skills.

We encourage departments proposing certificates to consider curricula to include: mastery of basic skill sets, applied practice, and general knowledge sets. Departments propose courses that complement and enhance their given curriculum in other areas of CLAS that help the students branch out to explore new ways of accessing, creating and applying knowledge in their desired professions.

Curriculum:

- Proposals must contain a thematic goal and clarification as to how that goal is completed through the curriculum. Departments are encouraged to emphasize how the theme/concept contributes to student’s post graduate work by illustrating the knowledge and/or skill sets that may be gained by completing the certificate.
- Minimum of 12 hours with no more than 14 required hours, exceptions to this credit range will be made on a case-by-case basis.
- 6 hours must be at the JR/SR level.
- All certificate coursework must be completed at KU. Students who complete certificate requirements at other institutions may only substitute one course only in the instance that the course is a direct transfer articulation equivalent to KU. Exceptions to this are reviewed by petition to CUSA and must contain departmental endorsement.
- Minimum 2.00 KU GPA in coursework which may apply to the certificate.
- At least two different CLAS departmental course prefixes must be represented in completed curriculum. Approval by CUSA is contingent upon demonstrated evidence of sufficient multi-disciplinary representation. Each department with included coursework must indicate their approval to have coursework included. Example: Theater proposes an arts management certificate that includes course options from WGS, AAAS, and AMS. All three departments approve the inclusion of their courses in the certificate. This can be done via email to the department chair with the full proposal of the certificate.
- One course may be taken from a Professional School.
- Proposed coursework will need to include a guarantee that course will be offered routinely.
ii. BGS: Proposal for Changes to the Bachelor of General Studies (BGS) Degree in the College

Introduction:

CUSA was asked to examine the Bachelor of General Studies (BGS) degree with departmental majors. Specifically, the goal was to identify the place of the BGS degree in the system of undergraduate degrees offered by the College and recommend future directions and academic standards for the BGS degree with a major. An additional goal was to examine how the BGS degree with majors supports the overall undergraduate educational mission of the College.

Background:

Historically, BGS degrees were developed across the US in the 1970s and 1980s as universities sought to engage with non-traditional students and provide a more flexible avenue for degree completion. There is little agreement on the specific qualities common to a BGS degree, and not all colleges and universities offer them; none of our peer institutions does. The inclusion of a major in KU’s BGS degree differentiates us from other institutions. In the context of KU, recent iterations of the BGS degree were justified as offering students more flexibility given the extensive demands of the General Education requirements. With the implementation of the KU Core, however, all CLAS students now have more flexibility, with even those pursuing the BA now having greater flexibility than was ever offered to BGS students. The implementation of the KU Core in particular requires that we reconsider the BGS and reshape it to best serve the population we believe most benefits from it.

With this in mind, over the last two years, CUSA has undertaken discussions of the scope, purpose, and place of the BGS degree amongst the other degrees offered by CLAS. The Bachelor of Science (BS) offers depth; the Bachelor of Arts (BA) balances breadth and depth. For the BGS to remain a distinct degree, CUSA believes that the BGS must emphasize breadth while maintaining the educational rigor that puts it on par with both the BA and BS.

In order to re-imagine the BGS within the new landscape created by the KU Core, CUSA undertook sizeable information-gathering tasks, with the support of Student Academic Services staff members, in an attempt to gather information regarding (a) the general profile of students typically pursuing the BGS degree and (b) the opinions and objectives of various stakeholders regarding the BGS degree (see attached data). CUSA’s ultimate goal was to revise the BGS degree in such a way that it best serves a particular student population and maintains credibility both at KU and for outside stakeholders.

We note that there is a small population of students who pursue a BGS because they are completing degrees in one of the professional schools and want also to pursue a major in the College. CUSA believes that we want to continue to encourage this activity, but that there are other ways to facilitate College Bachelor’s degrees for these students. The BGS requirements recommended below thus do not treat this special population.

CUSA identified several characteristics of a large proportion of BGS students based on the available data:

- The BGS degree accounts for at least 34% of the total undergraduate majors (min 0%, max 67%) for approximately 75% of CLAS departments.
- The majority of students who choose the BGS enter the workforce immediately after graduation, rather than pursuing graduate or professional school.
- Students often choose the BGS late in their careers at KU; many choose it as a way to graduate more quickly.
- Although students are drawn from a range of achievement levels and preparation, the average incoming test scores and KU GPA of BGS students are lower than those of BA and BS students.
- Half of the students who choose the BGS do so because they want to avoid the 4-semester BA language requirement.

Overall, CUSA believes that the current BGS degree requires substantial revision in order to meet the unique needs of students who typically pursue this degree at the University of Kansas. Specifically, it appears that the proper place of the BGS degree within the degrees offered by the College is one that (a) offers elements of both breadth (similar to BA degree) and depth (similar to BS degree), (b) preserves educational rigor valued by the College, and (c) specifically prepares students for the workforce with intellectual flexibility and expertise in a variety of areas.
Proposal:
CUSA proposes that the BGS is best suited to prepare students for the workforce with a variety of intellectual tools and skills. With this in mind, we recommend the following as requirement for the KU BGS degree with major:

1. Fulfillment of KU Core Requirements

JUSTIFICATION:
“The KU Core is designed to yield fundamental skills, build a broad background of knowledge, generate capacities and opportunities for blending and creating ideas, strengthen an appreciation of cultural and global diversity, and cultivate ethical integrity. The KU Core educational goals are integrated into all of the degrees and majors pursued by undergraduate students at the University of Kansas.” (KU Core Website)

2. Major
3. BGS Degree Specific Requirements
   a. Second focus area:
      i. 2nd major or degree; or
      ii. a minor

JUSTIFICATION:
While the BGS degree is primarily focused on breadth, CUSA does not want to sacrifice the depth opportunities available in other degree options. Therefore a second focus area is required for this degree. The second major or minor offers the depth desired making this degree a combination of a strong liberal arts education, but also providing students with the opportunity to further explore academic disciplines. CUSA feels that the second focus area will help prepare students for a wide variety of career paths after graduation from KU.

b. Oral and Written Communication:

Students must select one of the following course options: 1 additional KU Core Goal 2.1 (written communication) course beyond the KU Core 2.1 requirement.
   i. 1 additional KU Core Goal 2.2 (oral communication) course beyond the KU Core 2.2 requirement.
   ii. 1 non-English language course that focuses on written or oral communication beyond the KU Core 2.1 or 2.2 requirement.

JUSTIFICATION:
In the age of globalization and social media, it is important for students entering the workplace to have excellent oral and written communication skills. Given the likelihood of BGS students pursuing employment directly following graduation, CUSA believes that these students require written/oral communication preparation beyond the basic courses required by the KU Core. Specifically, we want BGS students to have adequate training in communication such that they are more likely to successfully adapt to the needs of an ever-changing employment environment.

c. Quantitative Literacy:

Students must pass an additional course beyond the KU Core Quantitative Literacy goal with a prerequisite of Math 101, or another course approved by CUSA (e.g. statistics, modeling).

JUSTIFICATION:
Basic quantitative literacy is essential for success beyond graduation, both on the job and off. This requirement follows the justification for the BA, which argued that basic quantitative skills are essential in the current economy, and that algebraic skills are the foundation for most other math courses such as statistics. The goal is to prepare KU college graduates for the social and economic demands of the 21st century. The importance of quantitative reasoning for all citizens will continue to grow in the future. We cannot predict the technology and the work environment that our students will face twenty or forty years from now. Even though manufacturing jobs once required no mathematical skills and provided a path for those not finishing high school, today, according to a recent NPR report, manufacturing workers need algebra and trigonometry. A recent report on quantitative literacy from the Mathematical Association of America noted that “sociologists draw inferences from data to understand human behavior; biologists
develop computer algorithms to map the human genome; factory supervisors use ‘six-sigma’ strategies to ensure quality control; entrepreneurs project markets and costs using computer spreadsheets; lawyers use statistical evidence and arguments involving probabilities to convince jurors.” To reach the necessary level of quantitative reasoning, one must first achieve competency in college algebra (Math 101). To understand and calculate with the formulas of statistics, for example, one needs significant experience with variables and their functional relationships.

d. Language and Culture:

Students may complete this requirement in one of three ways:

i. Two semesters of non-English language study (including ASL), or proof of two-semester proficiency in a language other than English.

ii. One semester of non-English language study (including ASL), or proof of one-semester proficiency in a language other than English; and one additional Goal 4.2 course beyond the KU Core; or

iii. Three additional Goal 4.2 courses beyond the KU Core 4.2 Requirement.

JUSTIFICATION:
Language study offers students a broad range of benefits, including enhancing their understanding of language structure (laying the foundation for other-language learning as well as improving native language skills), and exposing them to other-cultural thinking, both of which are especially important in an increasingly global economy. Participatory competency in non-English languages and cultures is ever more essential as the global community becomes increasingly central in our lives and requires that we interact with other cultures, economies, peoples, and nations. As the KU Core states, “participating in 21st century society means acquiring knowledge and understanding of the world beyond our immediate experience and culture,” “reexamine our own lives in a global context,” and “enabling [our students] to engage with the languages, cultures, customs, beliefs, and/or behaviors from the world’s various communities,” tasks which can best be accomplished with participatory knowledge of the non-English languages that drive those communities and cultures. Non English language capabilities and cultural knowledge are integral to the BGS and liberal education, the aims of which are to develop a citizenry broadly informed and capable of critical inquiry and appraisal, to provide fundamental knowledge and understanding of human complexities, to enable our students to communicate effectively in a global economy, and to ensure that they have the cross-cultural linguistic tools more and more necessary to succeed in an interconnected and multilingual world.

The BGS degree is intended to give graduates flexibility and choice in future career options. The requirement encourages student exposure to language study with the hope that they will choose to take full advantage of the benefits of KU’s diverse offerings in language.

e. Experiential Career Preparation:

Students must take an approved internship program, a service learning program offered through departments, or a career-focused course such as LA&S 492: The Job Search.

JUSTIFICATION:
Students with clear career paths who choose the BGS as well as those who come to the BGS late with no clear employment trajectory are both well-served by coursework or experiences geared to prepare them for the workplace. These courses all serve this goal in different ways.

f. Laboratory or field experience:

Students may complete this requirement in one of three ways:

i. a combined lecture-laboratory course;

ii. a credit-bearing laboratory course or field experience; or

iii. a credit-bearing independent study

JUSTIFICATION:
An understanding of experimentation and observation as the basis of scientific understanding is a critical component of basic scientific literacy. Successful laboratory courses or field experiences enable students to learn and implement experimental procedures to collect data and analyze these data to formulate scientific
understanding. Moreover, these experiences integrate thinking and introduce science as an active process. The goal of coursework in the sciences is not simply to learn specific content, but to develop empirical skills and understand the foundation on which scientific knowledge rests. Although lecture courses can successfully convey scientific information to students, laboratory and field experiences allow students to engage experimental and observational methods, presenting science as an active process. Consequently, these experiences play a unique role in advancing scientific literacy. The aim of the laboratory or field experience requirement is not solely to have students acquire specific skills in experimentation, observation, and data analysis but also to place the acquisition of scientific knowledge in a new, active context and develop a conceptual understanding of the experimental process and its central role in the sciences. The BGS degree is intended to give graduates the greatest flexibility and choice in future career. With this in mind, students should be familiar with a range of methods and approaches to knowledge. Consequently, while the new KU Core Curriculum does not have a specific laboratory requirement, the addition of this requirement for the BGS degree is in keeping with the spirit of this degree.

**Review of Degree**

While CUSA believes that these degree requirements would serve students, we also propose that CUSA conduct a formalized degree review within five academic years (completed by Spring 2020). This review would determine the degree’s ability to meet the learning outcomes stated above, and better ascertain the BGS degree’s place within the College’s undergraduate academic portfolio. CUSA suggests the following measures for review: an alumni survey determining job readiness, time to degree rates, and median declaration point for the BGS. The review would include a recommendation to the Dean of the College and College Academic Council for either:

1. Continuation of the BGS Degree with a major as-is
2. Modification of existing requirements
3. Discontinuance of the BGS Degree with a major

**iii. BGS amendment to the Original BGS Liberal Arts and Sciences World Language and Culture Requirement**

During discussions in CUSA regarding proposed changes to the BGS (major option) general education requirements, it was discovered that the text for the World Language and Culture requirement for the LA&S BGS option does not include wording that allows for satisfying the requirement by language proficiency – only by completing 2 courses with 3 credit hours or more each.

There is no documentation that indicates this was not the intent of the requirement, and it seems illogical not to allow for a proficiency option, so CUSA agreed to align the language in this requirement for the LA&S option with that of the proposed BGS major option as an amendment to the BGS in Liberal Arts and Sciences.

**World Language and Culture.**

- 2 courses (each with 3 credit hours or more) in a single world language, or proof of two-semester proficiency in a language other than English, **OR**

- the KU Core, Completion of 3 courses (each with 3 credit hours or more) in world, non-Western culture (W or NW designated courses), or language areas beyond the KU Core. This may include a variety of areas, languages, and cultures.

**iv. Readmission and Dismissal Policy (Readmission after Dismissal Policy)**

Undergraduate students who have been dismissed or meet the College’s policy for dismissal are subject to this policy if applying for readmission into the College of Liberal Arts and Sciences.

Upon readmission, the student must maintain at least a 2.50 semester GPA, every semester including summer, until reaching good academic status in order to be allowed to continue in the College of Liberal Arts and Sciences.

**First Dismissal**

Required time away: Students dismissed for the first time from the College of Liberal Arts and Sciences must wait at least one full Fall or Spring semester before returning to the University of Kansas. Summer session does not count as a full semester.
Required coursework: A dismissed student must demonstrate academic success by completing a minimum of six (6) hours of transferable academic course work at another higher education institution after dismissal from the College of Liberal Arts and Sciences.

Students must demonstrate completion of KU Core Goal 1.2 and 2.1 prior to being readmitted. This requirement is to ensure the student is in compliance with the College’s Early and Continuous Enrollment Policy. Students that have successfully completed these requirements are not encouraged or required to retake courses.

Students are responsible for verifying transfer coursework through the credit transfer process in Admissions.

Required GPA: Students must attain a GPA of 2.50 or better in all transferrable hours taken after dismissal. If a student repeats a course at the same institution, KU will honor the course repeat policy in effect at the institution issuing the transcript. If a student repeats a course taken at one institution with an approved equivalent course from another institution, both grades will be used to calculate the transfer admissions GPA.

Second Dismissal
Required time away: Students dismissed for the second time from The College of Liberal Arts and Sciences must wait at least one academic year before applying for readmission.

Required coursework: A dismissed student must demonstrate academic success by completing a minimum of twelve (12) hours of transferable academic course work at another higher education institution.

Students must demonstrate completion of KU Core Goal 1.2 and 2.1 prior to being readmitted. This requirement is to ensure the student is in compliance with the College’s Early and Continuous Enrollment Policy. Students that have successfully completed these requirements are not encouraged or required to retake courses.

Students are responsible for verifying transfer coursework through the credit transfer process in Admissions.

Required GPA: Students must attain a GPA of 2.50 or better in all transferrable hours taken after the second dismissal. If a student repeats a course at the same institution, KU will honor the course repeat policy in effect at the institution issuing the transcript. If a student repeats a course taken at one institution with an approved equivalent course from another institution, both grades will be used to calculate the transfer admissions GPA.

Third Dismissal
A third dismissal is final.