I. APPROVAL OF THE NOVEMBER 9, 2014 CAC MINUTES

II. REPORT OF THE COMMITTEE ON GRADUATE STUDIES (CGS)
   November 6 and 20, 2014 CGS Report
   Submitted by Cindy Lynn; presented by Alesia Woszidlo, 2014-2015 CGS Chair
   
   A. Curricular Changes for Approval
      NEW COURSES: COMS 811, GEOL 776, SLAV 754
      DELETIONS: GEOL 714
   
   B. Degree Requirements for Approval
      1. Changes to Existing Degree – Psychology, PhD
      2. New Graduate Certificate: SPAA, City and County Management – Attachment #1
      3. New Graduate Certificate: SPAA, Performance Management – Attachment #2
   
   C. Old Business for Approval
      “GINS” 883 “Same as LAW 987” holdover corrected in course catalog

III. REPORT OF THE COMMITTEE ON UNDERGRADUATE STUDIES AND ADVISING (CUSA)
   November 11 and 25, 2014 CUSA Report
   Submitted by Lanis Atwood; presented by Ruth Ann Atchley, 2014-2015 CUSA Chair
   
   A. Curricular Changes for Approval
      DELETIONS: BIOL 427, HA 369
   
   B. Degree Requirements for Approval
      1. Changes to Existing Major to BA/BGS Classical Antiquity AND BA/BGS Classical Languages
      2. Changes to Existing Major to BS Geology – Geophysics option
      3. Changes to Existing Major to BS Geology – Earth & Space Science Licensure
      4. Changes to Existing Major to BS Geology – General Geology
      5. Changes to Existing Major to BS Geology – Environmental Geology
      6. Changes to Existing Major to BS Geology – Engineering Geology
      7. Changes to Existing Major to BA & BGS History of Art
      8. Changes to Existing requirements for Departmental Honors in History of Art
      9. Changes to Existing Major to BFA History of Art
   
   C. New Business for Approval
      1. Proposal to consider BIOL155 as a lab/field experience course for the BA Degree Specific Requirements – Attachment #3
      2. Proposal to consider ANTH 462 as a lab/field experience course for the BA Degree Specific Requirements – Attachment #4

Next meeting of the CAC will be Tuesday, JANUARY 20, 2015, at 4:00 PM in 210 Strong Hall
I. APPROVAL OF THE NOVEMBER 11, 2014 CAC MINUTES

College of Liberal Arts & Sciences
College Academic Council
Minutes – November 11, 2014

Committee members in attendance: Giselle Anatole, David Brackett, Mohamed El-Hodiri, Adrian Finucane, Steve Ilardi, Dan Katz, Anna Neill, Margaret Pearce

Committee members absent: Jane Gibson


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

Minutes
A motion was made and seconded to approve the October 21, 2014 minutes of the College Academic Council. The motion was approved unanimously.

Report of the Committee on Graduate Studies (CGS)
(Alesia Woszidlo, 2014-2015 CGS Chair, reporting)

- CGS had no items requiring CAC’s review.

Report of the Committee on Undergraduate Studies & Advising (CUSA)
(Ruth Ann Atchley, 2014-2015 CUSA Chair, reporting)

- The motion (CGS report by Ruth Ann Atchley) was seconded, and the CAC voted unanimously to approve the following new courses:

  BIOL155, CEAS 610, ENGL 199, HIST 220, HIST 511/551/HWC 240/ISP 551, PHIL 150, PLSH 105, PLSH 109, PLSH 205, PLSH 209, RUSS 105, RUSS 109, RUSS 205, RUSS 209, SLAV 495, WGSS 430

- The motion (CGS report by Ruth Ann Atchley) was seconded, and the CAC voted unanimously to approve the following course changes:

  ABSC 304, ABSC 308, ABSC 342, ABSC 410, ABSC 509, BIOL 644, GEOL 304, GEOL 331, GERM 100, GERM 101, HWC 150/250, PCS 120/220, MATH 570/597, RUSS 104, RUSS 108, RUSS 204, RUSS 208, SPAN 340, WGSS 530

- The motion (CGS report by Ruth Ann Atchley) was seconded, and the CAC voted unanimously to approve the following course deletions:

  ABSC 140, GEOL 571, RUSS 212, RUSS 216

- The motion (CGS report by Ruth Ann Atchley) was seconded, and the CAC voted unanimously to approve the following degree requirements:

  1. Changes to Existing Major: BA and BFA Dance
  2. Changes to Existing Major: BA Microbiology
  3. Changes to Existing Major: BFA Theatre Design
  4. Changes to Existing Major: BS Molecular Biosciences
  5. Changes to Existing Minor: Peace & Conflict Studies
  6. Changes to Existing Major: Humanities
  7. Changes to Existing Major Admissions: BS Molecular Biosciences
  8. Changes to Existing Major and Minor: Religious Studies
  9. Changes to Existing Major and Minor: Slavic Languages
  10. Changes to Existing Major: Women’s Studies
The motion (CGS report by Ruth Ann Atchley) was seconded, and the CAC voted unanimously to approve the following policy changes:

1. Proposal to allow KU Core Goal 4.2 courses to fulfill the World Culture requirement in the LA&S-BGS degree
2. Course title approval for Haskell Indian Nations University

__Next regularly scheduled meeting of the CAC will be Tuesday, December 9, 2014, at 4:00 PM in 210 Strong Hall__

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II. REPORT OF THE COMMITTEE ON GRADUATE STUDIES (CGS)
A. Curricular Changes for Approval

**COMMUNICATION STUDIES**

<table>
<thead>
<tr>
<th>CHANGE: COMS 811</th>
<th>NEW COURSE</th>
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<tbody>
<tr>
<td></td>
<td>APPLIED ORGANIZATIONAL COMMUNICATION (3)</td>
</tr>
<tr>
<td></td>
<td>This survey course addresses key communication processes in organizations, including developing and sustaining workplace relationships, providing and receiving feedback, processes of effective teams and in leadership situations. Students will apply these concepts to appreciate the dynamics of organizational culture, power, and ethics at work and will identify strategies to enhance workplace success. SEM.</td>
</tr>
</tbody>
</table>

Grading: A-F, W and I

This course is an elective
This course is not an RSRS course

This course is a degree requirement in the following way: This course is an elective for a COMS degree, but it is a required core course for the EVRN Professional Science Master’s program.

This course impacts students in the following way: This course has previously been offered as a topics course and will now be available on a regular basis, improving access. It will not affect COMS graduate students and it will make the course more available to PSM students. This course was already required in the PSM curriculum.

JUSTIFICATION:
This course existed as one of many "Topics" courses. The purpose for moving it to a new course "COMS 811" is to make it a more permanent offering. It is required by the PSM and this will insure its availability for that program as well as being a regular elective option for COMS graduate students. [Has approval of EVRN PSM]

**GEOLOGY**

<table>
<thead>
<tr>
<th>CHANGE: GEOL 776</th>
<th>NEW COURSE</th>
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</thead>
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<tr>
<td></td>
<td>GROUND PENETRATING RADAR (3)</td>
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<tr>
<td></td>
<td>Theoretical and applied study of radar methods used for imaging the subsurface. Topics include EM theory relating to wave propagation through earth environments, GPR data acquisition, processing and interpretation. Prerequisite: Consent of the instructor LEC.</td>
</tr>
</tbody>
</table>

Grading: A-F, W and I

This course is an elective
This course is not an RSRS course

This course is a degree requirement in the following way: The course is an elective option satisfying "Geophysics electives 500 and above" in the new revised Geology BS Geophysics Option. [Program change is not required]
This course impacts students in the following way: The course offers an additional elective to Geology BS Geophysics majors. Furthermore it will provide student training in an area of active research in the department of geology.

**JUSTIFICATION:**
The course topic has been taught seven times since 2003 under the generic title "GEOL 771 Advanced Geophysics". This change formalizes a course topic offered regularly in the department of geology. The course is targeted to graduate students primarily, upper-level undergraduates with consent of the instructor. Typical enrollment has been about 10 graduate students and 1-2 undergraduates. The course can fulfill elective requirements for the Geology BS Geophysics Option.

**CHANGE:** DELETE COURSE
**GEOL 774** FINITE DIFFERENCE METHODS FOR GEOPHYSICS (2-)
Application of finite difference methods to solve the partial differential equations that commonly occur in the study of geophysics. Representative examples will be drawn from groundwater flow, gravity and magnetics modeling, and seismic wave propagation. Emphasis will be on obtaining actual solutions for practical problems. MATH 250, or MATH 320, or consent of the instructor. LEC.

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

**JUSTIFICATION:**
The course has not been offered for five years (since Professor McElwee who taught the course retired). There is no plan to offer the course in the foreseeable future. We want students to have an accurate list of courses that will be taught so they can efficiently plan their program of study.

**SLAVIC LANGUAGES AND LITERATURES**

**CHANGE:** NEW COURSE
**SLAV 754** SEMINAR IN SLAVIC VERBAL ASPECT (3)
A detailed examination of the morphology and usage of verbal aspect in Russian and other Slavic languages, which is a particularly troublesome area for foreign learners of Russian. Prerequisite: SLAV 522. SEM

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

**JUSTIFICATION:**
There is a high degree of graduate student interest in a course of this type, which has been offered several times as a directed reading since Dr. McCartney came to the university, as his main research focus. Having this topic as a permanent course could also allow students from Linguistics to enroll.

**B. Degree Requirements for Approval**

1. Changes to Existing Degree – Department, PhD (name and faculty contact)

**PSYC, PhD**

The requested changes are:

**(Old) Current**
Cognitive Psychology
Paul Atchley, Cognitive Psychology Program Director
The cognitive psychology program seeks students with the intellectual potential, motivation, and quantitative aptitude to engage in productive scholarship in a basic or applied area of interest.
(New) Proposed (name and faculty contact)
Cognitive and Brain Sciences
Evangelia G. Chrysikou, Cognitive and Brain Sciences Program Director
The cognitive and brain sciences program seeks students with the intellectual potential, motivation, and quantitative aptitude to engage in productive scholarship in a basic or applied area of interest.
The change(s) to this program will first take effect Fall 2014 and first appear in the 2015-2016 academic catalog.
JUSTIFICATION:
We would like to update our description to better reflect the composition of our faculty and the courses and training we offer our graduate students.

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

A. Curricular Changes for Approval

AFRICAN & AFRICAN AMERICAN STUDIES

CHANGE: NEW CROSS-LISTED COURSE
AAAS 210 BRAZIL AND AFRICA: ATLANTIC ENCOUNTERS 3 H
This is a survey course on the history of the relationships between Brazil and Western Africa from the sixteenth century onward. We examine the shape of the Atlantic world, the nature of the Portuguese empire in Brazil and Africa, the presence of Brazilian born agents in Western Africa, the cultural exchanges, the impact of colonial rule, and the responses of indigenous societies to these developments. Among the topics to receive attention are Brazil/Portuguese slave trade; slavery in Western Africa, urban and rural context of African slavery in Brazil; the family and religious life in both sides of the Atlantic; Brazilian communities in the coast of Africa; the abolition of slavery; and the long lasting relationships between Western Africa and Brazil. Students develop familiarity with major historical concepts, themes, and subjects. The course also aims to explore history as process to make sense of the past and the present. (Same as HIST 210)

CHANGE: TITLE COURSE IS CURRENTLY CROSS-LISTED
AAAS 510 COMPARATIVE ETHNIC AND RACIAL RELATIONS 3 NW AE42 S
(OLD) An examination of constructions of race and ethnicity around the world. Emphasis is on the social, political, historical, cultural and economic factors that lead to the creation of ethnic and racial identities, ethnic conflict and accommodation, ethnic movements, and ethnic political organization. Racial and ethnic relations in the U.S. are compared with other countries. Major focus is placed on ethnicity in Africa, Asia, Latin America, the Caribbean and/or the Middle East. (Same as AMS 534 and SOC 534) LEC

AAAS 510 GLOBAL ETHNIC AND RACIAL RELATIONS 3 NW AE42 S
(NEW) An examination of constructions of race and ethnicity around the world. Emphasis is on the social, political, historical, cultural and economic factors that lead to the creation of ethnic and racial identities, ethnic conflict and accommodation, ethnic movements, and ethnic political organization. Racial and ethnic relations in the U.S. are compared with other countries. Major focus is placed on ethnicity in Africa, Asia, Latin America, the Caribbean and/or the Middle East. (Same as AMS 534 and SOC 534) LEC

CHANGE: NEW CROSS-LISTED COURSE
AAAS 517 ROOTS OF HUMAN TRAFFICKING: MODERN SLAVERY AND AFRICA 3 H
This reading-intensive seminar explores human trafficking in the modern world. It examines labor exploitation and commercialization in a historical perspective. The course aims to explore how Imperialism led to the expansion of human trafficking and how women, men and children experienced labor exploitation in different ways. We examine how forced labor was/is behind the car and bicycle industries, sugar, coffee, and chocolate consumption. Today more than 27 million people are held, sold, and trafficked as slaves around the world. This course discusses similarities and differences between contemporary and historical slavery and analyzes why and how it persists nowadays. Readings include accounts of people held in bondage, case studies, and reports. Students develop familiarity with major historical concepts, themes, and subjects. Students also engage, investigate, and understand history as a process to explain how we make sense of the past and the present. Students carry on a research project throughout the semester about the historical roots of a modern case of slavery and/or human trafficking, producing original scholarship. Prerequisite: Successful completion of a history course numbered below 500, or permission of instructor. (Same as HIST 517)

AMERICAN STUDIES
**Change: Title Course is Currently Cross-Listed**

AMS 534  
**Comparative Racial and Ethnic Relations 3 AE42 S NW**  
An examination of constructions of race and ethnicity around the world. Emphasis is on the social, political, historical, cultural and economic factors that lead to the creation of ethnic and racial identities, ethnic conflict and accommodation, ethnic movements, and ethnic political organization. Racial and ethnic relations in the U.S. are compared with other countries. Major focus is placed on ethnicity in Africa, Asia, Latin America, the Caribbean and/or the Middle East. (Same as AAAS 510 and SOC 534)

**Classics**

**Change: New Course**

CLS X 210  
**Greek Rhetoric in Theory and Practice 3 H**  
This course explores the theory and practice of ancient Greek rhetoric, with the aim of developing student’s own rhetorical skills and habits. All readings are in translation; no knowledge of ancient Greek is required. Students study rhetoric in such authors as Homer, Demosthenes, Plato, and Lysias and discuss such topics as the role of public speaking in maintaining Greek democracy, the difference between rhetorical skill as a means and an end, the relationship between rhetorical style and civic identity, and the adaptability of rhetoric to various circumstances and audiences. Students practice delivery with ancient speeches; write and deliver speeches tailored to a variety of situations; and listen to and critique the speeches of their peers and others.

**Change: New Course**

CLS X 220  
**Roman Oratory in Theory and Practice 3 H**  
This course explores the theory and practice of ancient Roman rhetoric, with the aim of developing student’s own rhetorical skills and habits. All readings are in translation; no knowledge of Latin is required. Students will study rhetoric in such authors as Cicero, Quintilian, Caesar, and Seneca and discuss such topics as the role of rhetorical theory in Roman education; oratory as a hallmark of public service during the Republic, and its transition to a pastime in the Imperial age; the ways the Romans connected oratorical style with humor, the body, and gender identity; and the leeway given to speakers in constructing an argument. Students practice delivery with ancient speeches; write and deliver speeches tailored to a variety of situations; and listen to and critique the speeches of their peers and others.

**Communication Studies**

**Change: Course Description Title Prerequisite**

**COMS 132**  
**Oral Communication for the Professional Schools 3 H, GE22**  
(Old) 
Grounded in communication theory, the purpose of this new course is to teach public speaking skills within a professional context. Focus is on the preparation, presentation, and critique of various forms of oral communication, including but not limited to informative, persuasive, and group presentations. Course is restricted to students in the professional schools. LEC

**COMS 132**  
**Speaker-Audience Communication for the Professional Schools 3 H, GE22**  
(NEW) 
This course focuses on the study of oral communication: the application, preparation, presentation and criticism of messages appropriate in the business or organizational setting. Special consideration is given to speaker confidence, working in teams, listening behaviors and application of communication theories to the audience and rhetorical situation. Not open to students with credit in COMS 150. Prerequisite: Open only to students in the professional schools. LEC

**Change: Title**

**COMS 133**  
**Oral Communication for the Professional Schools, Honors 3 H, GE22**  
(Old) 
This course focuses on the study of oral communication the application, preparation, presentation and criticism of messages appropriate in the business or organizational setting. Special consideration is given to speaker confidence, working in teams, listening behaviors and application of communication theories to the audience and rhetorical situation. Not open to students with credit in COMS 150. Prerequisite: Open only to students in the professional schools who are members of the University Honors Program.

**COMS 133**  
**Speaker-Audience Communication for the Professional Schools, Honors 3 H, GE22**  
(NEW) 
This course focuses on the study of oral communication: the application, preparation, presentation and criticism of messages appropriate in the business or organizational setting. Special consideration is given to speaker confidence, working in teams, listening behaviors and application of communication theories to the audience and rhetorical situation. Not open to students with credit in COMS 150. Prerequisite: Open only to students in the professional schools who are members of the University Honors Program.
ENVIRONMENTAL STUDIES

CHANGE: COURSE DESCRIPTION PREREQUISITE
EVRN 460 FIELD ECOLOGY 3 N
(OLD) Provides practical experience in the characterization of a diversity of ecosystem types; lakes, streams, forests, and prairies. This course is writing intensive, and designed for Environmental Studies majors. Prerequisite: EVRN/GEOG 148/149; EVRN/HIST 103, EVRN/HIST 347 or EVRN/GEOG 150; Senior standing. Restricted to declared Environmental Studies majors. Satisfies: N Natural Science (N)

EVRN 460 FIELD ECOLOGY 3 N
(NEW) An introduction to research methods for environmental science. The course includes fieldwork in diverse ecosystems (lakes, streams, forests, prairies). It emphasizes the development of skills in data analysis and interpretation that are essential to a full understanding of environmental issues. Enrollment limited to environmental studies majors, or by instructor permission. Prerequisites: Junior or Senior standing, completion of the natural sciences requirement of the KU core (GE3N), and either EVRN 320 or EVRN 332.

GEOLOGY

CHANGE: NEW COURSE
GEOL 316 GEOCHEMISTRY 3 N
The course is intended to be an introduction to all types of geochemistry. It focuses on the chemistry of the natural world and the chemical evolution of the Earth over geological time. The course is composed of three modules: (a) geochemical fundamentals; (b) natural and anthropogenically perturbed aspects of the Earth's hydrosphere and its interaction with surficial rocks, sediments, soils, the biosphere and the atmosphere and (c) the origin and evolution of Earth (crust-mantle-core) and the solar system through nuclear and high temperature chemical processes. Prerequisites: GEOL 101, CHEM 130 or 190; and eligibility for MATH 115. LEC.

CHANGE: NEW COURSE
GEOL 578 SEISMIC DATA ANALYSIS AND INTERPRETATION 3 N
Interpretation methods applied to seismic exploration and reservoir characterization. Topics include: rock physics, the convolutional model, synthetic seismograms, seismic response of hydrocarbon reservoirs, resolution, seismic velocity, depth conversion, seismic attributes, AVO, inversion, seismic anisotropy, 3-D & 4-D interpretation, S-wave and converted wave interpretation, laboratory use of commercial seismic interpretation software. Prerequisite: GEOL 575 or consent of the instructor. LEC.

GERMANIC LANGUAGES & LITERATURE

CHANGE: PREREQUISITE NUMBER
GERM 444 GERMAN CONVERSATION 3 H
(OLD) Further development of practical conversational skills for students with intermediate proficiency in German. Discussion of topics from everyday German life and current affairs, based on German newspapers and magazines. May be repeated but counts only once toward the major or minor. Not open to native speakers of German. Prerequisite: GERM 302. LEC.

GERM 353 GERMAN CONVERSATION 3 H
(NEW) Further development of practical conversational skills for students with intermediate proficiency in German. Discussion of topics from everyday German life and current affairs, based on German newspapers and magazines. May be repeated but counts only once toward the major or minor. Not open to native speakers of German. Prerequisite: GERM 202. LEC.

HISTORY

CHANGE: NEW CROSS-LISTED COURSE
HIST 210 BRAZIL AND AFRICA: ATLANTIC ENCOUNTERS 3 H
This is a survey course on the history of the relationships between Brazil and Western Africa from the sixteenth century onward. We examine the shape of the Atlantic world, the nature of the Portuguese empire in Brazil and Africa, the presence of Brazilian born agents in Western Africa, the cultural exchanges, the impact of colonial rule, and the responses of indigenous societies to these developments. Among the topics to receive attention are Brazil/Portuguese slave trade; slavery in Western Africa, urban and rural context of African slavery in Brazil; the family and religious life in both sides of the Atlantic; Brazilian communities in the coast of Africa; the abolition of slavery; and the long lasting relationships between Western Africa and Brazil. Students develop familiarity with major historical concepts, themes, and subjects. The course also aims to explore history as process to make sense of the past and the present. (Same as AAAS 210)
HIST 517  ROOTS OF HUMAN TRAFFICKING: MODERN SLAVERY AND AFRICA  3  H
This reading-intensive seminar explores human trafficking in the modern world. It examines labor exploitation and commercialization in a historical perspective. The course aims to explore how imperialism led to the expansion of human trafficking and how women, men and children experienced labor exploitation in different ways. We examine how forced labor was/is behind the car and bicycle industries, sugar, coffee, and chocolate consumption. Today more than 27 million people are held, sold, and trafficked as slaves around the world. This course discusses similarities and differences between contemporary and historical slavery and analyzes why and how it persists nowadays. Readings include accounts of people held in bondage, case studies, and reports. Students develop familiarity with major historical concepts, themes, and subjects. Students also engage, investigate, and understand history as a process to explain how we make sense of the past and the present. Students carry on a research project throughout the semester about the historical roots of a modern case of slavery and/or human trafficking, producing original scholarship. Prerequisite: Successful completion of a history course numbered below 500, or permission of instructor.  (Same as AAAS 517)

HIST 578  SOCIAL HISTORY OF SOUTH AMERICA  3  H  W
(OLD)  The course treats the long-term effort of the South American nations to become urban industrial societies through economic development, emergence of modern pressure groups, improvement of human capital, and the fostering of a sense of national purpose and unity expressed in the participation of the whole population in all of the activities and benefits of life in society. LEC.

HIST 471  SOCIAL HISTORY OF SOUTH AMERICA  3  H  W
(NEW)  The various republics of South America have experienced radical social change since the late 19th century. Compressed industrialization has propelled the accelerated growth of global megacities, mass immigration from Europe and Asia, and the rise of populist and socialist politics that address the needs of the working class. This course follows a thematic approach by examining collective violence, endemic poverty, shifting gender relations, labor conflict, public health, revolutionary movements, and dictatorships.

HISTORY OF ART

HA 150  WESTERN ART HISTORY I: ANCIENT THROUGH MEDIEVAL ART  3  H, HT, AE42, GE3H
(OLD)  A survey of the art of earlier periods in the West, from prehistoric times through the middle ages in Europe, with special emphasis on the relationship between artistic developments and cultural changes. Not open to students with credit in HA 160. LEC.

HA 150  HISTORY OF WESTERN ART: ANCIENT THROUGH MEDIEVAL  3  H, HT, AE42, GE3H
(NEW)  A survey of art in the West from the Renaissance to the contemporary period in Europe and America, with special emphasis on the achievements of individual artists in relation to the cultural movements of their times. Not open to students with credit in HA 161. Prerequisite: HA 100, HA 103, HA 150, HA 160, HA 300, or HA 303. LEC.

HA 151  WESTERN ART HISTORY II: RENAISSANCE TO CONTEMPORARY ART  3  H
(OLD)  A survey of the art of later periods in the West, from the Renaissance to the contemporary period in Europe and America, with special emphasis on the achievements of individual artists in relation to the cultural movements of their times. Not open to students with credit in HA 161. Prerequisite: HA 100, HA 103, HA 150, HA 160, HA 300, or HA 303. LEC.

HA 151  HISTORY OF WESTERN ART: RENAISSANCE TO CONTEMPORARY  3  H
(NEW)  A survey of art in the West from the Renaissance to the contemporary period in Europe and America, with special emphasis on the achievements of individual artists in relation to the cultural movements of their times. Not open to students with credit in HA 161.

HA 160  WESTERN ART HISTORY I, HONORS  3  H, HT, AE42, GE3H
(OLD)  Honors section of HA 150. Students taking HA 150 for Honors credit must enroll in HA 160. They will attend HA 150 lectures and Honors discussion group led by the professor in charge of the course. Prerequisite: Membership in the University Honors Program or consent of instructor. LEC.

HA 160  HISTORY OF WESTERN ART: ANCIENT THROUGH MEDIEVAL, HONORS  3  H, HT, AE42, GE3H
(NEW)  A survey of the art of earlier periods in the West, from prehistoric times through the middle ages in Europe, with special emphasis on the relationship between artistic developments and cultural changes. Not open to students with credit in HA 150. Prerequisite: Membership in the University Honors Program or consent of instructor. LEC.
HA 161  WESTERN ART HISTORY II, HONORS  3 H
(OLD)  Honors section of HA 151. Students taking HA 151 for Honors credit must enroll in HA 161. They will attend HA 151 lectures and Honors discussion group led by the professor in charge of the course. Prerequisite: HA 100, HA 103, HA 150, HA 160, HA 300, or HA 303, and membership in University Honors Program or consent of instructor. LEC.

HA 161  HISTORY OF WESTERN ART: RENAISSANCE TO CONTEMPORARY, HONORS  3 H
(NEW)  A survey of the art in West from the Renaissance to the contemporary period in Europe and America, with special emphasis on the achievements of individual artists in relation to the cultural movements of their times. Not open to students with credit in HA 151. Prerequisite: Membership in the University Honors Program or consent of instructor. LEC.

HA 265  INTRODUCTION TO ASIAN ART  3 H, W, HT, NW, AE42, GE3H
(OLD)  An introduction to Asian art and architecture through a study of the principal monuments, their aesthetic principles, and their relation to philosophies and religions. LEC. Prerequisite:

HA 165  INTRODUCTION TO ASIAN ART  3 H, W, HT, NW, AE42, GE3H
(NEW)  An introduction to the visual arts of India, China, Korea, and Japan. Emphasis is placed on cultural context, including religion, social class and gender, and on cultural interactions between these countries. LEC.

HA 266  THE VISUAL ARTS OF EAST ASIA  3 H, W, NW, HT, AE42, GE3H
(OLD)  An introduction to the visual arts of China, Korea, and Japan, with equal time given to each country. Emphasis will be placed on cultural context, including religion, social class and gender, and on the cultural interaction between the three countries. LEC.

HA 166  THE VISUAL ARTS OF EAST ASIA  3 H, W, NW, HT, AE42, GE3H
(NEW)  An introduction to the visual arts of China, Korea, and Japan, with equal time given to each country. Emphasis is placed on cultural context, including religion, social class and gender, and on cultural interactions between the three countries. LEC.

HA 267  ART AND CULTURE OF JAPAN  3 H, W, NW, AE42, GE3H
(OLD)  An introduction to the arts of Japan in historical and cultural context. Visual arts will be stressed. LEC.

HA 367  ART AND CULTURE OF JAPAN  3 H, W, NW, AE42, GE3H
(NEW)  An introduction to the arts of Japan in historical and cultural context. Visual arts are stressed. LEC.

HA 268  ART AND CULTURE OF CHINA  3 H, W, NW, AE42, GE3H
(OLD)  An introduction to the arts of China in historical and cultural context. Visual arts will be stressed. No prerequisite. LEC.

HA 368  ART AND CULTURE OF CHINA  3 H, W, NW, AE42, GE3H
(NEW)  An introduction to the arts of China in historical and cultural context. Visual arts are stressed. LEC.

HA 269  ART AND CULTURE OF KOREA  3 H, W, NW, AE42, GE3H
(OLD)  An introduction to the arts of Korea in historical and cultural context. Visual arts will be stressed. LEC.

HA 369  ART AND CULTURE OF KOREA  3 H, W, NW, AE42, GE3H
(NEW)  An introduction to the arts of Korea in historical and cultural context. Visual arts are stressed. LEC.

HA 340  SPECIAL STUDY IN ASIAN ART BEFORE 1900:_____  1-6 H
This course is designed for the study of special topics in Asian art before 1900, including courses taken through study abroad. May be repeated for credit if content varies. The course is taught at the 300 and 500-levels with additional work required at the 500-level. Same topic may not be taken at both the 300 and 500-levels.

HA 341  SPECIAL STUDY IN ISLAMIC ART,14TH-17TH CENTURY:_____  1-6 H
This course is designed for the study of special topics in Islamic art of the 14th-17th centuries. May be repeated for credit if content varies. The course is taught at the 300 and 500-levels with additional work required at the 500-level. Same topic may not be taken at both the 300 and 500-levels.
CHANGE: NEW COURSE
HA 342 SPECIAL STUDY IN 18TH/19TH-CENTURY EUROPEAN OR AMERICAN ART:______ 1-6
H
This course is designed for the study of special topics in European or American art of the 18th and/or 19th
centuries, including courses taken through study abroad. May be repeated for credit if content varies. The course
is taught at the 300 and 500-levels with additional work required at the 500-level. Same topic may not be taken
at both the 300 and 500-levels.

CHANGE: NEW COURSE
HA 343 SPECIAL STUDY IN 20TH/21ST-CENTURY ART:______ 1-6 H
This course is designed for the study of special topics in art of the 20th and/or 21st centuries, including courses
taken through study abroad. May be repeated for credit if content varies. The course is taught at the 300 and 500-
levels with additional work required at the 500-level. Same topic may not be taken at both the 300 and 500-
levels.

CHANGE: NEW COURSE
HA 354 JAPANESE PRINTS 3 H, W, NW
This course explores the history of Japanese prints with special emphasis on ukiyo-e (pictures of the floating
world) woodblock prints made during the Edo Period (early 17th to 19th century). The course is organized
thematically as well as chronologically and examines woodblock prints by focusing on both design and socio-
political history. The course is taught at the 300 and 500-levels with additional work required at the 500-level.
LEC.

CHANGE: NEW COURSE
HA 363 MODERN KOREAN ART & CULTURE 3 H
This course is a thematic introduction to Korean art and culture with an emphasis on modern and contemporary
Korea. Pre-modern works are contextualized with respect to contemporary issues. Students learn how to conduct
a comprehensive analysis of an artwork by considering the political, historical and social conditions of its time
within a broader East Asian cultural framework. Prerequisite: An introductory course in art history at the college
level, or consent of instructor.

CHANGE: DELETE COURSE
HA 369 INTRODUCTION TO KOREAN PAINTING 3 H
HA 369. Introduction to Korean Painting. 3 Hours. NW / H.
A history of Korean painting from the 4th through the 19th centuries. An examination of tomb murals, Buddhist
painting, landscape, genre painting, portrait, documentary painting, and decorative symbolic imagery.
Lectures and discussion focus on artistic style and cultural context. Completion of HA 266, HA 269 or ECIV 104
is recommended. LEC.

CHANGE: NEW COURSE
HA 388 MODERN AND CONTEMPORARY VISUAL ARTS OF JAPAN 3 H
This course covers Japanese visual arts from the Meiji era (1868-1912) through the present day. The course is
designed thematically as well as chronologically, and examines painting, sculpture and architecture focusing on
both socio-political contexts and artistic concerns that emerged at certain times in recent Japanese history. The
aim of this course is to provide first-hand knowledge of Japanese modern and contemporary visual arts as well as
an in-depth consideration of some of the key issues attached to Japan's modernization and modernity. The course
is taught at the 300 and 500-levels with additional work required at the 500-level. LEC.

CHANGE: COURSE DESCRIPTION
HA 467 ART AND CULTURE OF JAPAN, HONORS 3 H, W, NW
(OLD) Honors version of HA 267, requiring additional readings and writing assignments. An introduction to the arts of
Japan in historical and cultural context. Basic principles and problems of the visual arts are analyzed, as are the
major historical trends and periods. Prerequisite: Membership in the University Honors Program or permission
of the instructor. Not open to freshmen or students with credit in HA 267. LEC.

HA 467 ART AND CULTURE OF JAPAN, HONORS 3 H, W, NW
(NEW) An introduction to the arts of Japan using fundamental principles and analytical methods of art history. Emphasis
is placed on cultural contexts of art production, including history and religion. Honors version of HA 367, with
more classroom discussion and opportunities for original research. Prerequisite: Membership in the University
Honors Program or permission of the instructor. Not open to freshmen or students with credit in HA 267 or HA
367. LEC.
HA 468  ART AND CULTURE OF CHINA, HONORS  3  H, W, NW  
(OLD) Honors version of HA 268, requiring additional readings and writing assignments. An introduction to the arts of China in historical and cultural context. Basic principles and problems of the visual arts are analyzed, as are the major historical trends and periods. Prerequisite: Membership in the University Honors Program or permission of the instructor. Not open to freshmen or students with credit in HA 268. LEC.

HA 468  ART AND CULTURE OF CHINA, HONORS  3  H, W, NW  
(NEW) An introduction to the arts of China using fundamental principles and analytical methods of art history. Emphasis is placed on cultural contexts of art production, including history and religion. Honors version of HA 368, with more classroom discussion and opportunities for original research. Prerequisite: Membership in the University Honors Program or permission of the instructor. Not open to freshmen or students with credit in HA 268 or HA 368. LEC.

CHANGE: COURSE DESCRIPTION  
HA 469  ART AND CULTURE OF KOREA, HONORS  3  H  
(OLD) Honors version of HA 269, requiring additional readings and writing assignments. An introduction to the arts of Korea in historical and cultural context. Basic principles and problems of the visual arts are analyzed, as are the major historical trends and periods. Prerequisite: Membership in the University Honors Program or permission of the instructor. Not open to freshmen or students with credit in HA 269. LEC.

HA 469  ART AND CULTURE OF KOREA, HONORS  3  H  
(NEW) An introduction to the arts of Korea using fundamental principles and analytical methods of art history. Emphasis is placed on cultural contexts of art production, including history and religion. Honors version of HA 369, with more classroom discussion and opportunities for original research. Prerequisite: Membership in the University Honors Program or permission of the instructor. Not open to freshmen or students with credit in HA 269 or HA 369. LEC.

CHANGE: COURSE DESCRIPTION  PREREQUISITE  NUMBER  
HA 482  JAPANESE PAINTING  3  H, W, NW  
(OLD) A survey covering the development of Japanese painting from the Kofun period down to the early twentieth century. Topics will include Buddhist and other religious paintings, narrative handscrolls, suibokuga, decorative screens, genre paintings and ukiyo-e prints, and western-style paintings of the Meiji and Taisho periods. Work requirements will be greater for students enrolled at the 700 level than at the 400 level. Prerequisite: HA 265, or HA 267, or consent of instructor. LEC.

HA 586  JAPANESE PAINTING  3  H, W, NW  
(NEW) A survey covering the development of Japanese painting from the Kofun period to the early twentieth century. Topics include Buddhist and other religious paintings, narrative handscrolls, ink painting, decorative screens, ukiyo-e, and western-style paintings of the Meiji and Taisho periods. Graduate students may be expected to complete additional reading and writing assignments. Prerequisite: An introductory course in art history or consent of instructor. LEC.

CHANGE: PREREQUISITE  
HA 488  CHINESE PAINTING, HONORS  3  H, W, NW  
(OLD) A survey of the development of painting in China, beginning with the earliest forms of figural and landscape depiction. Emphasis will be placed on the major painting traditions of the Song, Yuan, Ming, and Qing Dynasties. Prerequisite: One of the following four courses: HA 150, HA 265, HA 266, or ECIV 104; and membership in the University Honors Program or permission of the instructor. LEC.

HA 488  CHINESE PAINTING, HONORS  3  H, W, NW  
(NEW) A survey of the development of painting in China, beginning with the earliest forms of figural and landscape depiction. Emphasis will be placed on the major painting traditions of the Song, Yuan, Ming, and Qing Dynasties. Prerequisite: An introductory course in art history or Eastern Civilizations and membership in the University Honors Program or consent of instructor. LEC.

CHANGE: COURSE DESCRIPTION  NUMBER  
HA 503  JAPANESE PRINTS  3  H, W, NW  
(OLD) A study of the major artists and schools of the Japanese print, especially in their technical and stylistic developments and in their relation to the culture of Japan in the Edo period. Prerequisite: A survey of Asian or Japanese art, or consent of instructor. LEC.

HA 554  JAPANESE PRINTS  3  H, W, NW  
(NEW) This course explores the history of Japanese prints with special emphasis on ukiyo-e (pictures of the floating world) woodblock prints made during the Edo Period (early 17th to 19th century). The course is organized thematically as well as chronologically and examines woodblock prints by focusing on both design and socio-political history. The course is taught at the 300 and 500-levels with additional work required at the 500-level. Prerequisite: an introductory course in art history or consent of instructor. LEC.
CHANGE: NEW COURSE
HA 510 MEDIEVAL MANUSCRIPTS AND EARLY PRINTED BOOKS  3 H
Students study the history of the book from 300 to 1500 A.D., concentrating on the role of visual imagery in books and the place of books in medieval and renaissance culture. In addition to discussing the relation between text and image, and studying the stylistic contexts for ancient, medieval, and Renaissance illumination and early woodcut illustration, participants in this course consider such additional topics as methods of book production, the development of cycles of illustration for religious and secular books, and the relationship between manuscripts and early printed books. Lectures and discussion are supplemented by visits to the fine collection of manuscripts, printed books, and facsimiles in the Kenneth Spencer Research Library. Prerequisite: An introductory course in Western art history at the college level, or consent of the instructor.

CHANGE: NEW COURSE
HA 540 SPECIAL STUDY IN ASIAN ART BEFORE 1900:_____  1-6 H
This course is designed for the study of special topics in Asian art before 1900, including courses taken through study abroad. May be repeated for credit if content varies. The course is taught at the 300 and 500-levels with additional work required at the 500-level. Same topic may not be taken at both the 300 and 500-levels. Prerequisite: An appropriate introductory-level course in Asian art history, or consent of the instructor.

CHANGE: NEW COURSE
HA 541 SPECIAL STUDY IN ISLAMIC ART,14TH-17TH CENTURY:_____  1-6 H
This course is designed for the study of special topics in Islamic art of the 14th-17th centuries. May be repeated for credit if content varies. The course is taught at the 300 and 500-levels with additional work required at the 500-level. Same topic may not be taken at both the 300 and 500-levels. Prerequisite: An appropriate introductory-level course in art history, or consent of the instructor.

CHANGE: NEW COURSE
HA 542 SPECIAL STUDY IN 18TH/19TH-CENTURY EUROPEAN OR AMERICAN ART:_____  1-6 H
This course is designed for the study of special topics in European or American art of the 18th and/or 19th centuries, including courses taken through study abroad. May be repeated for credit if content varies. The course is taught at the 300 and 500-levels with additional work required at the 500-level. Same topic may not be taken at both the 300 and 500-levels. Prerequisite: An appropriate introductory-level course in art history, or consent of the instructor.

CHANGE: NEW COURSE
HA 543 SPECIAL STUDY IN 20TH/21ST-CENTURY ART:_____  1-6 H
This course is designed for the study of special topics in art of the 20th and/or 21st centuries, including courses taken through study abroad. May be repeated for credit if content varies. The course is taught at the 300 and 500-levels with additional work required at the 500-level. Same topic may not be taken at both the 300 and 500-levels. Prerequisite: An appropriate introductory-level course in art history, or consent of the instructor.

CHANGE: PREREQUISITE
HA 548 BUDDHIST SCRIPTURES IN CHINESE PAINTING  3 H
(OLD) Examination of Chinese paintings based on the major Buddhist scriptures (sutras) popular in China from the 8th century through the early modern period. Readings include selections from the sutras (in translation). Emphasis is placed on the cultural and religious reasons why certain scriptural themes were selected for representation and on the distinctively Chinese interpretation of these themes in pictorial art. Prerequisite: One of the following: HA 265, HA 266, HA 585, ECIV 104, REL 106. LEC.

HA 548 BUDDHIST SCRIPTURES IN CHINESE PAINTING  3 H
(NEW) Examination of Chinese paintings based on the major Buddhist scriptures (sutras) popular in China from the 8th century through the early modern period. Readings include selections from the sutras (in translation). Emphasis is placed on the cultural and religious reasons why certain scriptural themes were selected for representation and on the distinctively Chinese interpretation of these themes in pictorial art. Prerequisite: An introductory course in Asian art history, Eastern Civilizations, or Eastern religions or consent of instructor. LEC.

CHANGE: NEW COURSE
HA 550 CAPSTONE IN ART HISTORY:___________  3 H
An advanced course dedicated to the in-depth study of special topics in art history. Students conduct research on a question within the parameters of the course topic and produce a research product that integrates knowledge from within the discipline of art history or in combination with other disciplines to generate new ideas. May be
repeated for credit if content varies. Prerequisite: Junior or senior standing and twelve hours of art history, or consent of the instructor.

CHANGE: COURSE DESCRIPTION
HA 588 MODERN AND CONTEMPORARY VISUAL ARTS OF JAPAN  3  H
(OLD) This course covers Japanese visual arts from the Meiji era (1868-1912) through the present day. The course is designed thematically as well as chronologically, and examines painting, sculpture and architecture focusing on both socio-political contexts and artistic concerns that emerged at certain times in recent Japanese history. The aim of this course is to provide first-hand knowledge of Japanese modern and contemporary visual arts as well as an in-depth consideration of some of the key issues attached to Japan's modernization and modernity. Prerequisite: A survey of Japanese art, or modern art, or consent of instructor. LEC.

HA 588 MODERN AND CONTEMPORARY VISUAL ARTS OF JAPAN  3  H
(NEW) This course covers Japanese visual arts from the Meiji era (1868-1912) through the present day. The course is designed thematically as well as chronologically, and examines painting, sculpture and architecture focusing on both socio-political contexts and artistic concerns that emerged at certain times in recent Japanese history. The aim of this course is to provide first-hand knowledge of Japanese modern and contemporary visual arts as well as an in-depth consideration of some of the key issues attached to Japan's modernization and modernity. Prerequisite: an introductory course in art history or consent of instructor. The course is taught at the 300 and 500-levels with additional work required at the 500-level. LEC.

HUMANITIES AND WESTERN CIVILIZATION

CHANGE: NEW COURSE
HWC 320 BEING HUMAN IN THE WORKPLACE  3  H
A study of what it means to be human and humane in the workplace. Topics include the concepts of work, the worker, and the workplace; workers' rights; issues of discrimination; business ethics; privacy and confidentiality; bullying; whistle blowing; workplace environment.

CHANGE: NEW COURSE
HWC 508 SPECIAL TOPICS IN WORLD LITERATURE:_____  3  H
An examination of selected theoretical texts and literary works relevant to the emerging field of "world literature studies" that seeks to account for the ways that global relationships structure literary production, circulation, and reception. Topics and texts vary. May be taken more than once if content differs sufficiently.

JEWISH STUDIES

CHANGE: NEW CROSS-LISTED COURSE
JWSH 326 THE TALMUD: ITS ORIGINS, NATURE, AND EVOLUTION  3  H
This course demystifies the Talmud, arguably the most central yet also the most mysterious text of rabbinic Judaism. Students are introduced to the scope, substance, styles, and major figures of the Talmud, and also learn how the text came into being over the course of several centuries. Prerequisite: REL 104, REL 107, or REL 124/125, or permission of the instructor. LEC. (Same as REL 326)

CHANGE: NEW COURSE
JWSH 329 POLITICS AND CONFLICT IN ISRAEL AND PALESTINE  3  H
This course focuses on various aspects of the Israeli-Palestinian conflict including its history from the Ottoman period to the present day, the social and political effects on Israeli and Palestinian life and citizenship, official and unofficial narratives, and international responses.

LIBERAL ARTS & SCIENCES

CHANGE: COURSE DESCRIPTION
LA&S 490 INTERNSHIP EXPLORATION  1-5  U
(OLD) This course provides credit for supervised practical experiences in an occupational area of interest. In addition to the work-related activity, students complete reading and writing assignments, participate in an on-line discussion and create a final portfolio of internship accomplishments. Hours of credit recorded (1-5) are based on number of hours at internship site and agreement of instructor. Credit hours will be assigned a letter grade. Prerequisite: Consent of Instructor. LEC.

LA&S 490 INTERNSHIP EXPLORATION  1-5  U
(NEW) This course provides credit for supervised practical experiences in an occupational area of interest. In addition to the work-related activity, students complete reading and writing assignments, participate in an on-line discussion
and create a final portfolio of internship accomplishments. Hours of credit recorded (1-5) are based on number of hours at internship site and agreement of instructor. Credit hours will be assigned a letter grade. Repeatable for up to 5 credit hours, provided the internship experiences are different. Prerequisite: Consent of Instructor. LEC.

RELIGIOUS STUDIES

CHANGE: COURSE DESCRIPTION TITLE NEW REQUEST TO CROSSLIST
REL 326 INTRODUCTION TO THE TALMUD AND INTERPRETATION 3 H
(OLD) A study of the Talmud and the main lines of its reception and interpretation from Late Antiquity through Modernity in Rabbinic literature and the broader context of Western religion and philosophy. Prerequisite: REL 104, REL 107, or REL 124/125, or permission of the instructor. LEC.
REL 326 THE TALMUD: ITS ORIGINS, NATURE, AND EVOLUTION 3 H
(NEW) This course demystifies the Talmud, arguably the most central yet also the most mysterious text of rabbinic Judaism. Students are introduced to the scope, substance, styles, and major figures of the Talmud, and also learn how the text came into being over the course of several centuries. Prerequisite: REL 104, REL 107, or REL 124/125, or permission of the instructor. LEC. (Same as JWSH 326)

SLAVIC LANGUAGES & LITERATURES

CHANGE: NEW COURSE
SLAV 110 INTRODUCTION TO THE PEOPLES AND CULTURES OF KAZAKHSTAN THROUGH RUSSIAN 1 U
This 8-week course prepares students of all majors with little or no knowledge of Russian to function effectively in the experiential internship program in Almaty, Kazakhstan, with appropriate cultural sensitivity and survival Russian-language skills. The focus is basic grammar and key vocabulary terms of Russian (e.g., reading signs, menus; understanding key conversational phrases). Weekly readings treat the history, business culture, and language politics of Kazakhstan.

SOCIOLOGY

CHANGE: TITLE COURSE IS CURRENTLY CROSSTILITED
SOC 534 COMPARATIVE ETHNIC AND RACIAL RELATIONS 3 NW AE42 S
(OLD) An examination of constructions of race and ethnicity around the world. Emphasis is on the social, political, historical, cultural and economic factors that lead to the creation of ethnic and racial identities, ethnic conflict and accommodation, ethnic movements, and ethnic political organization. Racial and ethnic relations in the U.S. are compared with other countries. Major focus is placed on ethnicity in Africa, Asia, Latin America, the Caribbean and/or the Middle East. (Same as AAAS 510 and AMS 534) LEC
SOC 534 GLOBAL ETHNIC AND RACIAL RELATIONS 3 NW AE42 S
(NEW) An examination of constructions of race and ethnicity around the world. Emphasis is on the social, political, historical, cultural and economic factors that lead to the creation of ethnic and racial identities, ethnic conflict and accommodation, ethnic movements, and ethnic political organization. Racial and ethnic relations in the U.S. are compared with other countries. Major focus is placed on ethnicity in Africa, Asia, Latin America, the Caribbean and/or the Middle East. (Same as AAAS 510 and AMS 534) LEC

B. Degree Requirements for Approval

1. Changes to Existing Major in BA/BGS Classical Antiquity AND BA/BGS Classical Languages

PROPOSAL

We have proposed two new courses: CLSX 210, Greek Rhetoric in Theory and practice, and CLSX 220, Roman Oratory in Theory and Practice. We wish to make both courses electives for our Classical Languages major and for our Classical Antiquity major (which has two tracks; it will be an elective for both tracks).

JUSTIFICATION

Public speaking was a crucial element in being a citizen in the ancient world. Our language students read rhetorical texts as part of their core study of Latin and Greek. We wish to provide all our students, majors and non-majors alike, with the opportunity to study ancient rhetoric/oratory. We will also propose these courses to the KU Core
committee for consideration under goal 2.2 (oral communication), thus serving our majors and attracting other interested students to the study of the ancient world.

EFFECTIVE DATE

The courses will be taught in the 2015-2016 academic year.

2. **Changes to Existing Major to BS Geology – Geophysics option**

**PROPOSAL**

Revision of the Geology B.S. Geophysics Option: Refer to the table on the next page listing current degree requirements, proposed degree requirements, and changes to current degree requirements.

New requirements, changes and deletions are as follows:
- EECS 220 was added as an alternative to PHSX 531 to facilitate scheduling of senior year EM course
- EECS 128 is deleted from the proposed curriculum; EECS 138 is added to satisfy computing requirement
- GEOL 304 was made a required course
- GEOL 331 title and content are revised. It remains a required course.
- GEOL 573 is no longer a required course for the BS Geophysics Option
- Changed requirement of Geophysics electives to at least 9 credit hours from the following: GEOL 575, GEOL 577, GEOL 578 (new course), GEOL 772, GEOL 776 (new course)
- Changed requirement of technical electives to at least 6 credit hours from GEOL 552, GEOL 535, GEOL 536, GEOL 581 or other 500 and above Geology, Physics, Mathematics, Engineering or Computer Science

*(continued on next page)*
<table>
<thead>
<tr>
<th>Current Geology BS Geophysics Option</th>
<th>Proposed Geology BS Geophysics Option</th>
<th>Changes to Geology BS Geophysics Option</th>
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<td>ENGL 101 3 Composition</td>
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<td>MATH 122 5 Calculus II</td>
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<td>MATH 223 3 Vector Calculus</td>
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<td>MATH 290 2 Elementary Linear Algebra</td>
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<td>MATH 320 3 Elementary Differential Equations</td>
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<td>CHEM 130 5 General Chemistry</td>
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<td>EECS 138 3 Introduction to Computing</td>
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<td>Add EECS 138</td>
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<td>GEOL 572 3 Geophysics</td>
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<td>Two of the four courses in addition to geology courses above</td>
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<td>GEOL 572 3 Geophysics</td>
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<td>GEOL 573 3 Geodynamics and Plate Tectonics</td>
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<td>GEOL 575 3 Seismic Exploration</td>
<td>GEOL 578 3 Seismic Data Analysis &amp; Interpretation</td>
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<td>Majors must complete additional courses to total at least nine hours</td>
<td>Majors must complete additional courses to total at least nine hours numbered 500 or above in geology, physics, mathematics, chemistry, engineering, or computer science. Courses numbered below 500 must be approved by a geophysics advisor.</td>
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<td>numbered 500 or above in geology, physics, mathematics, chemistry, engineering, or computer science. Courses numbered below 500 must be approved by a geophysics advisor.</td>
<td>At least 6 hours from the list below or other 500 and above geology, physics, mathematics, engineering or computer science</td>
<td></td>
</tr>
<tr>
<td></td>
<td>GEOL 552 3 Introduction to Hydrogeology</td>
<td></td>
</tr>
<tr>
<td></td>
<td>GEOL 535 4 Petroleum &amp; Subsurface Geology</td>
<td></td>
</tr>
<tr>
<td></td>
<td>GEOL 536 1 Geological Log Analysis</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MATH 581 3 Numerical Methods</td>
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</tbody>
</table>

Major Hours & Major GPA

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

**Major Hours**

Satisfied by 42 **45 hours** of major courses.
Major Hours in Residence
Satisfied by a minimum of 15 hours of KU resident credit in the major.

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

Major Junior/Senior Graduation GPA
Satisfied by a minimum of a 2.0 KU GPA in junior/senior courses (300+) in the major. GPA calculations include all junior/senior courses in the field of study including F’s and repeated courses. See the Semester/Cumulative GPA Calculator.

JUSTIFICATION FOR MAKING CHANGES.

The proposed changes are required in order to make the BS Geology Geophysics Option geology course requirements compatible with the revised BS General Geology Option, also submitted at this time. In addition, specific recommendations are provided for Geophysics electives and Technical electives including new geophysics courses GEOL 578 and GEOL 776. The new curriculum takes into account course content changes in GEOL 304 and GEOL 331.

EFFECTIVE DATE. An effective date of Fall Semester 2015 is requested.

CONSULTATION WITH OTHER DEPARTMENTS/SCHOOLS OF THE UNIVERSITY.
The following departments / persons have been notified of the proposed changes and have been requested to provide approval.
Mathematics / Daniel Katz, Dept. Chair
Chemical & Petroleum Engineering / Stevin Gehrke, acting Dept. Chair
Electrical Engineering & Computer Science / Victor Frost, Dept. Chair

3. Changes to Existing Major in BS Geology – Earth & Space Science Licensure

PROPOSAL

Revision of the Geology B.S. Earth and Space Licensure Option: Refer to the table on the next page listing current degree requirements, proposed degree requirements, and changes to current degree requirements.

New requirements, changes and deletions are as follows:
• GEOL 304 was changed to a required course from an elective
• GEOL 331 title and content are revised. It remains a required course.
• GEOL 532 is no longer a required course
• ASTR 196 is removed from curriculum. The course is no longer offered by the Physics Department.
• Removed GEOL 105 and GEOL 304 from list of electives because GEOL 304 has been changed to a required course

(continued on next page)
<table>
<thead>
<tr>
<th>Current Geology BS Earth&amp;Space Licensure Option</th>
<th>Proposed BS Earth&amp;Space Licensure Option</th>
<th>Changes BS Earth&amp;Space Licensure Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 101 3 Composition or ACT English of 27 or above or SAT English of 600 or above</td>
<td>or ACT English of 27 or above or SAT English of 600 or above</td>
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</tr>
<tr>
<td>ENGL 102 3 Critical Reading &amp; Writing OR or ENGL 105 Freshman Honors English</td>
<td>or ENGL 102 3 Critical Reading &amp; Writing OR or ENGL 105 Freshman Honors English</td>
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<tr>
<td>ENGL 105 3 Composition</td>
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<tr>
<td>COMS 130 3 Speaker-Audience Communication or COMS 150 Personnal Communication</td>
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<td>Humanities 6 two courses</td>
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<tr>
<td>Soc Sci 6 two courses</td>
<td>Soc Sci 6 two courses</td>
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<td>Geology Prerequisite or Co-requisite Knowledge (37 hours)</td>
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<td>MATH 122 5 Calculus II</td>
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<td>PHSX 216 1 General Physics I Laboratory</td>
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<td>PHSX 212 3 General Physics II</td>
<td>PHSX 212 3 General Physics II</td>
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<tr>
<td>PHSX 236 1 General Physics II Laboratory</td>
<td>PHSX 236 1 General Physics II Laboratory</td>
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<tr>
<td>BIOL 150 4 Principles of Molecular &amp; Cellular Biol</td>
<td>BIOL 150 4 Principles of Molecular &amp; Cellular Biol</td>
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<td>BIOL 152 4 Principles of Organismal Biology</td>
<td>BIOL 152 4 Principles of Organismal Biology</td>
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<td>Geology Core Knowledge and Skills</td>
<td>Geology Core Knowledge and Skills (31 hours)</td>
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<td>GEOL 101 3 The way the earth works</td>
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<td>GEOL 103 2 Geology Fundamentals Laboratory</td>
<td>GEOL 103 2 Geology Fundamentals Laboratory</td>
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<td>GEOL 104 3 Historical Geology</td>
<td>GEOL 304 3 Historical Geology</td>
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<td>GEOL 311 3 Mineralogy and Structure of the Earth</td>
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<td>GEOL 331 4 Sedimentology and Surface Processes</td>
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<td>GEOL 360 2 Field Investigation</td>
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<td>GEOL 521 3 Paleontology</td>
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<td>GEOL 523 1 Paleontology Laboratory</td>
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<tr>
<td>GEOL 532 4 Stratigraphy</td>
<td>GEOL 532 removed from being a required course</td>
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<tr>
<td>GEOL 552 3 Introduction to Hydrogeology</td>
<td>GEOL 552 3 Introduction to Hydrogeology</td>
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<td>GEOL 560 3 Introductory Field Geology</td>
<td>GEOL 560 3 Introductory Field Geology</td>
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<td>GEOL 562 4 Structural Geology</td>
<td>GEOL 562 4 Structural Geology</td>
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<tr>
<td>Space Science Core Knowledge and Skills</td>
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<td>ATMO 105 5 Introduction Meteorology</td>
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<tr>
<td>ASTR 191 3 Contemporary Astronomy</td>
<td>ASTR 191 3 Contemporary Astronomy</td>
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<td>ASTR 196 1 Introductory Astronomy Laboratory</td>
<td>ASTR 196 removed. No longer offered by Physics dept.</td>
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<td>Earth and Space Required Electives</td>
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<tr>
<td>Majors must complete one of the areas below:</td>
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<tr>
<td>Geology Focus. Satisfied by 4 hours in a geology course numbered 300 or above</td>
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</tr>
<tr>
<td>Astronomy Focus. Satisfied by 4 hours in astronomy courses numbered 300 or above. This can include three hours of ASTR 390 or GEOL 399, GEOL 105, GEOL 304, or GEOL 121 also can count if taken before the completion of 60 hours.</td>
<td>Astronomy Focus. Satisfied by 4 hours in astronomy courses numbered 300 or above. This can include three hours of ASTR 390 or GEOL 399, GEOL 105, GEOL 304, or GEOL 121 also can count if taken before the completion of 60 hours.</td>
<td>removed GEOL 105 and GEOL 304 from list of approved electives</td>
</tr>
<tr>
<td>Research Methods</td>
<td>Research Methods (3 hours)</td>
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<tr>
<td>CHEM 598 3 Research Methods</td>
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</tr>
<tr>
<td>Professional Development Coursework</td>
<td>Professional Development Coursework (2 hours)</td>
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<tr>
<td>LABS 290 1 Approaches to Teaching Science &amp; Math I</td>
<td>LABS 290 1 Approaches to Teaching Science &amp; Math I</td>
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<tr>
<td>LABS 291 1 Approaches to Teaching Science &amp; Math II</td>
<td>LABS 291 1 Approaches to Teaching Science &amp; Math II</td>
<td>none</td>
</tr>
<tr>
<td>Curriculum and Teaching</td>
<td>Curriculum and Teaching (19 hours)</td>
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</tr>
<tr>
<td>C&amp;T 448 Reading and Writing across the Curriculum and 16 hours of courses approved by UKanTeach in curriculum and teaching. These should include courses such as Classroom Interactions (3), Knowing and Learning (3), Project Based Instruction (3), Student Teaching (6), and Special Topics Seminar (1).</td>
<td>C&amp;T 448 Reading and Writing across the Curriculum and 16 hours of courses approved by UKanTeach in curriculum and teaching. These should include courses such as Classroom Interactions (3), Knowing and Learning (3), Project Based Instruction (3), Student Teaching (6), and Special Topics Seminar (1).</td>
<td>none</td>
</tr>
</tbody>
</table>

**Major Hours & Major GPA**

While completing all required courses, majors must also meet each of the following hour and grade-point average minimum standards:
Major Hours
Satisfied by 46 hours of major courses.

Major Hours in Residence
Satisfied by a minimum of 15 hours of KU resident credit in the major.

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

Major Junior/Senior Graduation GPA
Satisfied by a minimum of a 2.0 KU GPA in junior/senior courses (300+) in the major. GPA calculations include all junior/senior courses in the field of study including F’s and repeated courses. See the Semester/Cumulative GPA Calculator

JUSTIFICATION

The proposed changes are required in order to make the BS Earth and Space Licensure Option core geology course requirements compatible with the revised BS General Geology Option. The new curriculum takes into account course content changes in GEOL 304 and GEOL 331. ASTR 196 is removed because it is no longer offered by the Physics Department.

EFFECTIVE DATE. An effective date of Fall Semester 2015 is requested.

CONSULTATION WITH OTHER DEPARTMENTS/SCHOOLS OF THE UNIVERSITY.
None of the proposed changes affect other departments/schools of the University.

4. Changes to Existing Major in BS Geology – General Geology

PROPOSAL

Revision of the Geology B.S. General Geology Option: Refer to the table on the next page listing current degree requirements, proposed degree requirements, and changes to current degree requirements.

New requirements, changes and deletions are as follows:
- BIOL 152 is changed from a required course to a recommended elective.
- EECS 128 is deleted from the proposed curriculum
- Added a list of nine recommended non-geology electives from which students are required to complete 10 credit hours. These are: BIOL 152, CHEM 310, GEOG 358, GEOG 526, GEOG 558, MATH 220, MATH 290, MATH 526, MATH 581. Other electives can be taken with advisor approval.
- GEOL 304 content is revised and is made into a required course
- GEOL 331 title and content are revised. It remains a required course.
- GEOL 521 is changed from a required course to a recommended elective
- GEOL 523 is changed from a required course to a recommended elective
- GEOL 532 is no longer a required course for the BS in Geology
- GEOL 572 is changed from a required course to a recommended elective
- GEOL 573 is no longer a required course for the BS in Geology
- Geology required elective hours increased from 9 to 18 hours. Provide three categories of electives (Life, Rocks, Water & Climate) from which students must elect at least one course. Those are: GEOL 316, GEOL 521, GEOL 523, GEOL 591, GEOL 535, GEOL 572, GEOL 552, GEOL 591. Additional geology elective requirements can be fulfilled by 500-level and above courses. 3 hours of GEOL 121 (taken before the student has completed 60 hrs), GEOL 391 or GEOL 399 can also count.

(continued on next page)
<table>
<thead>
<tr>
<th>Current General Geology BS</th>
<th>Proposed General Geology BS</th>
<th>Changes to General Geology BS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 101 3 Composition or ACT English of 27 or above or SAT English of 600 or above or AP English Literature &amp; Composition score of 3 or above or Equivalent transfer course</td>
<td>ENGL 101 3 Composition or ACT English of 27 or above or SAT English of 600 or above or AP English Literature &amp; Composition score of 3 or above or Equivalent transfer course</td>
<td>none</td>
</tr>
<tr>
<td>ENGL 102 3 Critical Reading &amp; Writing OR or Equivalent transfer course</td>
<td>ENGL 102 3 Critical Reading &amp; Writing OR or Equivalent transfer course</td>
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</tr>
<tr>
<td>ENGL 105 3 Freshman Honors English or Equivalent transfer course</td>
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</tr>
<tr>
<td>ENG 203 3 or ENGL 205, 209, 210, or 211, or 362 or AP English Literature &amp; Composition score of 3 or above or Equivalent transfer course</td>
<td>ENG 203 3 or ENGL 205, 209, 210, or 211, or 362 or AP English Literature &amp; Composition score of 3 or above or Equivalent transfer course</td>
<td>none</td>
</tr>
<tr>
<td>COMS 130 3 Speaker-Audience Communication or PERSONAL COMMUNICATION or Equivalent transfer course</td>
<td>COMS 130 3 Speaker-Audience Communication or PERSONAL COMMUNICATION or Equivalent transfer course</td>
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</tr>
<tr>
<td><strong>Humanities</strong> 6 Two Courses</td>
<td><strong>Humanities</strong> 6 Two Courses</td>
<td>none</td>
</tr>
<tr>
<td><strong>Soc Sci</strong> 6 Two Courses</td>
<td><strong>Soc Sci</strong> 6 Two Courses</td>
<td>none</td>
</tr>
<tr>
<td><strong>Geology Prerequisite or Co-requisite Knowledge</strong></td>
<td><strong>Geology Prerequisite or Co-requisite Knowledge (36 hours)</strong></td>
<td><strong>Changes to General Geology BS</strong></td>
</tr>
<tr>
<td>MATH 121 5 Calculus I</td>
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<tr>
<td>MATH 122 5 Calculus II</td>
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<tr>
<td>CHEM 130 5 General Chemistry</td>
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<td>CHEM 135 5 General Chemistry II</td>
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<tr>
<td>PHYS 211 4 General Physics I</td>
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<td>PHYS 212 3 General Physics II</td>
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<tr>
<td>PHYS 236 1 General Physics II Laboratory</td>
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<tr>
<td>BIOL 150 4 Principles of Molecular &amp; Cellular Biology</td>
<td>BIOL 150 4 Principles of Molecular &amp; Cellular Biology</td>
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<tr>
<td>BIOL 152 4 Principles of Organismal Biology</td>
<td>BIOL 152 4 Principles of Organismal Biology</td>
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<tr>
<td>EEC 128 3 Foundations of Information Technology or EEC 138 3 Introduction to Computing or CPE 121 3 Introduction to Computers in Engineering</td>
<td>EEC 138 3 Introduction to Computing or CPE 121 3 Introduction to Computers in Engineering</td>
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</tr>
</tbody>
</table>

**Recommended non-geology electives from following list or other course with advisor approval (10 hours):**

- BIOL 152 4 Principles of Organismal Biology
- CHEM 310 3 Fundamentals of Organic Chemistry
- GEOG 358 4 Principles of Geographic Info. Systems
- GEOG 526 4 Remote Sensing of Environment
- GEOG 558 4 Intermediate Geographical Info. Systems
- MATH 220 3 Applied Differential Equations
- MATH 290 3 Elementary Linear Algebra
- MATH 526 3 Applied Mathematical Statistics
- MATH 581 3 Numerical Methods
- GEOL 103 3 The Way the Earth works
- GEOL 105 3 Geology Fundamentals Laboratory
- GEOL 304 3 Historical Geology
- GEOL 311 3 Mineralogy and Structure of the Earth
- GEOL 312 1 Mineral Structures and Equilibria Lab
- GEOL 331 4 Sedimentology and Surface Processes
- GEOL 360 2 Field Investigation
- GEOL 512 3 Igneous and Metamorphic Petrology
- GEOL 513 1 Petrology Laboratory
- GEOL 521 3 Paleontology
- GEOL 523 1 Paleontology Laboratory
- GEOL 532 4 Stratigraphy
- GEOL 560 3 Introductory Field Geology
- GEOL 561 3 Field Geology
- GEOL 562 4 Structural Geology
- GEOL 572 3 Geophysics
- GEOL 591 3 Topics in Geology: Climate

**Geology Core Knowledge and Skills (32 hours):**

- GEOL 101 3 The Way the Earth works
- GEOL 103 2 Geology Fundamentals Laboratory
- GEOL 304 3 Historical Geology
- GEOL 311 3 Mineralogy and Structure of the Earth
- GEOL 312 1 Mineral Structures and Equilibria Lab
- GEOL 331 4 Sedimentology and Stratigraphy
- GEOL 360 2 Field Investigation
- GEOL 512 3 Igneous and Metamorphic Petrology
- GEOL 513 1 Petrology Laboratory
- GEOL 521 3 Paleontology
- GEOL 523 1 Paleontology Laboratory
- GEOL 532 4 Stratigraphy
- GEOL 560 3 Introductory Field Geology
- GEOL 561 3 Field Geology
- GEOL 562 4 Structural Geology
- GEOL 572 3 Geophysics
- GEOL 591 3 Topics in Geology: Climate

**Geology Required Electives (9 hours):**

Majors must complete additional courses to total at least 9 hours numbered 500 or above. This can include 3 hours of GEOG 399, GEOL 305, GEOL 304, or GEOL 121 can also count if taken before the student has completed 60 hours. Electives may include an upper-division course in statistics (MATH 365 or BIOL 570).

- BIOL 316 3 Geochemistry
- GEOL 521 3 Paleontology
- GEOL 523 1 Paleontology Laboratory
- GEOL 532 4 Stratigraphy
- GEOL 560 3 Introductory Field Geology
- GEOL 561 3 Field Geology
- GEOL 562 4 Structural Geology
- GEOL 572 3 Geophysics
- GEOL 591 3 Topics in Geology: Climate

**Geology Required Electives (18 hours):**

At least one course from each of the three categories listed below: Life; Water & Climate; Rocks. Additional elective credit requirements fulfilled by 500 level and above geology courses. 3 hours of GEOL 121 taken before the student has completed 60 hrs, 393 or 399 can also count. Additional elective credit requirements fulfilled by 500 level and above geology courses.

- GEOL 316 3 Geochemistry
- GEOL 521 3 Paleontology
- GEOL 523 1 Paleontology Laboratory
- GEOL 532 4 Stratigraphy
- GEOL 560 3 Introductory Field Geology
- GEOL 561 3 Field Geology
- GEOL 562 4 Structural Geology
- GEOL 572 3 Geophysics
- GEOL 591 3 Topics in Geology: Climate

**Additional Information:**

- MATH 365 or BIOL 570.
- GEOL 121 can also count if taken before the student has completed 60 hours.
- Electives may include an upper-division course in statistics (MATH 365 or BIOL 570).

- Increased number of electives to 18 hours.

- Provided three categories of electives.

- Additional elective credit requirements fulfilled by 500 level and above geology courses.
Major Hours & Major GPA
While completing all required courses, majors must also meet each of the following hour and grade-point average minimum standards:

Major Hours
Satisfied by 49 – 50 hours of major courses.

Major Hours in Residence
Satisfied by a minimum of 15 hours of KU resident credit in the major.

Major Junior/Senior Hours
Satisfied by a minimum of 18 hours from junior/senior courses (300+) in the major.

Major Junior/Senior Graduation GPA
Satisfied by a minimum of a 2.0 KU GPA in junior/senior courses (300+) in the major. GPA calculations include all junior/senior courses in the field of study including F’s and repeated courses. See the Semester/Cumulative GPA Calculator

JUSTIFICATION
The proposed changes are the result of The Department of Geology revising its curriculum in order to a) give students greater flexibility in designing a program of study based on their interests, and b) incorporate new topics that are in line with the expertise of recent faculty hires while maintaining the core strengths of the program. As a result geology required electives hours were doubled (from 9 to 18) and emphasis was placed on topics relating to Life, Rocks, Water and Climate.

EFFECTIVE DATE. An effective date of Fall Semester 2015 is requested.

CONSULTATION WITH OTHER DEPARTMENTS/SCHOOLS OF THE UNIVERSITY. The following departments / persons have been notified of the proposed changes and have been requested to provide approval.
Geography / Johan Feddema, Dept. Chair
Mathematics / Daniel Katz, Dept. Chair
Chemistry / Craig Lunte, Dept. Chair
Chemical & Petroleum Engineering / Stevin Gehrke, acting Dept. Chair
Electrical Engineering & Computer Science / Victor Frost, Dept. Chair

5. Changes to Existing Major to BS Geology – Environmental Geology

PROPOSAL

Revision of the Geology B.S. Environmental Option: Refer to the table on the next page listing current degree requirements, proposed degree requirements, and changes to current degree requirements.

New requirements, changes and deletions are as follows:
- EECS 128 is deleted from the proposed curriculum
- GEOL 304 Historical Geology is made into a required course
- GEOL 331 title and content are revised. It remains a required course
- GEOL 532 is no longer a required course for the BS Environmental Option

(continued on next page)
<table>
<thead>
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<th>Current Environmental Geology BS</th>
<th>Proposed Environmental Geology BS</th>
<th>Changes to Environmental Geology BS</th>
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<tbody>
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<td>ENGL 101 3 Composition or ACT English of 27 or above or SAT English of 600 or above or AP English Literature &amp; Composition score of 3 or above or Equivalent transfer course</td>
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<tr>
<td>ENGL 102 3 Critical Reading &amp; Writing OR</td>
<td>ENGL 102 3 Critical Reading &amp; Writing OR</td>
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<td>or ENGL 105</td>
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<td>ENGL 203 3 or ENGL 205, 209, 210, or 211, or 362 or AP English Literature &amp; Composition score of 3 or above or Equivalent</td>
<td>ENGL 203 3 or ENGL 205, 209, 210, or 211, or 362</td>
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<td>or BIOL 150 4 Principles of Molecular &amp; Cellular Biology</td>
<td>or BIOL 150 4 Principles of Molecular &amp; Cellular Biology</td>
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<tr>
<td>or BIOL 152 4 Principles of Organismal Biology</td>
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<td>or BIOL 150 4 Principles of Molecular &amp; Cellular Biology</td>
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<td>or BIOL 152 4 Principles of Organismal Biology</td>
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<td>GEOL 312 4 Sedimentology and Surface Processes</td>
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<td>GEOL 572 3 Geophysics</td>
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<td>GEOL 391 1-6 Special Studies in Geology</td>
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<td>GEOL 535 4 Petroleum &amp; Subsurface Geology</td>
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<td>GEOL 715 3 Geochemistry</td>
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<td>GEOL 770 2 Concepts of Environmental Chemistry and CE 771 1 and Environmental Chemical Analysis</td>
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<td>GEOL 530 4 Soil Geography</td>
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<td>GEOL 753 4 Chemical and Microbial Hydrogeology</td>
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<tr>
<td>BIOL 400 3 Fundamentals of Microbiology</td>
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**Environmental Hydrogeology Track**

Besides the general program above, a specialized track in hydrogeology satisfies degree requirements. In addition to College, supporting science, and geology courses, the environmental hydrogeology track requires the following mathematics and civil engineering/physics courses:

| MATH 220 3 Applied Differential Equations | MATH 220 3 Applied Differential Equations | none |
| MATH 290 2 Elementary Linear Algebra | MATH 290 2 Elementary Linear Algebra | none |
| CE 330 4 Fluid Mechanics | CE 330 4 Fluid Mechanics | none |
| or PHSX 623 Physics of Fluids | or PHSX 623 Physics of Fluids | none |

In addition, Technical Electives (9 hours). These normally are chosen from courses numbered 500 or above in geology, physics, mathematics, chemistry, engineering or computer science. Courses numbered below 500 must be approved by a geology advisor.

22
Major Hours & Major GPA
While completing all required courses, majors must also meet each of the following hour and grade-point average minimum standards:

**Major Hours**
Satisfied by 50 - 49 hours of major courses.

**Major Hours in Residence**
Satisfied by a minimum of 15 hours of KU resident credit in the major.

**Major Junior/Senior Hours**
Satisfied by a minimum of 45 hours from junior/senior courses (300+) in the major.

**Major Junior/Senior Graduation GPA**
Satisfied by a minimum of a 2.0 KU GPA in junior/senior courses (300+) in the major. GPA calculations include all junior/senior courses in the field of study including F’s and repeated courses. See the Semester/Cumulative GPA Calculator.

**JUSTIFICATION**

The proposed changes are required in order to make the BS Geology Environmental Option core geology course requirements compatible with the revised BS General Geology Option. The new curriculum takes in to account course content changes in GEOL 304 and GEOL 331.

**EFFECTIVE DATE.** An effective date of Fall Semester 2015 is requested.

**CONSULTATION WITH OTHER DEPARTMENTS/SCHOOLS OF THE UNIVERSITY.**
The following departments / persons have been notified of the proposed changes and have been requested to provide approval. Electrical Engineering & Computer Science / Victor Frost, Dept. Chair

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5. **Changes to Existing Major to BS Geology – Engineering Geology**

**PROPOSAL**

**Revision of the Geology B.S. Engineering Option:** Refer to the table on the next page listing current degree requirements, proposed degree requirements, and changes to current degree requirements.

New requirements, changes and deletions are as follows:
- EECS 128 is deleted from the proposed curriculum
- GEOL 304 Historical Geology replaced GEOL 105 History of the Earth
- GEOL 331 title and content are revised. It remains a required course.
- GEOL 573 is no longer a required course for the BS Engineering Option
- GEOL 532 is no longer an elective course for the BS Engineering Option

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<td>ENGL 362 3 Foundations of Technical Writing or AP English Literature &amp; Composition score of 5 or above or Equivalent</td>
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<td>COMS 130 3 Speaker-Audience Communication or COMS 150 3 Personal Communication</td>
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<td>MATH 122 5 Calculus II</td>
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<td>PHSX 211 4 General Physics I</td>
<td>PHSX 211 4 General Physics I</td>
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<tr>
<td>PHSX 216 1 General Physics I Laboratory</td>
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<td>PHSX 212 3 General Physics II</td>
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<td>PHSX 236 1 General Physics II Laboratory</td>
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<tr>
<td>EECS 128 3 Foundations of Information Technology or EECS 138 3 Introduction to Computing or CPE 121 Introduction to Computers in Engineering</td>
<td>EECS 138 3 Introduction to Computing or CPE 121 Introduction to Computers in Engineering</td>
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<tr>
<td>CE 201 2 Statics</td>
<td>CE 201 2 Statics</td>
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<tr>
<td>CE 300 3 Dynamics</td>
<td>CE 300 3 Dynamics</td>
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<tr>
<td>CE 311 3 Strength of Materials</td>
<td>CE 311 3 Strength of Materials</td>
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<td>CE 330 4 Fluid Mechanics</td>
<td>CE 330 4 Fluid Mechanics</td>
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<td>CE 455 3 Hydrology</td>
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<table>
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<tr>
<th>Geology Core Knowledge and Skills</th>
<th>Geology Core Knowledge and Skills (42 hours)</th>
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<tr>
<td>GEOL 101 3 The way the Earth works</td>
<td>GEOL 101 3 The Way the Earth Works</td>
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<td>GEOL 103 2 Geology Fundamentals Laboratory</td>
<td>GEOL 103 2 Geology Fundamentals Laboratory</td>
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<td>GEOL 304 3 History of the Earth</td>
<td>GEOL 304 3 History of the Earth</td>
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<td>GEOL 311 3 Mineralogy and Structure of the Earth</td>
<td>GEOL 311 3 Mineralogy and Structure of the Earth</td>
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<td>GEOL 312 1 Mineral Structures and Equilibria Lab</td>
<td>GEOL 312 1 Mineral Structures and Equilibria Lab</td>
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<tr>
<td>GEOL 331 4 Sedimentology and Surface Processes</td>
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<td>GEOL 512 3 Igneous and Metamorphic Petrology</td>
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<td>GEOL 513 1 Petrology Laboratory</td>
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<td>GEOL 541 3 Geomorphology</td>
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<td>GEOL 572 3 Geophysics</td>
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<td>or GEOL 573 Geodynamics and Plate Tectonics</td>
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<table>
<thead>
<tr>
<th>Geology or Civil Engineering Required Electives</th>
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<tr>
<td>Majors must complete 3 additional geology or civil engineering courses, at least 2 of which must be from the following: GEOL 521, GEOL 532, GEOL 535, GEOL 715, GEOL 751, CE 770 and CE 771</td>
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<tr>
<td>GEOL 521 3 Paleontology</td>
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<tr>
<td>BIOL 570 3 Introduction to Biostatistics</td>
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NO HOURS CHANGES
JUSTIFICATION

The proposed changes are required in order to make the BS Geology Engineering Option core geology course requirements compatible with the revised BS General Geology Option. The new curriculum takes in to account course content changes in GEOL 304 and GEOL 331.

EFFECTIVE DATE. An effective date of Fall Semester 2015 is requested.

CONSULTATION WITH OTHER DEPARTMENTS/SCHOOLS OF THE UNIVERSITY.
The following departments / persons have been notified of the proposed changes and have been requested to provide approval.

Chemical & Petroleum Engineering / Stevin Gehrke, acting Dept. Chair
Electrical Engineering & Computer Science / Victor Frost, Dept. Chair

6. Changes to Existing Major in BS Geology – Engineering Geology

PROPOSAL

Revision of the Geology B.S. Engineering Option: Refer to the table on the next page listing current degree requirements, proposed degree requirements, and changes to current degree requirements.

New requirements, changes and deletions are as follows:
• EECS 128 is deleted from the proposed curriculum
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• GEOL 573 is no longer a required course for the BS Engineering Option
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Changes to Engineering Option:
- GEOL 532 removed
- GEOL 535, GEOL 715, GEOL 751, CE 770 and CE 771
- GEOL 571 3 Geochemistry
- GEOL 751 3 Physical Hydrogeology
- CE 770 2 Concepts of Environmental Chemistry
- CE 771 1 Environmental Chemical Analysis
- MATH 365 3 Elementary Statistics
- BIOL 570 3 Introduction to Biostatistics

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NO HOURS CHANGES

JUSTIFICATION

The proposed changes are required in order to make the BS Geology Engineering Option core geology course requirements compatible with the revised BS General Geology Option. The new curriculum takes into account course content changes in GEOL 304 and GEOL 331.

EFFECTIVE DATE. An effective date of Fall Semester 2015 is requested.

CONSULTATION WITH OTHER DEPARTMENTS/SCHOOLS OF THE UNIVERSITY.
The following departments / persons have been notified of the proposed changes and have been requested to provide approval:

Chemical & Petroleum Engineering / Stevin Gehrke, acting Dept. Chair
Electrical Engineering & Computer Science / Victor Frost, Dept. Chair

7. Changes to Existing Major in BA & BGS History of Art

CURRENT Requirements for the B.A. or B.G.S. Major
History of Art Core Knowledge and Skills (15)
Select at least 1 course (3 hours) at or above the 200 level in each of these 5 categories:

Ancient or Medieval Art. Satisfied by one Ancient or Medieval Art course.
Renaissance or Baroque Art. Satisfied by one Renaissance or Baroque Art course.
Modern Art (19th-21st-century art, American art, & history of photography). Satisfied by one Modern Art course.
East Asian Art. Satisfied by one East Asian Art course.
Non-Western (East Asian or African) Art. Satisfied by one Non-Western (East Asian or African) Art course.

Studio Art or Aesthetics Option (0)
A studio art or aesthetics course (or philosophy course approved by advisor).

History of Art Required Electives (0)
12 hours elective required if student takes a course in studio art or aesthetics.
15 hours elective required if student DOES NOT take a course in studio art or aesthetics.

Note: HA 100/HA 300 is a 1-semester survey of Western art history intended for non-majors and does not count toward the 30 required hours in art history. A student who takes HA 100 or HA 300 and then decides to major in art history must then also take either HA 150 or HA 151 (or both). A student who already has credit in either HA 150 or HA 151, however, should not take HA 100 or HA 300.

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

Major Hours
Satisfied by 30 hours of major courses.

Major Hours in Residence
Satisfied by a minimum of 15 hours of KU resident credit in the major.

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

Major Junior/Senior Graduation GPA
Satisfied by a minimum of a 2.0 KU GPA in junior/senior courses (300+) in the major. GPA calculations include all junior/senior courses in the field of study including F’s and repeated courses. See the Semester/Cumulative GPA Calculator.

PROPOSED Requirements for the B.A. or B.G.S. Major

1. Foundation Courses (9 hours)
2. Breadth Courses: Complete one course at or above the 300 level in each of the following six categories (18 hours):

[A NOTE TO CUSA: We wish to insert menus of qualifying courses for each category, to be provided in a separate document.]

A. Art between 400-1400: European, Mediterranean or Near Eastern
B. Art between 1300-1600: European, Mediterranean or Near Eastern
C. Art between 1600 and 1700: European
D. Art between 1700 and 1900: European or American
E. Asian Art before 1900
F. Art after 1900

3. Complete an art history course (3 hours) approved for Goal 6 in the KU Core. (The Goal 6 art history course may also fulfill one of the breadth requirements above, in which case an elective course should be taken for the final 3 required hours of art history.)

4. Art history elective (0-3 hours; see number 3 above).

Total: 30 hours

Note: HA 100/HA 300 is a 1-semester survey of Western art history intended for non-majors and does not count toward the 30 required hours in art history. A student who takes HA 100 or HA 300 and then decides to major in art history must then also take either HA 150 or HA 151 (or both). A student who already has credit in either HA 150 or HA 151, however, should not take HA 100 or HA 300.

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

Major Hours
Satisfied by 30 hours of major courses.

Major Hours in Residence
Satisfied by a minimum of 15 hours of KU resident credit in the major.

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

Major Junior/Senior Graduation GPA
Satisfied by a minimum of a 2.0 KU GPA in junior/senior courses (300+) in the major. GPA calculations include all junior/senior courses in the field of study including F’s and repeated courses. See the Semester/Cumulative GPA Calculator.

JUSTIFICATION FOR MAKING CHANGES:
We wish to implement these new foundation and breadth requirements to ensure that our majors gain a broad art-historical education encompassing the many different areas represented by our full-time faculty. The new requirements also incorporate a newly proposed capstone course which will likely be joined in the future by additional courses that we will nominate for Goal 6 in the KU Core.

A. Art between 400-1400: European, Mediterranean or Near Eastern

HA 393. Special Study in Medieval Art: _____.
HA 506. Early Medieval and Romanesque Art.
HA 507. Gothic Art.
HA 510. Medieval Manuscripts and Early Printed Books.
HA 593. Special Study in Medieval Art: _____.
HA 527. Late Medieval Art in Italy.

B. Art between 1300-1600: European, Mediterranean or Near Eastern

HA 341. Special Study in Islamic Art, 14th-17th Century.
HA 394. Special Study in Renaissance Art: _____.
HA 500. Prints and Printmakers.
HA 508. The Italian Renaissance Home.
HA 530. Renaissance Art in Italy: The 15th Century.
HA 531. Renaissance Art in Italy: The 16th Century.
HA 532. Michelangelo.
HA 541. Special Study in Islamic Art, 14th-17th Century.
HA 575. Northern Renaissance Art.
HA 594. Special Study in Renaissance Art: _____.

C. Art between 1600 and 1700: European

HA 395. Special Study in Baroque Art: _____.
HA 576. Northern Baroque Art.
HA 577. Italian Baroque Art.
HA 595. Special Study in Baroque Art: _____.

D. Art between 1700 and 1900: European or American

HA 342. Special Study in 18th/19th-Century European or American Art.
HA 533. European Art 1789-1848: Gender and Revolution.
HA 534. Art in France 1848-1900: Modernisms.
HA 542. Special Study in 18th/19th-Century European or American Art.
HA 570. American Art.
HA 582. American Art 1860-1900: Gilded Age.

E. Asian Art before 1900

HA 340. Special Study in Asian Art before 1900.
HA 367. Art and Culture of Japan.
HA 368. Art and Culture of China.
HA 369. Art and Culture of Korea.
HA 361. Buddhist Art of Korea.
HA 362. Ceramics of Korea.
HA 467. Art and Culture of Japan, Honors.
HA 468. Art and Culture of China, Honors.
HA 469. Art and Culture of Korea, Honors.
HA 488. Chinese Painting, Honors.
HA 540. Special Study in Asian Art before 1900.
HA 545. Early Chinese Art.
HA 549. Chinese Painting.
HA 561. Buddhist Art of Korea.
HA 562. Ceramics of Korea.
HA 585. The Art of Buddhism.
8. REQUEST TO CHANGE DEPARTMENTAL HONORS REQUIREMENTS IN ART HISTORY

Departmental Honors (CURRENT REQUIREMENTS)
The department invites art history undergraduate majors to apply for graduation with departmental honors. They must meet the following criteria:

1. An overall grade-point average of at least 3.25 and an art history grade-point average of 3.5 at the time of declaring intention to seek honors.
2. In consultation with the departmental honors coordinator and with approval from a supervising professor, declared intention of seeking honors no later than the time of enrollment for the final undergraduate semester.
3. Enrollment in an art history graduate seminar for which the student must write a substantial, original research paper to be submitted to the supervising professor as an honors essay.
4. Approval of the honors essay by the supervising professor and 2 other faculty members who, as a committee, certify to the departmental honors coordinator that the student has successfully completed the requirements to earn honors.

Departmental Honors (PROPOSED REQUIREMENTS)
The department invites art history undergraduate majors to apply for graduation with departmental honors. They must meet the following criteria:

1. An overall grade-point average of at least 3.25 and an art history grade-point average of 3.5 at the time of declaring intention to seek honors.
2. In consultation with the departmental honors coordinator and with approval from a supervising professor, declared intention of seeking honors no later than the time of enrollment for the final undergraduate semester.
3. Enrollment in HA 498 Honors Essay and full participation in a concurrent art history graduate seminar (numbered 700 or above) for which the student must write a substantial, original research paper to be submitted to the supervising professor as an honors essay.
4. Approval of the honors essay by the supervising professor and 2 other faculty members who, as a committee, certify to the departmental honors coordinator that the student has successfully completed the requirements to earn honors.

JUSTIFICATION FOR MAKING CHANGES:
Most of our majors will fulfill KU Core Goal 6 through our new capstone course or other courses that we expect to nominate for Goal 6. However, we hope that our very best majors with the requisite GPAs will want to fulfill Goal 6 by earning departmental honors. HA 498 is currently listed in the catalog as fulfilling Goal 6 and therefore will not need to be nominated for that purpose. Therefore, it makes sense to use HA 498 for the purpose described above, while still
requiring students who enroll in HA 498 to participate (but not to enroll) in an art history graduate seminar meeting in that same semester.

9. Changes to Existing Major to BFA History of Art

PROPOSAL

CURRENT CATALOG TEXT  http://catalog.ku.edu/arts/visual-art/bfa-art-history/

Bachelor of Fine Arts in History of Art
First-Year Preparation

A minimum of 12 hours in foundations courses is required before a student may enroll in further studio classes for a B.F.A., B.A., or B.A.E. degree:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 101</td>
<td>Drawing I</td>
<td>3</td>
</tr>
<tr>
<td>ART 102</td>
<td>Drawing II</td>
<td>3</td>
</tr>
<tr>
<td>ART 103</td>
<td>Art Concepts and Practice</td>
<td>3</td>
</tr>
<tr>
<td>ART 104</td>
<td>Art Principles and Practice</td>
<td>3</td>
</tr>
</tbody>
</table>

Additional specified prerequisites must be completed before enrollment in advanced visual art studio courses.

The foundations enrollment should be followed for 2 semesters (15 hours each semester):

Foundations (12)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 101</td>
<td>Drawing I</td>
<td>3</td>
</tr>
<tr>
<td>ART 102</td>
<td>Drawing II</td>
<td>3</td>
</tr>
<tr>
<td>ART 103</td>
<td>Art Concepts and Practice</td>
<td>3</td>
</tr>
<tr>
<td>ART 104</td>
<td>Art Principles and Practice</td>
<td>3</td>
</tr>
</tbody>
</table>

English (6)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 101</td>
<td>Composition</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 102</td>
<td>Critical Reading and Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

or placement in and completion of ENGL 102/105 and an additional Goal 2 Outcome 1 course.

History of art (6)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HA 150</td>
<td>Western Art History I: Ancient Through Medieval Art</td>
<td>3</td>
</tr>
<tr>
<td>HA 151</td>
<td>Western Art History II: Renaissance to Contemporary Art</td>
<td>3</td>
</tr>
</tbody>
</table>

Bachelor of Fine Arts in History of Art

Bachelor of Fine Arts in History of Art Degree Requirements

A major in the history of art is available to candidates for the B.F.A. degree. This major combines a 30-hour concentration in art history with 18 hours of studio training (beyond the 12 hours of foundation courses). A total of 120 hours is required for the degree, including 45 junior/senior hours (courses numbered 300 or higher). 30 of these 45 junior/senior hours must be taken in residence at the University of Kansas. The B.A. and B.G.S. degrees are offered by the College of Liberal Arts and Sciences.

Requirements for the B.F.A. Degree
Major Program Courses (48)

History of art:

**HA 150** Western Art History I: Ancient Through Medieval Art 3
**HA 151** Western Art History II: Renaissance to Contemporary Art 3

Select at least one course at or above the 200 level in each of the following five categories: 15

1. Ancient or medieval art;
2. Renaissance or baroque art;
3. Modern art, which includes 19th- and 20th-century art, American art, and history of photography. **HA 261** does not fulfill requirement;
4. East Asian;
5. Non-Western (East Asian or African).

History of art electives 9

Electives in art and design: Satisfied by completing 18 hours of coursework with subject code (ART, CER, EXM, METL, PNTG, PRNT, SCUL, TD, VAE, PHMD, INTD, ILLU, INDD, BDS, VISC, ADS) 18

General Education Courses (0)

Completion of KU Core Requirements. (see KU Core section of the catalog)

Liberal Arts and Sciences/Foundation Studies Courses (43) 43

**ART 101** Drawing I
**ART 102** Drawing II
**ART 103** Art Concepts and Practice
**ART 104** Art Principles and Practice

Writing Requirement – **ENGL 101** and 102, or placement in and completion of ENGL 102/105 and an additional Goal 2 Outcome 1 course.

Foreign language: A fourth-level proficiency in one language, or third-level proficiency in one language and first-level proficiency in another.

NEW CATALOG TEXT [http://catalog.ku.edu/arts/visual-art/bfa-art-history/](http://catalog.ku.edu/arts/visual-art/bfa-art-history/)

**Bachelor of Fine Arts in History of Art**

**First-Year Preparation**

A minimum of 12 hours in foundations courses is required before a student may enroll in further studio classes for a B.F.A., B.A., or B.A.E. degree:

**ART 101** Drawing I 3
**ART 102** Drawing II 3
**ART 103** Art Concepts and Practice 3
**ART 104** Art Principles and Practice 3

Additional specified prerequisites must be completed before enrollment in advanced visual art studio courses.

The foundations enrollment should be followed for 2 semesters (15 hours each semester):

Foundations (12)

**ART 101** Drawing I 3
**ART 102** Drawing II 3
**ART 103** Art Concepts and Practice 3
**ART 104** Art Principles and Practice 3
Bachelor of Fine Arts in History of Art

Bachelor of Fine Arts in History of Art Degree Requirements

A major in the history of art is available to candidates for the B.F.A. degree. This major combines a 30-hour concentration in art history with 18 hours of studio training (beyond the 12 hours of foundation courses). A total of 120 hours is required for the degree, including 45 junior/senior hours (courses numbered 300 or higher). 30 of these 45 junior/senior hours must be taken in residence at the University of Kansas. The B.A. and B.G.S. degrees are offered by the College of Liberal Arts and Sciences.

Requirements for the B.F.A. Degree
Major Program Courses (48)

History of art:

5. Foundation Courses (9 hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HA 150</td>
<td>History of Western Art: Ancient through Medieval</td>
<td>3</td>
</tr>
<tr>
<td>HA 151</td>
<td>History of Western Art: Renaissance to Contemporary</td>
<td>3</td>
</tr>
</tbody>
</table>

and

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HA 165</td>
<td>Introduction to Asian Art</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HA 166</td>
<td>Visual Arts of East Asia</td>
<td></td>
</tr>
</tbody>
</table>

6. Breadth Courses: Complete one course at or above the 300 level in each of the following six categories (18 hours):

<table>
<thead>
<tr>
<th>Category</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>G</td>
<td>Art between 400-1400: European, Mediterranean or Near Eastern</td>
</tr>
<tr>
<td>H</td>
<td>Art between 1300-1600: European, Mediterranean or Near Eastern</td>
</tr>
<tr>
<td>I</td>
<td>Art between 1600 and 1700: European, Mediterranean or Near Eastern</td>
</tr>
<tr>
<td>J</td>
<td>Art between 1700 and 1900: European or American</td>
</tr>
<tr>
<td>K</td>
<td>East Asian Art before 1900</td>
</tr>
<tr>
<td>L</td>
<td>Art after 1900</td>
</tr>
</tbody>
</table>

7. Complete an art history course (3 hours) or studio course (3-6 hours) approved for Goal 6 in the KU Core. (The Goal 6 art history course may also fulfill one of the breadth requirements above, in which case an elective course should be taken for the final 3 required hours of art history. If a Goal 6 studio course is taken, an elective course should be taken for the final 3 required hours of art history.)

8. Art history elective (0-3 hours; see number 3 above).

Electives in art and design: Satisfied by completing 18 hours of coursework with subject code (ART, CER, EXM, METL, PNTG, PRNT, SCUL, TD, VAE, PHMD, INTD, ILLU, INDD, BDS, VISC, ADS) 18

General Education Courses (0)
Completion of KU Core Requirements. (see KU Core section of the catalog)
Liberal Arts and Sciences/Foundational Studies Courses (43)

| Course      | Title                          |
|-------------|--------------------------------|-------|
| ART 101     | Drawing I                      | 3     |
**ART 102** Drawing II  
**ART 103** Art Concepts and Practice  
**ART 104** Art Principles and Practice

Writing Requirement – ENGL 101 and 102, or placement in and completion of ENGL 102/105 and an additional Goal 2 Outcome 1 course.

Foreign language: A fourth-level proficiency in one language, or third-level proficiency in one language and first-level proficiency in another.

**JUSTIFICATION FOR MAKING CHANGES**

The proposed changes applied to the HA BFA degree offered by the Department of Visual Art parallel the changes requested for the HA BA and BGS. The changes in the HA requirements do not change any of the studio requirements in the Visual Art Department but provide cohesiveness to all degree requirements with a HA component (BA; BGS; BFA)

**EFFECTIVE DATE** FALL 2015