Course Inventory Change Request

Viewing: **BINF 701 : Computational Biology Bioinformatics I**

**Last edit:** 11/03/17 3:26 pm

Changes proposed by: douglass

**Catalog Pages referencing this course**
- College of Liberal Arts & Sciences
- Computational Biology Program

**Courses:**
- BINF-PhD: Computational Biology, Ph.D.
- MATH-RS: Mathematics, R.S.

**Academic Career**
Graduate, Lawrence

**Subject Code**
BINF

**Course Number**
701

**Academic Unit**
Department: Computational Biology
School/College: College of Lib Arts & Sciences

**Do you intend to offer any portion of this course online?**
No

**Title**
Computational Biology Bioinformatics I

**Transcript Title**
Computational Biology Bioinformatics I

**Effective Term**
Fall 2018

**Catalog Description**
First semester of a two-semester course in bioinformatics and computational biology. Topics include basic concepts of bioinformatics and molecular modeling, bioinformatics databases, computational tools and modeling methods, protein sequence and structure alignment, conformational analysis, secondary structure determination, tertiary structure modeling (homology, threading, ab initio, molecular dynamics and Monte Carlo simulations, protein folding and dynamics), networks, data mining and machine learning, as well as student presentations of material from current papers in the field of study and their own on-going research for discussion and critique.

**Prerequisites**
College introductory biochemistry (no requirement for specific courses), math, and computer courses or concurrent enrollment in such courses and consent of instructor.

**Cross Listed Courses:**
- Lecture (Regularly scheduled academic course) (LEC)
- A-D(+/-)FI (G11)
- Only Fall Semester
- No

**Does this course fulfill RSRS (Research Skills Responsible Scholarship)?**
Yes

**BINF701702_Syllabus.pdf**

**Will this course be required for a degree, major, minor, certificate, or concentration?**
Yes

**Which Program(s)?**
- (BINF-PhD) Computational Biology, Ph.D.

**Describe how:**
701 is one of the core courses required for the degree.

In Workflow
1. CLAS Graduate Program and Course Coordinator
2. CGS PCC Subcommittee
3. CGS Committee
4. CAC
5. CLAS Final Approval
6. Graduate Studies
7. Registrar
8. PeopleSoft

Approval Path
1. 11/03/17 3:26 pm Rachel Schwien (rschwien): Approved for CLAS Graduate Program and Course Coordinator
2. 11/16/17 12:12 pm Rachel Schwien (rschwien): Approved for CGS PCC Subcommittee
<table>
<thead>
<tr>
<th><strong>Rationale for Course Proposal</strong></th>
<th>Minor wording changes to reflect an updated version of the course as currently taught.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Course Reviewer Comments</strong></td>
<td><strong>Rachel Schwien (rschwien) (11/02/17 4:46 pm):</strong> Rollback: per request</td>
</tr>
</tbody>
</table>
### Course Inventory Change Request

**Date Submitted:** 11/02/17 5:03 pm  

**Viewing:** **BINF 702 : Computational Biology Bioinformatics-II**  

**Last edit:** 11/02/17 5:03 pm  

Changes proposed by: douglass

#### Catalog Pages referencing this course
- College of Liberal Arts & Sciences
- Computational Biology Program

#### Programs
- BINF-PhD: Computational Biology, Ph.D.
- MATH-RS: Mathematics, R.S.

#### Academic Career
- Graduate, Lawrence

#### Subject Code
- BINF

#### Course Number
- 702

#### Academic Unit
- Department: Computational Biology  
  School/College: College of Lib Arts & Sciences

#### Do you intend to offer any portion of this course online?
- No

#### Title
- Computational Biology Bioinformatics II

#### Transcript Title
- Computational Biology Bioinformatics II

#### Effective Term
- Fall 2018

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

#### Prerequisites
- BINF 701.

#### Cross Listed Courses:

#### Credits
- 5

#### Course Type
- Lecture (Regularly scheduled academic course) (LEC)

#### Grading Basis
- A-D(+/-)FI (G11)

#### Typically Offered
- Only Spring Semester

#### Repeatable for credit?
- No

#### Does this course fulfill RSRS (Research Skills Responsible Scholarship)?
- Yes

#### Approval Path
1. 11/03/17 3:26 pm  
   Rachel Schwien: Approved for CLAS Graduate Program and Course Coordinator
2. 11/16/17 12:12 pm  
   Rachel Schwien: Approved for CGS PCC Subcommittee

#### BINF 701702_Syllabus.pdf

#### Will this course be required for a degree, major, minor, certificate, or concentration?
- Yes

#### Which Program(s)?
- (BINF-PhD) Computational Biology, Ph.D.

#### Describe how:
- 702 is one of the core courses required for the degree.
<table>
<thead>
<tr>
<th>Course Reviewer Comments</th>
<th>Rachel Schwien (rschwien) (11/02/17 4:46 pm): Rollback: per request</th>
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</thead>
</table>

Rationale for Course Proposal

Minor wording changes to reflect an updated version of the course as currently taught.
Program Change Request

Date Submitted: 10/26/17 8:21 am

Viewing: ABSC-JDEG : Joint Degree: Ph.D. in Behavioral Psychology and Master of Public Health

Last approved: 03/02/16 12:31 pm
Last edit: 11/09/17 3:00 pm
Changes proposed by: afward

Catalog Pages Using this Program

Joint Degree: Ph.D. in Behavioral Psychology and Master of Public Health

Academic Career
Graduate, Lawrence

Program Type
Joint Degree

Constituent Programs
Department/Program
Applied Behavioral Science

Department/Program #2

School/College
College of Lib Arts & Sciences

School/College #2

Degree Code
-

Degree Code #2

Consulting School(s)/College(s)

School(s)/College(s)
College of Lib Arts & Sciences

Consulting Department(s)

Program Name
Joint Degree: Ph.D. in Behavioral Psychology and Master of Public Health

Do you intend to offer a track(s)?

Do you intend for this program to be offered online?

No

Effective Catalog
2018 2018-2019
2017

Program Description

Degree Requirements

Joint Ph.D. M.P.H. Degree

Department of Applied Behavioral Science and Department of Preventive Medicine

Offered by the Department of Applied Behavioral Science (Lawrence) and the Department of Preventive Medicine and Public Health (KU Medical Center, Kansas City and Wichita). This joint program is the first in the nation to combine the strengths of advanced study in applied behavioral science with a Master of Public Health (M.P.H.) degree. It results from a unique collaboration between two units: the Department of Applied Behavioral Science, offering a Ph.D. in Behavioral Psychology; and the Department of Preventive Medicine and Public Health, with its M.P.H. program.

Coursework

Requirements for the Joint Ph.D./M.P.H. Degree (*may count toward both degrees) M.P.H. Degree Requirements: 39 42-credit hours

<table>
<thead>
<tr>
<th>Required Courses (21)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRVM 800</td>
</tr>
</tbody>
</table>

Principles of Epidemiology

In Workflow

A. CLAS Graduate Program and Course Coordinator
B. CGS PCC Subcommittee
C. CGS Committee
D. CAC
E. CLAS Final Approval
F. Future Academic Catalog

Approval Path

A. 11/14/17 8:52 am
Rachel Schwien (rschwien): Approved for CLAS Graduate Program and Course Coordinator
B. 11/16/17 12:24 pm
Rachel Schwien (rschwien): Approved for CGS PCC Subcommittee

History

A. Mar 2, 2016 by phh
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>PRVM 809</td>
<td>Introduction to Public Health</td>
<td>3</td>
</tr>
<tr>
<td>PRVM 818</td>
<td>Social and Behavioral Aspects of Public Health</td>
<td>3</td>
</tr>
<tr>
<td>PRVM 827</td>
<td>Public Health Administration</td>
<td>3</td>
</tr>
<tr>
<td>PRVM 802</td>
<td>Environmental Health</td>
<td>1</td>
</tr>
<tr>
<td>PRVM 830</td>
<td>Environmental Health</td>
<td>3</td>
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<tr>
<td>PRVM 875</td>
<td>Management of Public Health Data</td>
<td>3</td>
</tr>
<tr>
<td>BIOS 714</td>
<td>Fundamentals of Biostatistics I</td>
<td>3</td>
</tr>
<tr>
<td>or BIOS 704</td>
<td>Principles of Statistics in Public Health</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Effective Courses (17 credit hours; may include required or recommended courses)</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Shared PhD Courses satisfies requirements for the MPH Concentration in Social and Behavioral Health (9)</strong></td>
<td>9</td>
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<tr>
<td>ABSC 710</td>
<td>Community Health and Development</td>
<td></td>
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<tr>
<td>ABSC 735</td>
<td>Within Subjects Research Methodology and Direct Observation</td>
<td></td>
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<tr>
<td>ABSC 706</td>
<td>Community Health and Development</td>
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<tr>
<td>ABSC 807</td>
<td>Design and Evaluation of Community Health Promotion Methods</td>
<td>1-6</td>
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<tr>
<td>ABSC 746</td>
<td>Introduction to Behavioral Science</td>
<td></td>
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<tr>
<td>ABSC 816</td>
<td>Principles of Behavioral Analysis</td>
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<tr>
<td>ABSC 875</td>
<td>Practicum in Community Health Promotion</td>
<td>1-6</td>
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<tr>
<td>ABSC 876</td>
<td>Practicum in Community Development</td>
<td>1-6</td>
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<td></td>
<td><strong>MPH Elective (3)</strong></td>
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<tr>
<td>PRVM 8XX</td>
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<td>3</td>
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<td></td>
<td><strong>Public Health Internship and Capstone (6)</strong></td>
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<tr>
<td>PRVM 891</td>
<td>Public Health Internship</td>
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<tr>
<td>PRVM 893</td>
<td>Public Health Capstone</td>
<td>3</td>
</tr>
</tbody>
</table>

Rationale for proposal
Courses PRVM 802 and ABSC 796 have been retired.
**Program Description**

**Degree Requirements**

**M.A. Degree Requirements**

**Course Work**

A minimum of 30 graduate credit hours (500 level or above) is required in social sciences or humanities courses with Latin American content. Requirements are meant to provide training in research design, content breadth, disciplinary breadth as well as exposure to discipline-specific methods and problems, independent research, and language competence or Caribbean content.

A. Research Design: Research Design in International Area Studies (LAA 700) 3 hrs

B. Area Content: At least 18 hours must have 50 to 100 percent of their content dedicated to Latin America or the Caribbean. 7-8 Literature courses with Latin American or Caribbean content, which must meet content at the following requirements (an individual course 500 level or above (except PORT 611 and HAIT 500) may count towards multiple requirements) 21-24 hrs

A. be counted as part of the 30 required hours. Up to 12 graduate hours (4 courses) of from the area content courses must University of Costa Rica may be applied to the 700-level or above

B. M.A. 12 hours (4 courses) To be eligible, students must be selected from the program's list have completed one semester of approved courses with course work at least 50% Latin American / Caribbean content

C. KU and must obtain the graduate advisor’s approval of the UCR courses. Courses must be drawn from at least two separate disciplines

D. 9 hours (3 courses) must constitute a “specialization cluster” designed to prepare the student for the thesis / comparative research paper. The specialization cluster may be Required courses are LAA 700 Introduction to Latin American Library Resources, LAA 701 Interdisciplinary Seminar in a topic / issue, in a geographical area, in a particular discipline, etc., Latin American Culture and is designed in consultation Problems, and 2 other
M.A. Degree Options

Thesis and nonthesis degrees are offered. The thesis degree is most appropriate as preparation for a doctoral program and dissertation. Students must declare their intention to write a thesis before the end of the first year and form a committee of three faculty members, each from a different discipline. The student defends the completed thesis in an oral examination before this committee. A student must enroll in at least 3 credit hours of thesis. Students may count up to 6 credit hours of thesis toward the degree. The nonthesis M.A. degree is suitable for a career in public service or business. The culmination of the nonthesis M.A. is an oral examination during the last semester of the student’s program. The Center for Latin American and Caribbean Studies produces a handout, Nonthesis M.A. Degree Option: Oral Exam Guidelines.

According to the continuous enrollment policy of the College, once the student's course work is completed, the student must enroll in at least 1 credit hour of Graduate Studies. A thesis/nonthesis option students must enroll in only 3 hours during the first fall semester. All students must consult the graduate advisor before enrollment each semester. Up to 12 graduate hours from the University of Costa Rica may be applied to the M.A. To be eligible, students must have completed one semester of course work at KU and must obtain the graduate advisor's approval of the UCR courses.

Language Proficiency

M.A. candidates must demonstrate comprehensive proficiency in Spanish or Portuguese. This includes aural, speaking, reading, and writing ability. Completion of SPAN 424 and SPAN 428 or a higher-level course constitutes comprehensive proficiency in Spanish. Comprehensive proficiency in Portuguese requires completion of a 500-level or higher literature course. The language requirements should be satisfied as early as possible. Students also must complete two semesters in a second language (SPAN 104 and SPAN 108; PORT 104 and PORT 108), or the equivalent (e.g. PORT 611). Quichua, Kaqchikel Maya, or Haitian Creole may be substituted as the language of reading proficiency with approval of the director.

Recommended Graduate Courses

Courses with a blank (_____) at the end of their titles are typically topics or seminar courses that may be repeated for credit. Usually these courses offer different topics each time they are taught. Students should check with the course instructor about the requirements to take the course and what the topic will be when it is offered.

These courses have 50 to 100 percent Latin American or Caribbean content:

AAAS/HIST 574  Slavery in the New World  3
ANTH 500  Topics in Archaeology: _____ (taught by Hoopes)  3
ANTH 501  Topics in Sociocultural Anthropology: _____ (taught by Metz)  3
ANTH 506  Ancient American Civilizations: Mesoamerica  3
ANTH 507  The Ancient Maya  3
ANTH 508  Ancient American Civilizations: The Central Andes  3
ANTH 718  Seminar in Latin American Archaeology: _____  3
ANTH 775  Seminar in Cultural Anthropology: _____ (taught by Dean, Gibson, Metz)  3-9
ANTH 785  Topics in Ethnology: _____ (taught by Dean or Metz)  3
ECON 584  Economic Development of Latin America  3
ENGL 790  Studies in: _____  3
FMS 702  Graduate Seminar in: _____  1-3
GEOG 571  Topics in Cultural Geography: _____ (taught by Brown or Herlihy)  1-3
GEOG 591  Geography of Latin America  3
GEOG 592  Middle American Geography  3
GEOG 597  Geography of Brazil  3
GEOG 771  Topics in Cultural Geography: _____ (taught by Brown or Herlihy)  1-3
GEOG 791  Latin American Regions: _____  3
GEOG 980  Seminar in Geography: _____ (taught by Herlihy)  1-3
GEOG 990  Seminar in Regional Geography: _____ (taught by Herlihy)  1-3
HA 505  Special Study: _____  1-6
HAIT 501  Directed Studies in Haitian Culture  1-15
HAIT 700  Investigation and Conference  1-6
HIST 510  Topics in Non-Western History (Category II): _____ (taught by Schwaller, Cushman, Rosenthal, Kuznesof)  2-3
HIST 573  Latin America in the 19th Century  3
HIST/AAAS 574  Slavery in the New World  3
HIST 575  The Many Faces of Mexico  3
HIST 576  History of the Caribbean and Central America  3
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 579</td>
<td>The History of Brazil</td>
<td>3</td>
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<tr>
<td>HIST 580</td>
<td>Economic History of Latin America</td>
<td>3</td>
</tr>
<tr>
<td>HIST 696</td>
<td>Seminar in: _____ (taught by Schwaller, Cushman, Rosenthal, Kuznesof)</td>
<td>3</td>
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<tr>
<td>HIST 801</td>
<td>Colloquium in: _____ (taught by Schwaller, Rosenthal, Kuznesof)</td>
<td>1-6</td>
</tr>
<tr>
<td>HIST 808</td>
<td>Colloquium in Comparative History: _____ (taught by Schwaller, Cushman, Rosenthal, Kuznesof)</td>
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<tr>
<td>HIST 820</td>
<td>Colloquium on Popular Culture in Latin America</td>
<td>3</td>
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<tr>
<td>HIST 822</td>
<td>Colloquium in the Urban History of Latin America</td>
<td>3</td>
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<tr>
<td>HIST 823</td>
<td>Colloquium on Colonial Latin America</td>
<td>3</td>
</tr>
<tr>
<td>HIST 824</td>
<td>Seminar in Labor in America</td>
<td>3</td>
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<tr>
<td>HIST 825</td>
<td>Seminar in Latin American Foreign Relations</td>
<td>3</td>
</tr>
<tr>
<td>HIST 826</td>
<td>Seminar in Twentieth Century South America</td>
<td>3</td>
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<tr>
<td>HIST 827</td>
<td>Colloquium in the Social History of Latin America</td>
<td>3</td>
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<tr>
<td>HIST 853</td>
<td>Research Seminar: The Atlantic World in the Early Modern Period (taught by Schwaller, Kuznesof)</td>
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<tr>
<td>HIST 950</td>
<td>Seminar in Latin American History</td>
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<td>HIST 951</td>
<td>Seminar in Latin American Revolutions</td>
<td>3</td>
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<tr>
<td>HIST 952</td>
<td>Seminar in Ideology, Violence and Social Change in Latin America</td>
<td>3</td>
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<tr>
<td>LING 565</td>
<td>Native Mesoamerican Writing</td>
<td>3</td>
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<tr>
<td>POLS 658</td>
<td>Theories of Politics in Latin America</td>
<td>3</td>
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<tr>
<td>POLS 659</td>
<td>Political Dynamics of Latin America</td>
<td>3</td>
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<td>POLS 758</td>
<td>Revolutionary Politics of Latin America</td>
<td>3</td>
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<tr>
<td>PORT 740</td>
<td>Survey of Brazilian Literature</td>
<td>3</td>
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<tr>
<td>PORT 742</td>
<td>The Brazilian Novel</td>
<td>3</td>
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<tr>
<td>PORT 746</td>
<td>The Brazilian Short Story</td>
<td>3</td>
</tr>
<tr>
<td>PORT 750</td>
<td>Brazilian Poetry</td>
<td>3</td>
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<tr>
<td>PORT 760</td>
<td>Contemporary Brazilian Literature</td>
<td>3</td>
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<tr>
<td>PORT 780</td>
<td>Special Readings in Portuguese and Brazilian Literature</td>
<td>1-3</td>
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<tr>
<td>PORT 970</td>
<td>Seminar in Brazilian Literature: _____</td>
<td>3</td>
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<tr>
<td>SOC 531</td>
<td>Global Social Change</td>
<td>3</td>
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<tr>
<td>SOC 780</td>
<td>Advanced Topics in Sociology: _____</td>
<td>3</td>
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<tr>
<td>SPAN 520</td>
<td>Structure of Spanish</td>
<td>3</td>
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<tr>
<td>SPAN 522</td>
<td>Advanced Studies in Spanish Language: _____</td>
<td>3</td>
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<tr>
<td>SPAN 540</td>
<td>Colloquium on Hispanic Studies: _____ (Taught with Latin American focus)</td>
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<tr>
<td>SPAN 560</td>
<td>Colloquium on Latin American Film</td>
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<tr>
<td>SPAN 570</td>
<td>Studies in Hispanic Linguistics: _____</td>
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<tr>
<td>SPAN 717</td>
<td>History of the Spanish Language</td>
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<td>SPAN 720</td>
<td>Syntax and Composition</td>
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<td>SPAN 770</td>
<td>Spanish-American Drama</td>
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<td>SPAN 771</td>
<td>Spanish-American Literature: _____</td>
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<td>SPAN 772</td>
<td>The Modern Spanish-American Novel, 1900-1950</td>
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<td>SPAN 773</td>
<td>The Modern Spanish-American Novel Since 1950</td>
<td>3</td>
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<td>SPAN 774</td>
<td>Spanish-American Poetry</td>
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<td>SPAN 776</td>
<td>Spanish-American Short Story</td>
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<td>SPAN 781</td>
<td>Colonial Identities</td>
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<td>SPAN 784</td>
<td>Spanish-American Modernism and Vanguards</td>
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<tr>
<td>SPAN 786</td>
<td>Special Topics in Spanish-American Literature: _____</td>
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<tr>
<td>SPAN 790</td>
<td>Spanish Linguistics: Theory and Application to Teaching</td>
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<tr>
<td>SPAN 795</td>
<td>Literary Theory and Criticism</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 817</td>
<td>Spanish Historical Grammar</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 970</td>
<td>Seminar: Spanish American Drama: _____</td>
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<tr>
<td>SPAN 972</td>
<td>Seminar: Spanish American Novel: _____</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 974</td>
<td>Seminar: Spanish American Poetry: _____</td>
<td>3</td>
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<tr>
<td>SPAN 976</td>
<td>Seminar: Spanish American Short Story: _____</td>
<td>3</td>
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<tr>
<td>SPAN 978</td>
<td>Seminar: Spanish American Essay: _____</td>
<td>3</td>
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</table>

These courses have 25 to 50 percent Latin American and Caribbean content:

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>AAAS 520</td>
<td>African Studies in: _____</td>
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<td>AAAS 555</td>
<td>African Film</td>
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<td>ANTH 501</td>
<td>Topics in Sociocultural Anthropology: _____</td>
<td>3</td>
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<tr>
<td>ANTH 512</td>
<td>Ethnohistory: _____</td>
<td>3</td>
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<tr>
<td>ANTH 544</td>
<td>Origins of Native Americans</td>
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<td>ANTH 563</td>
<td>Cultural Diversity in the United States</td>
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<tr>
<td>ANTH 586</td>
<td>Visual Anthropology</td>
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<tr>
<td>ANTH 595</td>
<td>The Colonial Experience</td>
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<tr>
<td>ANTH 652</td>
<td>Population Dynamics</td>
<td>3</td>
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<tr>
<td>ANTH 674</td>
<td>Political Anthropology</td>
<td>3</td>
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<tr>
<td>ANTH 695</td>
<td>Cultural Ecology (taught by Gibson or Herlihy)</td>
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<tr>
<td>ANTH 754</td>
<td>Biological Bases of Human Behavior (taught by Crawford)</td>
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<td>ANTH 770</td>
<td>Research Methods in Physical Anthropology</td>
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<tr>
<td>ANTH 794</td>
<td>Material Culture</td>
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</tbody>
</table>
The proposal was originally a response to the fact that two of the “core” required classes in our current MA degree requirements, LAA 700 “Latin American Library Resources” and LAA 701 “Interdisciplinary Seminar on Latin American Culture and Problems,” have not been taught as such in several years.

The graduate committee designed the revised MA coursework requirements on the basis of two considerations: 1) designing a program based on our goals or desired outcomes for our graduate students (that is, considering goals first and then designing “backwards” to course requirements and 2) designing a program that takes into account the logistical realities of being a center without faculty lines.

Goals: The Graduate Committee felt we needed a program that explicitly tries to incorporate 1) research methods and inquiry 2) interdisciplinary breadth 3) some degree of disciplinary “depth,” that is, exposure to the methods particular to at least two disciplines and 4) an area of concentration or specialization. The revised requirements attempt to meet these four goals. When we presented the proposed revisions to our current graduate students, the consensus was highly positive; the students informally expressed that the revisions would give more coherence to the program. (Please note that no other requirements have changed in the new version, eg we are keeping the existing language requirements and the thesis or comparative research paper option.)

Logistical Realities: The proposal was originally a response to the fact that two of the “core” required classes in our current MA degree requirements, LAA 700 “Latin American Library Resources” and LAA 701 “Interdisciplinary Seminar on Latin American Culture and Problems,” have not been taught as such in several years. Instead, they are routinely designated as “meets with” other courses. For LAA 700, the standard
“meets with” for some years has been GIST 710, “Interdisciplinary Research Methods in a Global Context,” soon to be renamed “Research Design in International Area Studies.” This course gives an interdisciplinary and global introduction to research inquiry, and although it is not specifically focused on Latin America and the Caribbean, students from LACS taking the course for our MA must complete a project with a Latin America/ Caribbean focus and work with our Graduate Studies Director. LAA 701 is a bigger problem. This used to be taught as a stand-alone “theme” course introducing our graduate students to interdisciplinary perspectives and research methods pertaining to a particular problem or issue in Latin American / Caribbean studies. But for the past several years no one has taught the course (because CLACS does not have faculty lines it does not have faculty to whom it can assign the course regularly). As a result, this course ends up “meeting with” another graduate course taught by our core faculty that has some Latin American content, although it does not neatly fit the course title or description as given. Therefore, it really is just another version of the “seminar with 50% Latin American / Caribbean content” course requirement, and it makes no sense to single it out as a separate course requirement.

In discussion, the CLACS executive committee felt strongly that LAA 701 should be redeveloped, with participation from multiple faculty members teaching different “units” in a course to provide a common introductory course experience for our graduate student. Therefore, in the coming semester, we will be working to design such a course, hopefully to be in place for Fall 2018. However, for now, we need to make sure our graduate students have the courses they need available to them, and that they can move through the degree in a timely manner.

The following course has been deactivated and will need to be removed: HIST 509.

Rachel Schwien (rschwien) (10/03/17 8:50 am): Holding for removal of BIOL 789 and suggested edits
Kim O'Bryon (kobryon) (11/10/17 3:51 pm): Updated for LAA, rollback not possible.
Program Change Request

Date Submitted: 09/22/17 12:23 pm
Viewing: MB-PhD MBio-PhD : Microbiology, Ph.D.
Last edit: 10/12/17 2:20 pm
Changes proposed by: sjmac

Catalog Pages
Using this Program
Ph.D. in Biochemistry & Biophysics; Microbiology; or Molecular, Cellular, & Developmental Biology

Academic Career
Graduate, Lawrence

Program Type
Degree/Major

Department/Program
Molecular Biosciences Microbiology

School/College
College of Lib Arts & Sciences

Degree Code
Doctor of Philosophy - PhD

Consulting School(s)/College(s)

Consulting Department(s)

CIP Code
260502

Program Name
Microbiology, Ph.D.

Do you intend to offer a track(s)?

Do you intend for this program to be offered online?
No

Effective Catalog
2018 - 2019

Program Description

Degree Requirements

Microbiology

General Requirements for all Molecular Biosciences All-Ph.D. Students

A. Complete a common first-year curriculum (see below). This includes BIOL 804, which satisfies the contact your department or program for more information about research skills and responsible scholarship requirement, and BIOL 818, which satisfies the research skills requirement, scholarship, and the current requirements for doctoral students.

B. Students: All general requirements must be fulfilled. Refer to each discipline for specific course requirements. General requirements include: At least 3 individual laboratory rotations during the first two semesters of graduate study; Enrollment every semester in BIOL 701 Topics in Molecular Biosciences Seminar; Completion of the following courses: BIOL 804 Scientific Integrity: Molecular Biosciences, BIOL 807 Graduate Molecular Bioscience, and BIOL 818 Techniques in Molecular Bioscience; A Research Skills and Responsible Scholarship requirement (satisfied by completion of BIOL 818) and a Responsible Scholarship requirement (satisfied by BIOL 804); A minimum of 2 semesters of graduate teaching; From a graduate committee established before the start beginning of the second year fall semester of graduate study, enroll every semester in one of the following courses: second year: BIOL 701 Cellular and Molecular Proteins or BIOL 905 Advanced Molecular Genetics, Biosciences, BIOL 807 Graduate Molecular Biosciences, and BIOL 818 Techniques in Molecular Biosciences;

C. Complete a minimum of At least 3 individual laboratory rotations during the first two semesters of GTA teaching during the program. of graduate study;
D. A minimum of 1 annual graduate committee meeting. Establish a graduate advisory committee during A written preliminary examination in the first form of a research proposal completed by the end of the spring semester of the second year of graduate study. graduate study (Biol 925). This committee must meet a minimum of once per year; Annual committee meetings are mandatory. 1-annual graduate committee meeting.

E. Enroll in Biol 925 Research Grant Proposal Preparation during A comprehensive oral examination held no later than October 1 of the second fall semester of the third year of graduate study. Successful completion of the comprehensive oral examination admits the student to help prepare the proposal required for the oral examination. Ph.D.

F. Have a graduate advisory committee meeting that includes all members of the committee and the mentor during (or before) December of the second year of graduate study. Prior to this meeting the student must submit a summary completion of the specific aims of the oral proposal to the committee and the mentor. the following courses: At this meeting the aims will be discussed and approved, possibly after modification in light of the discussion. Once approved the student will prepare the full proposal for the Comprehensive Orals Examination.

G. A dissertation based on original research presented to the dissertation examination committee for evaluation and presented and defended in a formal public lecture; and. Submit a full draft completion of the proposal to the "readers" (the mentor, the Chair of the Orals committee, and one other member of the committee) by the end of March of the second year of graduate study. degree in 7 years.

H. Schedule the Comprehensive Orals Examination between May 1 and June 30 of the second year of graduate study.

I. Generate a dissertation based on original research, provide this document research presented to the dissertation examination committee for evaluation by the dissertation examination committee, and also present the research presented and defended in a formal, a formal public oral presentation. lecture; and

J. Complete the degree within seven years. Exceptions to this requirement require a recommendation from the Director of Graduate Studies.

**Note:** Contact your department or program for more information about research skills and responsible scholarship, and the current requirements for doctoral students. Current policies on Doctoral Research Skills and Responsible Scholarship are listed in the KU Policy Library. First-year curriculum Curriculum for all Molecular Biosciences PhD All-Students

<table>
<thead>
<tr>
<th>BIOL 701</th>
<th>BIOL 804</th>
<th>BIOL 807</th>
<th>BIOL 818</th>
<th>BIOL 985</th>
</tr>
</thead>
<tbody>
<tr>
<td>Topics in: ______ (Molecular Biosciences Seminar. Enroll in both Fall and Spring Semester of the first year.)</td>
<td>Scientific Integrity: Molecular Biosciences</td>
<td>Graduate Molecular Biosciences</td>
<td>Techniques in Molecular Biosciences</td>
<td>Advanced Study (fall and spring semester)</td>
</tr>
</tbody>
</table>

1-3 1 6 2 1-10

**Specific Ph.D. First-year courses include: Specific Ph.D. Requirements: Microbiology**

Select at least four of the following five graduate courses:

- BIOL 811 Advanced Molecular and Cellular Immunology
- BIOL 812 Mechanisms of Host-Parasite Relationships
- BIOL 813 Advanced Bacterial Physiology
- BIOL 814 Advanced Molecular Virology
- BIOL 815 Advanced Molecular Genetics

Note that the graduate advisory committee may recommend that additional courses be taken.

**Rationale for proposal**

We wish to eliminate “BIOL813 Advanced Bacterial Physiology” as one of the Microbiology PhD-specific course choices, and in addition wish to remove the "Select at least four..." since the statement is no longer relevant with just 4 required courses. We have been unable to offer this course for many years, and have moved material previously contained in BIOL813 to the other required courses with no ill effect on our students. Thus, we wish to make the requirements consistent with our practice.

**Additional Information**

1. Note that the bulk of the text has been replicated across all 3 of our PhD programs. 2. I couldn't figure out how to hyperlink the course numbers as was previously the case in the degree requirements box. 3. I wanted to edit the "Enrollment required every semester" in the first year course list box, but I couldn't. I want to edit to "Enroll in both Fall and Spring semester of the first year".

**COPIED "RATIONALE" for previous series of minor changes here:**

We have made a series of relatively minor, but important clarifications to the timeline for our PhD programs, so have added some defined dates to the "general requirements" in an effort to keep student on track for on-time completion. We have made some cosmetic changes to the writing of the numbered points. Finally we have switched from students enrolling in "Topics in: Molecular Biosciences Seminar" every semester, and have 2 different courses students take from the start of year 2.

**Supporting Documents**

Program Reviewer Comments

Rachel Schwien (rshawien) (09/19/17 2:17 pm): Rollback: Please specify RS2 requirement

Rachel Schwien (rshawien) (09/22/17 8:48 am): Rollback: Per request for further edits

**Key**: 287
**Program Description**

**Ph.D. Degree Requirements**

For the Ph.D., students must complete 54 hours of graduate coursework, which includes both all M.A. degree requirements and the following Ph.D. coursework requirements. Thesis and dissertation hour enrollments are also required.

1. Students must complete 54 total hours of graduate credits for a Ph.D. Within the first 2 years of the program, students must complete all the following M.A. level requirements, including coursework, portfolio, thesis, and a final exam. The M.A. thesis must be supervised by a faculty member of the student's choosing. If a student does not complete all the M.A. level requirements within the first 2 years of the program, s/he will not be eligible for the renewal of GTA/GRA funding.

2. In the first 2 years, the students must complete 36 hours of graduate credit are required for the M.A., including: 6 credit, including:

<table>
<thead>
<tr>
<th>Required Courses (6)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 810</td>
<td>Sociological Inquiry</td>
</tr>
<tr>
<td>SOC 811</td>
<td>Sociological Research</td>
</tr>
</tbody>
</table>

**In Workflow**

A. CLAS
   Graduate Program and Course Coordinator

B. CGS PCC
   Subcommittee

C. CGS Committee

D. CAC

E. CLAS Final Approval

F. Future Academic Catalog

**Approval Path**

A. 11/14/17 8:52 am
   Rachel Schwien (rschwien): Approved for CLAS Graduate Program and Course Coordinator

B. 11/20/17 1:34 pm
   Rachel Schwien (rschwien): Approved for CGS PCC Subcommittee

**History**

A. Nov 16, 2016 by Corinne Butler (cleg)
Methods (6)
- SOC 812 Analytic Methods in Sociology
- SOC 814 Health Services Research: Epidemiology, Evaluation, and Survey Methods
- SOC 910 Seminar on Special Topics in Methods: ______

Theory (6)
- SOC 801 The Rise of Social Theory
- SOC 802 Classical Social Theory
- SOC 803 Issues in Contemporary Theory: ______
- SOC 808 Feminist Theories
- SOC 900 Seminar on Special Topics in Theory: ______

Elective Seminars (15)
- SOC 722 Sociology of Gender
- SOC 760 Social Inequality
- SOC 762 Seminar in Social Deviation and Control: ______
- SOC 767 Multidisciplinary Perspectives on Gerontology and Aging
- SOC 780 Advanced Topics in Sociology: ______
- SOC 820 Political Sociology
- SOC 824 Health and Social Behavior
- SOC 873 International Political Economy
- SOC 875 The Political Economy of Globalization
- SOC 920 Seminar on Special Topics in Social Organizations: ______
- SOC 930 Seminar on Special Topics in Comparative Studies: ______
- SOC 940 Seminar on Topics in Demography, Ecology, and Community: ______
- SOC 970 Seminar on Special Topics in Social Conflict and Change: ______

Thesis (3)
- SOC 899 Thesis

Sociological Inquiry
Sociological Research
SOC 812 Analytic Methods in Sociology
SOC 816 Additional graduate level course in sociological methods
SOC 818 1 additional graduate level course in sociological theory
SOC 820 Graduate level sociological seminars
SOC 890 Begin compiling portfolios of their professional work *Individual Master’s Readings courses (SOC 891, SOC 893) may not be used to meet these requirements except by approved petition.

2. During Begin compiling portfolios of their first year in the program, students must begin compiling portfolios of their professional work. This should include:
   - An additional 3 credit hours of theory
   - An additional 3 credit hours of methods
   - Students must complete the following coursework requirements, totaling 18 graduate credit hours, with a minimum GPA of 3.0: 1 graduate-level sociology methods course, 2 graduate-level courses in sociological theory, and An additional 9 credit hours of electives 3 graduate-level sociology seminars

*Individual Doctoral Readings courses (SOC 991) may not be used to meet these requirements except by approved petition.

The doctoral student must also complete SOC 995 Professionalization Proseminar.

4. Students must complete Complete the Research Skills and Responsible Scholarship (RSRS) requirement. The university requires that every doctoral student have training in responsible scholarship and research skills pertinent to the field of research and appropriate to the doctoral level. This requirement must be met before taking the comprehensive oral exam. Doctoral students in sociology meet this requirement by completion of the following courses:
   - SOC 810, SOC 811, SOC 812, SOC 893, SOC 910. Additional information about this requirement can be found under Doctoral Degree Requirements, Doctor of Philosophy, Research Skills in the Graduate Studies section of the online catalog.
   - SOC 810, SOC 811, SOC 812, SOC 910. Additional information about this requirement can be found under Doctoral Degree Requirements, Doctor of Philosophy, Research Skills in the Graduate Studies section of the online catalog.

5. Students must compile portfolios of their professional work successfully demonstrating command of 2 fields of specialization within sociology and preparation to undertake dissertation research.

6. Students must compile portfolios of their professional work successfully demonstrating command of 2 fields of specialization within sociology and preparation to undertake dissertation research.

Students must pass Pass an oral comprehensive examination and defense of dissertation proposal, within the first 6 semesters post-M.A. degree. The oral comprehensive examination and dissertation proposal defense occur occur at the same time. The oral comprehensive examination refers to an oral examination of the student’s understanding of the 2 fields of specialization. The dissertation committee must consist of at least 5 members, 4 of whom are members of the sociology department.

7. Students must pass Pass an oral comprehensive examination and defense of dissertation proposal, within the first 6 semesters post-M.A. degree. The oral comprehensive examination and dissertation proposal defense occur occur at the same time. The oral comprehensive examination refers to an oral examination of the student’s understanding of the 2 fields of specialization. The dissertation committee must consist of at least 5 members, 4 of whom are members of the sociology department.

8. The candidate must continue to enroll in accord with the Office of Graduate Studies Post-comprehensive Enrollment policy university-post comprehensive enrollment requirements until all Ph.D. degree requirements have been met.


Non-thesis (Terminal) M.A. Non-thesis (Terminal) MA Option

A student that wishes to complete a master’s MA degree but does not wish to continue on to the doctoral level of the program Ph.D. may choose the non-thesis, terminal M.A. non-thesis MA option. Non-thesis students must complete 36 hours of graduate credit including SOC 810 Sociological Inquiry, SOC 811 Sociological Research, SOC 812 Analytic Methods in Sociology.
Inquiry

SOC 811 Sociological Research
2 graduate-level courses in sociological methods, including SOC 812 Analytic Methods in Sociology
1 graduate-level course in sociological theory, and 7 graduate-level sociology seminars. Individual Master’s Readings courses (SOC 891) may not be used to meet these requirements except by approved petition. Completion of these requirements leads to the M.A. degree but does not allow the student to proceed to doctoral study. Non-thesis students must complete 30-36 hours of graduate credit. Coursework requirements are the same as listed above for the thesis-option M.A., but SOC 811 and thesis hours (SOC 899) are not required.
A final oral examination over course work in sociology is also required.

Handbook for Graduate Students

A more detailed account of advising procedures, degree requirements, and program options is set forth in the department’s Manual of Graduate Study in Sociology, which is available online.

Rationale for proposal
We are adjusting the course requirements to better meet the needs of students in the program. Timing of required courses has been adjusted to ensure students have a solid grounding in sociological theory and research methods before undertaking thesis research and to account for the newly proposed course SOC 995. Total credit hours required have been reduced for students who choose to pursue the terminal M.A. to enable them to complete M.A. with the same course requirements with the regular MA.

Additional Information
Previously the terminal MA required students to take 7 elective seminar courses (=21 credit hours) on top of other course requirements while the regular MA requires 5 elective courses (=15 credit hours).

Formatting has also been adjusted improve clarity and be in line with recommended catalog style. A MS Word version of this section with correct formatting is also attached.

Supporting Documents
SOC_PhDSociologyPhDRequirementsCorrectedFormattingOct 2016.docx

Program Reviewer Comments
Rachel Schwien (rschwien) (11/06/17 12:01 pm): Rollback: for further edits
Program Change Request

Date Submitted: 10/13/17 11:21 am

Viewing: EVRN-CRTG : Science Management

Last approved: 03/22/16 3:04 pm
Last edit: 11/16/17 12:52 pm
Changes proposed by: jakubaus

Catalog Pages
Using this Program

Graduate Certificate in Science Management

Academic Career
Graduate, Lawrence

Program Type
Certificate

Department/Program
Environmental Studies

School/College
College of Lib Arts & Sciences

Consulting School(s)/College(s)

Consulting Department(s)

Department(s)
Engineering Management

CIP Code
03.0103

Program Name
Science Management

Do you intend for this program to be offered online?
Yes

Other Resources

Describe Other Resources
Center for Online and Distance Learning

Effective Catalog
2018 2016– 2019
2017

Program Description

The KU Environmental Studies Program proposes to create a graduate certificate in science management. This certificate will provide academic recognition of the completion of a series of six courses designed to provide graduate students in science fields with professional skills necessary to advance their careers.

Why “Science Management”?
Scientists have been trained to focus on specific disciplines where the majority of their team members or coworkers have similar technical backgrounds and “speak” the same language. As a scientist progresses in their career at a company or agency, they increasingly begin to supervise and manage people and projects - tasks they have generally never been trained for. When a technical individual crosses over to a program lead or manager role, he or she must acquire a new suite of skills in leadership, planning, and collaboration with other (often non-science) units within an organization. We seek, by means of the science management program, to give scientists those skills.

With industry collaboration, we have identified six focus areas that will become the courses for a unified program: Project Management; Organizational Management; Financial Management; Talent Management; Organizational Communication; and Law, Ethics and Intellectual Property.

This graduate certificate is aimed at two primary cohorts of students: First, graduate students in the biological, physical, and earth/environmental sciences who
foresee a career in a science-oriented private company or governmental entity, and, anticipating the need as they progress in their careers, wish to add these skills to their portfolios; and second, science professionals who already possess graduate degrees in their field and need to attain these professional skills, but neither desire nor need another graduate degree yet wish to have the recognition that a graduate certificate from KU provides.

Why Environmental Studies?
The array of professional skills proposed for this certificate spans numerous departments and programs at the university. We therefore propose an inherently interdisciplinary program – Environmental Studies – as the home of an inherently interdisciplinary certificate – Science Management. Furthermore, the certificate builds on the Environmental Studies Professional Science Masters (PSM) graduate degree program that itself combines professional skills courses with graduate science courses in a single degree.

Degree Requirements

Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVRN 771</td>
<td>Project Management for Science and Technical Managers</td>
<td>2</td>
</tr>
<tr>
<td>EVRN 772</td>
<td>Organizational Management and Leadership in Science and Technical Organizations</td>
<td>2</td>
</tr>
</tbody>
</table>

Choose one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVRN 773</td>
<td>Organizational Communication and Supervision in Science and Technical Organizations</td>
<td>3</td>
</tr>
<tr>
<td>EVRN 774</td>
<td>Financial Management in Science and Technical Organizations</td>
<td></td>
</tr>
</tbody>
</table>

Completion of all six courses in the proposed curriculum with a grade of "B" or better in each of the six courses.

On January 15th, 2015, the KU Edwards campus convened over 26 scientists, managers, executives, and human resources specialist from regional science-oriented companies and agencies in a Science Manager Curriculum Development Workshop. At this workshop, the general objectives of and needs were presented to the group, and facilitated small-group discussions were used to elicit from the participants the ideal skillset for a scientist-manager and the curriculum for a science manager program. Based on discussions with managers and scientist at companies and agencies, focus groups, and surveys, we have crafted a 12-credit-hour, 6-course curriculum designed to address the need for professional skills by science professionals.

12 credit hours:
- EVRN 771: Project Management for Science Managers (2.0)
- EVRN 772: Organizational Management for Science Managers (2.0)
- EVRN 773: Management of People in Science Organizations (2.0)
- EVRN 774: Financial Management in Science Organizations (2.0)
- EVRN 775: Organizational Communication for Science Managers (2.0)
- EVRN 776: Law, Ethics, and Intellectual Property for Science Managers (2.0)

Based on two years of offering the certificate in its former form, with feedback from faculty and students, discussions with managers and scientist at companies and agencies, focus groups, and surveys, we have revised the original 12-credit-hour, 6-course curriculum to better address the need for professional skills by science professionals.

Department is gathering letters of support from Business, Engineering Management, and the Medical Center.

Rachel Schwien (rschwien) (10/13/17 10:51 am): Rollback: per request
Program Description

The graduate certificate in Film and Media Studies provides a concentration in core film and media theory and history courses. This certificate is designed for graduate students whose research includes analysis of media texts and technologies, and provides training in methodologies and a basic familiarity with critical and theoretical discourse, both historical and contemporary, in which film and media are discussed.

Demand/Need for the Program

The Department of Film and Media Studies historically has a modest but consistent interest in our graduate courses from other departments, and that demand appears to be growing. In the last five years (beginning fall 2012), an average of eleven students from outside FMS have taken departmental courses each term (fall and spring). Further, we have received multiple requests from graduate students interested in a Certificate in Film and Media Studies.

Comparative/Locational Advantage

Research into other Film and Media Certificate programs shows that only Wichita State University also offers a 12 hour certificate in Film Studies.

Admission Requirements

For information on admission to a graduate certificate program at KU, see the policy on Admission to Graduate Study. Applications may be submitted at www.graduate.ku.edu/apply.

Degree Requirements

4 Courses/12 Credit Hours of Coursework in Film and Media Studies:

- **FMS 862**  
  Survey of Film and Media History  
  3 credits

- **FMS 865**  
  Contemporary Film and Media Theory  
  3 credits

And any TWO courses 700-level or above (excluding Production courses)

Faculty Profile

<table>
<thead>
<tr>
<th>Name of Faculty and Rank</th>
<th>Highest Degree</th>
<th>Number of Faculty FTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michael Baskett</td>
<td>Ph.D.</td>
<td>1.0</td>
</tr>
<tr>
<td>Tamara Falicov</td>
<td>Ph.D.</td>
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</tr>
<tr>
<td>Germain Halegoua</td>
<td>Ph.D.</td>
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</tr>
<tr>
<td>Robert Hurst</td>
<td>M.F.A.</td>
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</tr>
<tr>
<td>Joshua Miner</td>
<td>Ph.D.</td>
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Student Profile

Anticipated student enrollment

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</tr>
<tr>
<td>Year 2</td>
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<td>0</td>
<td>10</td>
</tr>
<tr>
<td>Year 3</td>
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<td>15</td>
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</table>

Anticipated number of program graduates

<p>| | |</p>
<table>
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<th></th>
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<tbody>
<tr>
<td>After 5 Years</td>
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</tr>
<tr>
<td>After 7 Years</td>
<td>40</td>
</tr>
</tbody>
</table>

Academic Support

No additional academic support is anticipated

Facilities and Equipment

No new or additional facility or equipment needs are anticipated

Program Review, Assessment, Accreditation

The certificate will be evaluated every 7 years in accordance with Graduate Studies policy.

Costs, Financing

<table>
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<tr>
<th></th>
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<th>OOE</th>
<th>Equipment</th>
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<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

What is the source of the new funds?

No new funds required.

Rationale for proposal

Graduate students in such disciplines as American Studies and WGSS often enroll in our courses to research the fundamental discourse on film and media studies. This certificate will provide a solid critical base for those wishing to incorporate the field of film and media into their own research.

The certificate will also demonstrate competency in the field for candidates in departments where film and media studies are offered as a sub-section of a major (e.g., English, Communication Studies).

Additional Information

Supporting Documents

Program Reviewer Comments

Key: 583
Program Description

The KU Urban Planning Program proposes to create an accelerated undergraduate-graduate degree track to allow highly qualified students to graduate in five years with a Bachelor of Arts in Environmental Studies and a Master of Urban Planning. The 4+1 model is increasingly common among our peer institutions. Urban Planning has had a successful 4+1 Program in place with the B.A. in Architectural Studies for over five years. The College launched its first 4+1 in 2014, and now has four such programs in place. We believe the creation of 4+1 options with the Master's of Urban Planning will be very attractive to motivated, academically successful students who intend to pursue planning and planning-related careers.

A student in the Environmental Studies B.A. degree program will complete a pre-admission application for the Urban Planning Program in the spring semester of their junior year (Year 3) for permission to start the accelerated track. If the student has completed all core course and major requirements for the B.A., and is accepted by the Program to start the 4+1 track, s/he will enroll during the senior year (Year 4) in the same coursework as a student who is beginning the 2-year MUP. This consists of 12 hours in both fall and spring semesters. 12 of these credits will count toward both undergraduate and graduate degree requirements.

During the spring semester of the student’s senior year (Year 4), s/he will formally apply to the Urban Planning graduate degree program via the Graduate Studies’ regular application and admissions process. Following completion of the bachelor’s degree at the end of the spring semester in Year 4, the student will then enroll in at least 24 graduate credit hours total during the summer and/or Year 5 to complete the requirements of the Master of Urban Planning degree. The student will thereby complete the same 48 credit hours in Urban Planning as those pursuing the 2-year MUP.

Demand/Need for the Program

The KU Urban Planning Program is responding to an increased demand for individuals with graduate urban planning degrees, particularly in the areas of sustainability, environmental planning, and public policy. The accelerated 4+1 model addresses this need by providing a more efficient and cost-effective path to graduate degree completion for interested students.
Regardless of discipline, accelerated undergraduate-graduate degree tracks are becoming progressively more common among our peer institutions and other major universities in the United States. Programs often use 4+1 options as a recruitment tool for incoming freshman, as a master’s degree is increasingly seen by students and their parents as essential to future career success. According to higher education researcher Sean Gallagher, 75% of incoming freshman in the U.S. anticipate getting a graduate degree, while master’s enrollments have more than doubled since 1990.

The current 4+1 degree Urban Planning offers with Architectural Studies has proven to be increasingly popular. After several years of only one or two students expressing interest each year, we now see four or five students moving forward with this path each year. In addition, our Associate Dean reports that some undergraduate students are expressing interest in this program at the beginning of their KU studies, as opposed to discovering it in their sophomore or junior year.

A master’s degree in urban planning is a professional degree, and is widely considered as the necessary credential to practice and advance in the field of planning. As an interdisciplinary, social science-based field, urban planning graduate students come from a variety of undergraduate majors, including Environmental Studies, Geography, History, and Political Science. Because our degree is focused on policy-planning (as opposed to urban design), the program is an excellent complement to a CLAS undergraduate major. Job growth in urban planning fields continues at a steady pace with 6% growth anticipated through 2024. This accelerated undergraduate and professional master’s degrees will offer highly qualified Environmental Studies students the opportunity to combine their academic passions with timely career options.

**Comparative/Locational Advantage**

As noted above, the Urban Planning Program already offers an accelerated 4+1 program with the B.A. in Architectural Studies: https://architecture.ku.edu/sites/archive.ku.edu/files/docs/BA-MUP%20Plan.pdf.

Kansas State University offers an accelerated 5-year degree program in urban planning for undergraduates in its College of Architecture, Planning and Design: http://apdesign.k-state.edu/larc/academics-regional-and-community-planning.html.

Regionally, the University of Illinois at Urbana Champaign offers a 4+1 degree with its Bachelor of Urban Planning degree: http://www.urban.illinois.edu/prospective-students/academic-programs/master-of-urban-planning/4-1-program.

This program, as well as several others in development with other KU undergraduate major options, will be unique in combining a degree in the liberal arts with the Urban Planning professional master’s.

### Admission Requirements

Careful course selection and steady progression through the undergraduate career is necessary to ensure all requirements for both degrees may be completed within the 5-year timeframe. All prospective students should discuss their interest with the undergraduate advisor for Environmental Studies and the Chair of Urban Planning as soon as possible. A meeting with the Chair of Urban Planning should take place no later than the student’s Junior year (Year 3) to discuss possible admission to the 4+1 track.

Prospective student are eligible to apply to the graduate program in Spring semester of their Junior year. The following requirements must be met by this time:

- Major and cumulative GPA of at least 3.25;
- On track to complete all requirements for a B.A. or B.G.S. degree in Environmental Studies from KU by the Spring semester of the Senior Year (Year 4)

Applicants must complete an Application for Graduate Study online. The following information should be gathered in advance and uploaded with the application:

- Statement of interest that succinctly summarizes the students’ interests, education, their long-term career goals, and how the accelerated degree program will help them achieve those goals;
- A copy of the student’s Advising Report
- The names of three persons qualified to comment on the applicant’s academic abilities and probable success in graduate study. These individuals will be asked to provide a letter of recommendation. At least two should be faculty members who have had the student in class.

Upon review of the Application for Admission, Urban Planning will notify the student of his or her eligibility to begin coursework in the program. Final acceptance to the Master of Urban Planning graduate program will be contingent upon the following:

- Successful completion of all requirements for the bachelor’s degree;
- Grades of B or above in all Urban Planning graduate-level coursework taken in Year 4

Any student who does not meet this minimum grade requirement may continue in the program but must repeat any graduate course for which they did not earn a B or above. Students should still aim to complete all requirements by the end of Year 5. Students may also elect to earn only the bachelor’s degree and re-apply to the graduate program at a later time.

### Degree Requirements

This accelerated program uses a carefully planned combination of pre-requisite coursework, graduate-level courses taken for both undergraduate and graduate credit in Year 4, and graduate credit courses taken in Year 5. Please see the Sample Academic Plan for more information.

# Requirements for the Bachelor's Degree

Environmental Studies Introduction to Science and Culture (16)

Majors must complete both of the following:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EVRN 140</td>
<td>Global Environment I: The Discovery of Environmental Change</td>
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<td>or EVRN 144</td>
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<tr>
<td>EVRN 142</td>
<td>Global Environment II: The Ecology of Human Civilization</td>
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<tr>
<td>or EVRN 145</td>
<td>Global Environment II: The Ecology of Human Civilization, Honors</td>
<td></td>
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</tbody>
</table>

Research Methods. Satisfied by one of the following: 3
Environmental Applications of Geographic Information Systems
EVRN 510
Advanced Environmental Applications in Geospatial Techniques
GEOL 351
Environmental Geology
GEOG 510
Human Factors

Statistics. Satisfied by one of the following:
- MATH 365 Elementary Statistics
- GEOG 316 Methods of Analyzing Geographical Data
- BIOL 570 Introduction to Biostatistics

Environmental Studies Core Knowledge and Skills (12)
Majors must complete each of the following:
- EVRN 320 Environmental Policy Analysis
- EVRN 332 Environmental Law
- EVRN 460 Field Ecology
- EVRN 615 Capstone Project

Environmental Studies Required Electives/Options (12)
- UBPL 736 Planning Institutions
- UBPL 738 Environmental Planning Techniques

Complete two of the following courses:
- UBPL 710 Introduction to Housing Policy
- UBPL 730 Plans and Planning Processes
- UBPL 750 Introduction to Transportation Planning
- UBPL 765 Introduction to Sustainable Land Use Planning

Students should seek guidance from their advisor and refer to the degree plan for the specific enrollment sequence.

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 40 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 30 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.

Faculty Profile

<table>
<thead>
<tr>
<th>Name of Faculty and Rank</th>
<th>Highest Degree</th>
<th>Number of Faculty</th>
<th>FTE</th>
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<tbody>
<tr>
<td>Stacey Swearingen White</td>
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<tr>
<td>Kirk McClure</td>
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Student Profile

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<tr>
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<td>Year 3</td>
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<table>
<thead>
<tr>
<th>Anticipated number of program graduates</th>
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<tbody>
<tr>
<td>After 5 Years</td>
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<td>After 7 Years</td>
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</table>

Academic Support
No additional academic support resources needed.

Facilities and Equipment
No additional facilities or equipment needed.
Program Review, Assessment, Accreditation

In addition to regular mandated University review, the Urban Planning Program is fully accredited by the Planning Accreditation Board (PAB). We also have an External Advisory Board (EAB) to provide review and oversight. Our Advisory Board members come from planning professionals, including some alumni, who work in the public, private, and not-for-profit sectors.

Costs, Financing

<table>
<thead>
<tr>
<th></th>
<th>Salaries</th>
<th>OOE</th>
<th>Equipment</th>
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</table>

What is the source of the new funds?

NA

Rationale for proposal

Accelerated undergraduate-graduate programs are often use 4+1 options to recruit incoming freshman, as a master’s degree is increasingly seen by students & parents as essential to future career success. Job growth in urban planning fields continues at a steady pace. This accelerated undergraduate and professional master’s degrees will offer highly qualified EVRN students the opportunity to combine their academic passions with timely career options.

Additional Information

As of 10/5/17, the Environmental Studies BA program had 62 majors. For the 2016-2017 academic year (Summer 2016 to Spring 2017), 15 students graduated with a BA in Environmental Studies. Of these, 11 students had cumulative GPA over 3.25. The Master of Urban Planning Program has 41 students. Approximately 10% of these students were KU Environmental Studies undergraduates.

Please see attached sample course plan mapping out possible course sequences for the B.A. and B.G.S. Environmental Studies/Master of Urban Planning 4+1 accelerated track, plus the standard curriculum for the Master of Urban Planning degree

Supporting Documents

Kristine Latta (klatta) (10/26/17 3:33 pm): Please see Urban Planning graduate concentration proposal of the same name for the graduate portion of this 4+1 curriculum.

Kristine Latta (klatta) (10/26/17 3:36 pm): David Fowle and Stacey White are the faculty contacts for this proposal.

Kristine Latta (klatta) (10/26/17 3:37 pm): Approved by Dean Lejuez on 10/26
Program Change Request

New Program Proposal

Date Submitted: 10/18/17 4:49 pm
Last edit: 10/20/17 2:36 pm
Changes proposed by: dianak

Academic Career: Graduate, Lawrence
Program Type: Concentration
Department/Program: Urban Planning
School/College: College of Lib Arts & Sciences
Consulting School(s)/College(s): Environmental Studies
Consulting Department(s): Environmental Studies
Program Name: Environmental Studies/Urban Planning 4+1
Location(s) of Instruction: Lawrence
Do you intend for this program to be offered online? No
Effective Catalog: 2018 - 2019

Program Description

The KU Urban Planning Program proposes to create an accelerated undergraduate-graduate degree track to allow highly qualified students to graduate in five years with a Bachelor of Arts in Environmental Studies and a Master of Urban Planning. The 4+1 model is increasingly common among our peer institutions. Urban Planning has had a successful 4+1 Program in place with the B.A. in Architectural Studies for over five years. The College launched its first 4+1 in 2014, and now has four such programs in place. We believe the creation of 4+1 options with the Master’s of Urban Planning will be very attractive to motivated, academically successful students who intend to pursue planning and planning-related careers.

A student in the Environmental Studies B.A. degree program will complete a pre-admission application for the Urban Planning Program in the spring semester of their junior year (Year 3) for permission to start the accelerated track. If the student has completed all core course and major requirements for the B.A., and is accepted by the Program to start the 4+1 track, s/he will enroll during the senior year (Year 4) in the same coursework as a student who is beginning the 2-year MUP. This consists of 12 hours in both fall and spring semesters. 12 of these credits will count toward both undergraduate and graduate degree requirements.

During the spring semester of the student’s senior year (Year 4), s/he will formally apply to the Urban Planning graduate degree program via the Graduate Studies' regular application and admissions process. Following completion of the bachelor’s degree at the end of the spring semester in Year 4, the student will then enroll in at least 24 graduate credit hours total during the summer and/or Year 5 to complete the requirements of the Master of Urban Planning degree. The student will thereby complete the same 48 credit hours in Urban Planning as those pursuing the 2-year MUP.

Demand/Need for the Program

Regardless of discipline, accelerated undergraduate-graduate degree tracks are becoming progressively more common among our peer institutions and other major universities in the United States. Programs often use 4+1 options as a recruitment tool for incoming freshman, as a master’s degree is increasingly seen by students and their parents as essential to future career success. According to higher education researcher Sean Gallagher, 75% of incoming freshman in the U.S. anticipate getting a graduate degree, while master’s enrollments have more than doubled since 1990.

The current 4+1 degree Urban Planning offers with Architectural Studies has proven to be increasingly popular. After several years of only one or two students expressing interest each year, we now see four or five students moving forward with this path each year. In addition, our Associate Dean reports that some undergraduate students are expressing interest in this program at the beginning of their KU studies, as opposed to discovering it in their sophomore or junior year.
A master’s degree in urban planning is a professional degree, and is widely considered as the necessary credential to practice and advance in the field of planning. As an interdisciplinary, social science-based field, urban planning graduate students come from a variety of undergraduate majors, including Environmental Studies, Geography, History, and Political Science. Because our degree is focused on policy-planning (as opposed to urban design), the program is an excellent complement to a CLAS undergraduate major. Job growth in urban planning fields continues at a steady pace with 6% growth anticipated through 2024. This accelerated undergraduate and professional master’s degrees will offer highly qualified Environmental Studies students the opportunity to combine their academic passions with timely career options.

Comparative/Locational Advantage

As noted above, the Urban Planning Program already offers an accelerated 4+1 program with the B.A. in Architectural Studies: https://architecture.ku.edu/sites/archive.ku.edu/files/docs/BA-MUP%20Plan.pdf.

Kansas State University offers an accelerated 5-year degree program in urban planning for undergraduates in its College of Architecture, Planning and Design: http://apdesign.k-state.edu/larc/academics-regional-and-community-planning.html.

Regionally, the University of Illinois at Urbana Champaign offers a 4+1 degree with its Bachelor of Urban Planning degree: http://www.urban.illinois.edu/prospective-students/academic-programs/master-of-urban-planning/4-1-program.

This program, as well as several others in development with other KU undergraduate major options, will be unique in combining a degree in the liberal arts with the Urban Planning professional master’s.

Admission Requirements

Careful course selection and steady progression through the undergraduate career is necessary to ensure all requirements for both degrees may be completed within the 5-year timeframe. All prospective students should discuss their interest with the undergraduate advisor for Environmental Studies and the Chair of Urban Planning as soon as possible. A meeting with the Chair of Urban Planning should take place no later than the student’s Junior year (Year 3) to discuss possible admission to the 4+1 track.

Prospective student are eligible to apply to the graduate program in Spring semester of their Junior year. The following requirements must be met by this time:

- Successful completion of all requirements for the bachelor’s degree;
- Grades of B or above in all Urban Planning graduate-level coursework taken in Year 4
- On track to complete all requirements for a B.A. or B.G.S. degree in Environmental Studies from KU by the Spring semester of the Senior Year (Year 4)

Any student who does not meet this minimum grade requirement may continue in the program but must repeat any graduate course for which they did not earn a B or above. Students should still aim to complete all requirements by the end of Year 5. Students may also elect to earn only the bachelor’s degree and re-apply to the graduate program at a later time.

Degree Requirements

Requirements for the Master’s Degree

During the Senior Year (Year 4), the student must take the following Urban Planning graduate coursework, in addition to the Major Requirements noted above:

- UBPL 741 Quantitative Methods I 3
- UBPL 815 History and Theory of Planning 3
- UBPL 742 Quantitative Methods II 3
- UBPL 705 Economic Analysis for Planners 3
- UBPL 736 Planning Institutions 3
- UBPL 738 Environmental Planning Techniques 3

In Year 5, after the conferral of the undergraduate degree, the student will complete a total of 24 post-baccalaureate graduate credit hours, consisting of the following:

- UBPL 763 Professional Practice 3
- UBPL 850 Urban and Regional Theory 3
- UBPL Elective or Specialization Courses 18

Students in the 4+1 must successfully pass a comprehensive exam. The examination provides a learning experience that encourages the student to synthesize the knowledge gained through course work and tests the student’s competence as a generalist/specialist planner. The examination consists of the student responding to a scenario or case study in which one is asked to synthesize knowledge gained in one’s course work and apply it within a particular context. No academic credit is given for the examination.

Each student’s progress will be monitored at various points during the program.
A. Upon pre-admission acceptance to the 4+1 track, the student will meet with the UBPL Chair to plan the final year of undergraduate courses, graduate UBPL courses to be taken for elective undergraduate credit, and to outline the schedule of courses.

A. Prior to applying for admission to Graduate Studies in the final spring semester of undergraduate study (Year 4), the student will meet with the UBPL Chair to review the student’s performance in UBPL courses. The student must earn a grade of “B” or better in these courses to be eligible for regular admission to the Master of Urban Planning degree.

A. Following completion and award of the undergraduate degree (end of Spring Semester Year 4), the admitted student will again meet with the UBPL Chair to review the course plan for the fifth year of study and update as needed. The student’s performance in the graduate-level courses taken as an undergraduate will be evaluated. To continue in the track, students must earn a combined minimum GPA of 3.25 for these courses. At this time, the student will select a specialization area within the planning degree, and will meet with a faculty advisor who is overseeing that specialization to ensure the course plan is accurate.

A. For those students who do not meet the minimum GPA requirement of 3.25 in the first semester of Year 5 an alternative plan of study to address the student’s deficiencies may be developed, at the department’s sole discretion. Students may also be dismissed from the program.

A. If the baccalaureate degree is not completed at the end of Year 4, the student will not be permitted to enroll in courses for graduate credit toward the MUP degree until the baccalaureate degree has been conferred.

Students should complete all requirements for the master’s degree within one year of receiving the bachelor’s degree. If unforeseen circumstances prevent the timely completion of the master’s degree, the student must consult with their graduate advisor to develop an alternative plan for completion.

### Faculty Profile

<table>
<thead>
<tr>
<th>Name of Faculty and Rank</th>
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### Academic Support

No additional academic support resources needed.

### Facilities and Equipment

No additional facilities or equipment needed.

### Program Review, Assessment, Accreditation

In addition to regular mandated University review, the Urban Planning Program is fully accredited by the Planning Accreditation Board (PAB). We also have an External Advisory Board (EAB) to provide review and oversight. Our Advisory Board members come from planning professionals, including some alumni, who work in the public, private, and not-for-profit sectors.

### Costs, Financing

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What is the source of the new funds?

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Please see attached sample course plan mapping out possible course sequences for the B.A. and B.G.S. Environmental Studies/Master of Urban Planning 4+1 accelerated track, plus the standard curriculum for the Master of Urban Planning degree

Kristine Latta (klatta) (10/26/17 3:34 pm): Please see Environmental Studies undergraduate concentration proposal of the same name for the undergraduate portion of this 4+1 curriculum.

Kristine Latta (klatta) (10/26/17 3:36 pm): David Fowle and Stacey White are the faculty contacts for this proposal.

Kristine Latta (klatta) (10/26/17 3:36 pm): Approved by Dean Lejuez on 10/26.
Program Change Request

New Program Proposal

Date Submitted: 11/06/17 8:59 am

Viewing: HA-CONC : History of Art 4+1 (East Asian)

Last edit: 11/06/17 8:59 am

Changes proposed by: lstudley

Academic Career: Graduate, Lawrence
Program Type: Concentration
Department/Program: History of Art
School/College: College of Lib Arts & Sciences
Consulting School(s)/College(s):
Consulting Department(s):
Program Name: History of Art 4+1 (East Asian)
Location(s) of Instruction: Lawrence

Do you intend for this program to be offered online?
No

Effective Catalog: 2018 - 2019

Program Description

The 4+1 M.A. program enables qualified KU students to earn a Bachelor's degree in art history and count 12 hours of 500-level-or-above course work in the major completed in Year 4 of study for both the Bachelor's and M.A. degrees. The M.A. degree is completed in the fifth year.

The M.A. may be pursued as a terminal degree or as preparation to petition for admission to doctoral studies at KU or to apply elsewhere.

Demand/Need for the Program

An M.A. degree in art history or a related discipline is an increasingly necessary qualification for an entry-level position in an arts-focused institution or business (e.g. a museum, art center, or commercial art gallery). KU's well-regarded M.A. program in art history attracts dozens of applications annually, including some from our own undergraduate majors. Most of our M.A.-holding alumni get good jobs upon graduation in museums or other arts-related organizations. So there is a clear and well-justified demand for the KU M.A. degree in art history and we see the development of a 4+1 program as a way of capitalizing on that demand by offering an expedited path to the degree.

Comparative/Locational Advantage

We are aware of two existing 4+1 M.A. programs in art history in the U.S., at Tulane University (http://www2.tulane.edu/liberal-arts/art/4-plus-1-art-masters.cfm) and at Brown University (https://www.brown.edu/academics/art-history/undergraduate/bama-program/bama-program).

We sense a comparative advantage over these programs since: 1) our art history department has a larger faculty and thus more and a broader range of course offerings than both Tulane and Brown; 2) we have a Ph.D. program, unlike Tulane, which only offers an M.A.; 3) KU's in-state tuition is lower than Tulane's and Brown's tuition; 4) our M.A. program, unlike Tulane's and Brown's, does not require a thesis or qualifying paper; 5) our M.A. program requires proficiency in one foreign language, whereas Brown requires proficiency in two foreign languages.

Admission Requirements

Careful course selection and steady progression through the undergraduate career is necessary to ensure all requirements for both degrees may be completed within the 5-year time-frame. All prospective students should discuss their interest in admission to the 4+1 track with both the Undergraduate Advisor and the Director of Graduate Studies no later than the student's Junior year (Year 3).

Prospective students are eligible to apply to the graduate program in the spring semester of their Junior year. The following requirements must be met by this time:

- Major GPA of at least 3.25 and cumulative GPA of at least 3.00;
- On track to complete all requirements for a B.A. degree in History of Art from KU by the spring semester of the Senior Year (Year 4)

Applicants must complete an Application for Graduate Study online. The following information should be gathered in advance and uploaded with the application:

- Two letters of recommendation (preferably from professors in the major). You will be asked to enter the names and e-mail addresses for two recommenders while completing the online application. Your recommenders will automatically receive an e-mail requesting their letters when you submit the application. It is not necessary for your recommenders to send hard copies of their letters to the department if they submit their letters electronically. Should a recommender feel uncomfortable with the online submission process, please contact the department for more options.
Résumé or curriculum vitae
A one-page statement of educational and career objectives
A writing sample, preferably from an art history course, 5-10 pages of text not including the bibliography, endnotes, or images following endnotes.

Upon review of the Application for Admission, the History of Art Department will notify the student of his or her eligibility to begin coursework in the program. Final acceptance to the graduate program will be contingent upon the following:

- Successful completion of all requirements for the Bachelor's degree;
- Grades of B+ or above in all History of Art graduate-level coursework taken in Year 4

Degree Requirements

The course requirements for this accelerated program are fulfilled by a combination of graduate-level courses taken for both undergraduate and graduate credit in Year 4, and graduate credit courses taken in Year 5. Numerous graduate-level courses are regularly offered that fulfill distribution requirements for both the Bachelor's and M.A. degrees.

The student must be approved to begin coursework toward the 4+1 prior to enrolling in any 500 level or above courses that are to count for both undergraduate and graduate credit.

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

1. Foundation Courses: (9)
   - HA 150 History of Western Art: Ancient Through Medieval
   - or HA 160 History of Western Art: Ancient Through Medieval, Honors
   - HA 151 History of Western Art: Renaissance to Contemporary
   - or HA 161 History of Western Art: Renaissance to Contemporary, Honors
   and either
   - HA 165 Introduction to Asian Art
   - or HA 166 The Visual Arts of East Asia

2. Breadth Courses: Complete one course in each of the following six categories. At least one must be completed at the 500 level or above.
   - The Art after 1900 course must be in an East Asian Topic. (18)
   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 527 Late Medieval Art in Italy
      - HA 593 Special Study in Medieval Art: _____
   B. Art between 1300-1600: European, Mediterranean, or Near Eastern
      - HA 330 Italian Renaissance Art
      - HA 331 Northern European Art from Van Eyck to Brueghel
      - HA 394 Special Study in Renaissance Art: _____
      - HA 500 Prints and Printmakers
      - HA 511 From Court to City: Northern Art
      - HA 512 Humanism and Reform: 16th Century Northern European Art
      - HA 530 Renaissance Art in Italy: The 15th Century
      - HA 531 Renaissance Art in Italy: The 16th Century
      - HA 594 Special Study in Renaissance Art: _____
   C. Art between 1600 and 1700: European
      - HA 372 Baroque Art in Europe
      - HA 395 Special Study in Baroque Art: _____
      - HA 576 Art in the Age of Rubens, Rembrandt and Vermeer: Northern Baroque
      - HA 577 Italian Baroque Art
      - HA 579 Southern Baroque Art
      - HA 595 Special Study in Baroque Art: _____
   D. Art between 1700 and 1900: European or American
      - HA 370 American Art
      - HA 533 European Art 1789-1848: Gender and Revolution
      - HA 534 Art in France 1848-1900: Modernisms
      - HA 342 Special Study in 18th/19th-Century European or American Art: _____
      - HA 542 Special Study in 18th-19th Century European or American Art: _____
      - HA 570 American Art
      - HA 581 American Art to 1860: Inventing a Nation
      - HA 582 American Art 1860-1900: Gilded Age
   E. Asian Art before 1900
      - HA 340 Special Study in Asian Art Before 1900: _____
      - HA 354 Japanese Prints
      - HA 361 Buddhist Art of Korea
      - HA 362 Ceramics of Korea
      - HA 367 Art and Culture of Japan
A detailed presentation of departmental degree requirements and regulations is included in the department's Graduate Student Handbook, available online.

**Progression Requirements**

Given the accelerated nature of this program, each student's progress will be closely monitored at various points during the program:

1. Once approved to begin graduate coursework, the student must meet with the DGS to plan the final year of undergraduate study.
2. At the end of the final semester of undergraduate study (Year 4), the department will review the student's performance in graduate-level HA courses taken in Year 4. The student must earn a grade of B+ or better in each of these courses to be eligible for regular admission to the master's degree.
3. Following completion and award of the undergraduate degree, the admitted student will again meet with the DGS to review the course plan for the fifth year of study and update as needed. The student's performance in the graduate-level courses taken as an undergraduate will be evaluated.
4. For those students who do not meet the minimum GPA requirement of 3.0 in the first semester of Year 5, the department may, at its discretion, devise a plan of study to address the student's deficiencies, or may dismiss the student from the program.
5. The student will not be permitted to enroll in additional courses for graduate credit toward the master's degree until the baccalaureate degree has been conferred.

Students should complete all requirements for the 4+1 within one year of receiving the bachelor's degree. If unforeseen circumstances prevent the timely completion of the master's degree, the student must consult with their graduate advisor to develop an alternative plan for completion.
Faculty Profile

<table>
<thead>
<tr>
<th>Name of Faculty and Rank</th>
<th>Highest Degree</th>
<th>Number of Faculty FTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>David Cateforis, Professor</td>
<td>Ph.D.</td>
<td>1.0</td>
</tr>
<tr>
<td>Charles C. Eldridge, Hall Distinguished Professor</td>
<td>Ph.D.</td>
<td>1.0</td>
</tr>
<tr>
<td>Sherry Fowler, Professor</td>
<td>Ph.D.</td>
<td>1.0</td>
</tr>
<tr>
<td>Anne D. Hedeman, Judith Harris Murphy Distinguished Professor</td>
<td>Ph.D.</td>
<td>1.0</td>
</tr>
<tr>
<td>Maki Kaneko, Associate Professor</td>
<td>Ph.D.</td>
<td>1.0</td>
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<tr>
<td>Marni Kessler, Associate Professor</td>
<td>Ph.D.</td>
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<tr>
<td>Jungsil Jenny Lee, Visiting Assistant Professor (2015-2018)</td>
<td>Ph.D.</td>
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<tr>
<td>Areli Marina, Associate Professor</td>
<td>Ph.D.</td>
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<tr>
<td>Amy McNair, Professor</td>
<td>Ph.D.</td>
<td>1.0</td>
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<tr>
<td>John Pultz, Associate Professor</td>
<td>Ph.D.</td>
<td>1.0</td>
</tr>
<tr>
<td>Maya Stiller, Assistant Professor</td>
<td>Ph.D.</td>
<td>1.0</td>
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<tr>
<td>Linda Stone-Ferrier, Professor</td>
<td>Ph.D.</td>
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Student Profile

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<table>
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<tr>
<th>Anticipated number of program graduates</th>
<th>After 5 Years</th>
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<tr>
<td></td>
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<td>4</td>
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</table>

Academic Support

The department's existing resources are adequate to support this program. Students who have indicated an interest in the 4 + 1 degree will be advised by the department's undergraduate advisor in Years 1-3. The DGS will also work with those students and will become their primary advisor in Year 4.

Facilities and Equipment

None

Program Review, Assessment, Accreditation

This degree will be reviewed under any mandated program review.

The department will establish a tracking sheet customized to the requirements of the 4 + 1 M.A. degree that we will employ to monitor the progress-to-degree of students enrolled in the program. Students in Year 5 of the 4 + 1 program will undergo the standard departmental spring semester review of M.A. students.

Assessment: we will employ the department's existing Bachelor's and M.A. degree assessment plans, which are applicable to students in the 4 + 1 M.A. degree program.

The assessment plan for the Bachelor's degree:

The assessment plan for the MA degree:

Accreditation: n/a

Costs, Financing
What is the source of the new funds?

n/a

Rationale for proposal
The art history department sees an opportunity to grow our M.A. program in a revenue-positive way by encouraging our best undergraduate majors to remain at KU an extra year and earn an M.A. degree in an expedited fashion. We believe we can attract them to this opportunity by demonstrating that holding the M.A. rather than only a Bachelor's degree will position them for greater success on the job market. This degree will also qualify them to pursue a Ph.D.

Additional Information
Sample academic plan attached

Supporting Documents
Sample Academic Plan for History of Art (East Asian).docx

Program Reviewer Comments
Rachel Schwien (rschwien) (11/01/17 11:07 am): Rollback: per request
Kristine Latta (klatta) (11/01/17 11:56 am): Rollback: Needs to be submitted as a concentration
Kristine Latta (klatta) (11/02/17 9:40 am): Rollback: As requested
**Program Change Request**

**New Program Proposal**

Date Submitted: 11/06/17 9:25 am

Viewing: **HA-CONC : History of Art 4+1 (European/American)**

Last edit: 11/06/17 9:25 am

Changes proposed by: lstudley

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<td>Department/Program</td>
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<td>School/College</td>
<td>College of Lib Arts &amp; Sciences</td>
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<tr>
<td>Consulting School(s)/College(s)</td>
<td>History of Art 4+1 (European/American)</td>
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**Program Description**

The 4+1 M.A. program enables qualified KU students to earn a Bachelor’s degree in art history and count 12 hours of 500-level-or-above course work in the major completed in Year 4 of study for both the Bachelor’s and M.A. degrees. The M.A. degree is completed in the fifth year.

The program has two tracks, one leading to an M.A. in European and American art and one leading to an M.A. in East Asian art. The M.A. may be pursued as a terminal degree or as preparation to petition for doctoral studies at KU or to apply elsewhere.

**Demand/Need for the Program**

An M.A. degree in art history or a related discipline is an increasingly necessary qualification for an entry-level position in an arts-focused institution or business (e.g. a museum, art center, or commercial art gallery). KU’s well-regarded M.A. program in art history attracts dozens of applications annually, including some from our own undergraduate majors. Most of our M.A.-holding alumni get good jobs upon graduation in museums or other arts-related organizations. So there is a clear and well-justified demand for the KU M.A. degree in art history and we see the development of a 4+1 program as a way of capitalizing on that demand by offering an expedited path to the degree.

**Comparative/Locational Advantage**

We are aware of two existing 4+1 M.A. programs in art history in the U.S., at Tulane University (http://www2.tulane.edu/liberal-arts/art/4-plus-1-art-masters.cfm) and at Brown University (https://www.brown.edu/academics/art-history/undergraduate/bama-program/bama-program).

We sense a comparative advantage over these programs since: 1) our art history department has a larger faculty and thus more and a broader range of course offerings than both Tulane and Brown; 2) we have a Ph.D. program, unlike Tulane, which only offers an M.A.; 3) KU’s in-state tuition is lower than Tulane’s and Brown’s tuition; 4) our M.A. program, unlike Tulane’s and Brown’s, does not require a thesis or qualifying paper; 5) our M.A. program requires proficiency in one foreign language, whereas Brown requires proficiency in two foreign languages.

**Admission Requirements**

Careful course selection and steady progression through the undergraduate career is necessary to ensure all requirements for both degrees may be completed within the 5-year timeframe. All prospective students should discuss their interest in admission to the 4+1 track with both the Undergraduate Advisor and the Director of Graduate Studies no later than the student’s Junior year (Year 3).

Prospective students are eligible to apply to the graduate program in the spring semester of their Junior year. The following requirements must be met by this time:

- Major GPA of at least 3.25 and cumulative GPA of at least 3.00;
- On track to complete all requirements for a B.A. degree in History of Art from KU by the spring semester of the Senior Year (Year 4)

Applicants must complete an Application for Graduate Study online. The following information should be gathered in advance and uploaded with the application:

- Two letters of recommendation (preferably from professors in the major). You will be asked to enter the names and e-mail addresses for two recommenders while completing the online application. Your recommenders will automatically receive an e-mail requesting their letters when you submit the application. It is not necessary for your recommenders to send hard copies of their letters to the department if they submit their letters electronically.
Should a recommender feel uncomfortable with the online submission process, please contact the department for more options.

- Résumé or curriculum vitae
- A one-page statement of educational and career objectives
- A writing sample, preferably from an art history course, 5-10 pages of text not including the bibliography, endnotes, or images following endnotes.

Upon review of the Application for Admission, the History of Art Department will notify the student of his or her eligibility to begin coursework in the program. 

**Final acceptance to the graduate program will be contingent upon the following:**

- Successful completion of all requirements for the Bachelor's degree;
- Grades of B+ or above in all History of Art graduate-level coursework taken in Year 4

### Degree Requirements

The course requirements for this accelerated program are fulfilled by a combination of graduate-level courses taken for both undergraduate and graduate credit in Year 4, and graduate credit courses taken in Year 5. Numerous graduate-level courses are regularly offered that fulfill distribution requirements for both the Bachelor's and M.A. degrees.

The student must be approved to begin coursework toward the 4+1 prior to enrolling in any 500 level or above courses that are to count for both undergraduate and graduate credit.

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

| 1. Foundation Courses (9) |  
|--------------------------|----------------------------------|
| HA 150                   | History of Western Art: Ancient Through Medieval |
| or HA 160                | History of Western Art: Ancient Through Medieval, Honors |
| HA 151                   | History of Western Art: Renaissance to Contemporary |
| or HA 161                | History of Western Art: Renaissance to Contemporary, Honors |
| and either               | Introduction to Asian Art |
| or HA 165                | The Visual Arts of East Asia |

| 2. Breadth Courses: Complete one course in each of the following six categories. At least two must be completed at the 500 level or above and at least one must be completed at the 700 level or above. (18) |  
|---------------------------------------------------------------|----------------------------------|
| A. Art between 400-1400: European, Mediterranean, or Near Eastern | 3 |
| 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 527 | Late Medieval Art in Italy |
| HA 593 | Special Study in Medieval Art: _____ |
| HA 706 | Seminar: _____ (Topic must fall within breadth area) |

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<tr>
<th>B. Art between 1300-1600: European, Mediterranean, or Near Eastern</th>
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<tbody>
<tr>
<td>HA 330</td>
<td>Italian Renaissance Art</td>
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<td>HA 331</td>
<td>Northern European Art from Van Eyck to Brueghel</td>
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<td>HA 394</td>
<td>Special Study in Renaissance Art: _____</td>
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<td>HA 500</td>
<td>Prints and Printmakers</td>
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<td>HA 511</td>
<td>From Court to City: Northern Art</td>
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<td>Renaissance Art in Italy: The 15th Century</td>
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<td>Special Study in Renaissance Art: _____</td>
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<td>HA 706</td>
<td>Seminar: _____ (Topic must fall within breadth area)</td>
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<td>Baroque Art in Europe</td>
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<td>Italian Baroque Art</td>
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<td>HA 595</td>
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<th>D. Art between 1700 and 1900: European or American</th>
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<tr>
<td>HA 370</td>
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<td>HA 533</td>
<td>European Art 1789-1848: Gender and Revolution</td>
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<td>HA 340</td>
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<td>Art and Culture of Japan</td>
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<td>Modern and Contemporary Visual Arts of Japan</td>
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<td>Japanese Artistic Encounters with Europe and the United States</td>
</tr>
<tr>
<td>HA 596</td>
<td>Seminar: ____ (Topic must fall within breadth area)</td>
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</table>

3. Complete a 500 level or above art history course (3 hours) approved for Goal 6 in the KU Core. (The Goal 6 art history course may also fulfill one 3 of the breadth requirements above, in which case an elective course should be taken for the final 3 required hours of art history.) (3)

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

Total Hours: (30)

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](https://next.catalog.ku.edu/courseleaf/courseleaf.cgi?page=/progr...).

### Master's Degree Requirements

Proficiency in a foreign language is required for the M.A. degree. Students in the 4+1 program should complete at least the fourth semester of a relevant foreign language (normally French, German, Italian, or Spanish) with a grade of B or better by the end of Year 4 or be prepared to demonstrate proficiency by passing the department's language proficiency exam at the beginning of Year 5. Should the student not pass the proficiency exam, s/he will be expected
either to enroll in the appropriate level of language study or establish a plan for passing the language exam at the start of the second semester of Year 5. In addition to the 12 credit hours of graduate coursework taken during the senior year, students must complete an additional 18 credit hours of graduate coursework, for a total of 30 hours of graduate credit. The full 30 hours must include:
At least 15 credit hours at the 700 level or above
At least 6 graduate seminars, including 2 at the 800 level or above (the latter also count toward the required 15 hours of 700 level or above)
One course in at least three of these areas:
1. 400-1400: Europe, the Mediterranean, or Near East
2. 1300-1700: Europe, the Mediterranean, or Near East
3. 1700-1900: Europe or America
4. Post-1900: Europe or America

Written Comprehensive Examination
A general written examination in European/American art must be passed for the M.A. degree. A detailed presentation of departmental degree requirements and regulations is included in the department’s Graduate Student Handbook, available online.

Progression Requirements
Given the accelerated nature of this program, each student's progress will be closely monitored at various points during the program:
1. Once approved to begin graduate coursework, the student must meet with the DGS to plan the final year of undergraduate study.
2. At the end of the final semester of undergraduate study (Year 4), the department will review the student's performance in graduate-level HA courses taken in Year 4. The student must earn a grade of B+ or better in each of these courses to be eligible for regular admission to the master's degree.
3. Following completion and award of the undergraduate degree, the admitted student will again meet with the DGS to review the course plan for the fifth year of study and update as needed. The student's performance in the graduate-level courses taken as an undergraduate will be evaluated.
4. For those students who do not meet the minimum GPA requirement of 3.0 in the first semester of Year 5, the department may, at its discretion, devise a plan of study to address the student's deficiencies, or may dismiss the student from the program.
5. The student will not be permitted to enroll in additional courses for graduate credit toward the master's degree until the baccalaureate degree has been conferred.

Students should complete all requirements for the 4+1 within one year of receiving the bachelor's degree. If unforeseen circumstances prevent the timely completion of the master's degree, the student must consult with their graduate advisor to develop an alternative plan for completion.

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<tr>
<td>Jungsil Jenny Lee, Visiting Assistant Professor</td>
<td>Ph.D.</td>
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</tr>
<tr>
<td>Areli Marina, Associate Professor</td>
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<tr>
<td>Amy McNair, Professor</td>
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<tr>
<td>John Pultz, Associate Professor</td>
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<tr>
<td>Maya Stiller, Assistant Professor</td>
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</tr>
<tr>
<td>Linda Stone-Ferrier, Professor</td>
<td>Ph.D.</td>
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<table>
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<th>Anticipated student enrollment</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
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<td>4</td>
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<td>Part Time</td>
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<td>0</td>
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<tr>
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<td>4</td>
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<table>
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<tr>
<th>Anticipated number of program graduates</th>
<th>After 5 Years</th>
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</table>
Academic Support

The department's existing resources are adequate to support this program. Students who have indicated an interest in the 4 + 1 degree will be advised by the department's undergraduate advisor in Years 1-3. The DGS will also work with those students and will become their primary advisor in Year 4.

Facilities and Equipment

None

Program Review, Assessment, Accreditation

This degree will be reviewed under any mandated program review.

The department will establish a tracking sheet customized to the requirements of the 4 + 1 M.A. degree that we will employ to monitor the progress-to-degree of students enrolled in the program. Students in Year 5 of the 4 + 1 program will undergo the standard departmental spring semester review of M.A. students.

Assessment: we will employ the department's existing Bachelor's and M.A. degree assessment plans, which are applicable to students in the 4 + 1 M.A. degree program.

The assessment plan for the Bachelor's degree:

The assessment plan for the MA degree:

Accreditation: n/a

Costs, Financing

<table>
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<tr>
<th></th>
<th>Salaries</th>
<th>OOE</th>
<th>Equipment</th>
<th>Other</th>
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</thead>
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<td>0</td>
<td>0</td>
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</table>

What is the source of the new funds?

n/a

Rationale for proposal

The art history department sees an opportunity to grow our M.A. program in a revenue-positive way by encouraging our best undergraduate majors to remain at KU an extra year and earn an M.A. degree in an expedited fashion. We believe we can attract them to this opportunity by demonstrating that holding the M.A. rather than only a Bachelor's degree will position them for greater success on the job market. This degree will also qualify them to pursue a Ph.D.

Additional Information

Sample academic plan attached.

Supporting Documents

Sample Academic Plan for History of Art (European American).docx

Program Reviewer Comments

Rachel Schwien (rschwien) (11/01/17 11:07 am); Rollback: per request
Kristine Latta (klatta) (11/01/17 11:55 am); Rollback: Needs to be submitted as a concentration.
Kristine Latta (klatta) (11/02/17 9:40 am); Rollback: As requested