# Course Inventory Change Request

**Viewing:** CHEM 537: Physical Chemistry Laboratory

Formerly known as: CHEM 531

**Date Submitted:** 07/07/17 2:57 pm

**Last approved:** 01/05/17 4:30 am

**Last edit:** 07/07/17 2:57 pm

**Changes proposed by:** dgarens

## Catalog Pages referencing this course

- BS in Chemistry
- BS in Chemistry with concentration in Biological Chemistry
- BS in Chemistry with concentration in Chemical Physics
- Bachelor of Science in Interdisciplinary Computing
- CHFM-RA: Chemistry, RA

## Catalog Description

Experiments in physical chemistry, with emphasis on the fundamental principles of quantum mechanics, spectroscopy, thermodynamics and kinetics as applied to chemical systems.

**CHEM 401 and CHEM 530 and concurrent enrollment in CHEM 535.**

## Prerequisites

CHEM 401 and CHEM 530 and concurrent enrollment in CHEM 535.

## Cross Listed Courses:

- 3

## Course Type

- Laboratory Main (Laboratory that is a main component) (LAB)

## Associated Components (Optional)

Laboratory - Associated with a main component

## Grading Basis

A-D(+/-)FI (G11)

## Is this course part of the University Honors Program?

- No

## Are you proposing this course for KU Core?

- No

## Typically Offered

- Only Spring Semester

## Repeatable for credit?

- No

## Principal Course Designator

- U - Undesignated elective

## Are you proposing that the course count towards the CLAS BA degree specific requirements?

- No

### Rationale for Course Proposal

This change/addition is necessary as we integrate the CHEM 401 and CHEM 537 laboratories to more systematically introduce...
<table>
<thead>
<tr>
<th>Course Reviewer</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rachel Schwien (rschwien)</td>
<td>(08/18/17 10:21 am): Holding for submission of additional changes due to CHEM number change</td>
</tr>
<tr>
<td>May 3010</td>
<td></td>
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</tbody>
</table>
Course Inventory Change Request

Date Submitted: 08/18/17 4:54 pm

Viewing: CHEM 635 : Instrumental Methods of Analysis

Last approved: 02/03/17 4:30 am
Last edit: 08/18/17 4:54 pm

Changes proposed by: dgarens

Catalog Pages referencing this course
- BA in Chemistry with concentration in Biological Chemistry
- BS in Chemistry
- BS in Chemistry with concentration in Biological Chemistry
- BS in Chemistry with concentration in Chemical Physics

Academic Career
- Undergraduate, Lawrence

Subject Code
- CHEM

Course Number
- 635

Academic Unit
- Department: Chemistry
- School/College: College of Lib Arts & Sciences

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

Title
- Instrumental Methods of Analysis

Transcript Title
- Instrumental Methods of Analysis

Effective Term
- Fall 2018

Catalog Description
- Theory and application of instrumental methods to modern analytical problems. Topics covered include atomic and molecular spectroscopy, electrochemistry, mass spectrometry, and separations.

Prerequisites
- CHEM 400 620 and CHEM 401 621 and one semester of physical chemistry laboratory, or permission of instructor.

Cross Listed Courses:

Credits
- 2

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

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

Is this course part of the University Honors Program?
- No

Are you proposing this course for KU Core?
- No

Typically Offered
- Only Spring Semester

Repeatable for credit?
- No

Principal Course Designator
- U - Undesignated elective

Are you proposing that the course count towards the CLAS BA degree specific requirements?
- No

Will this course be required for a degree, major, minor, certificate, or concentration?
- No

Rationale for Course Proposal
- Course number changes to Analytical Chemistry pre-requisite for the this course.

Course Reviewer Comments
# Course Inventory Change Request

**Viewing:** CHEM 636 : Instrumental Methods of Analysis Laboratory

**Date Submitted:** 08/18/17 4:55 pm

**Last approved:** 01/25/17 4:30 am

**Last edit:** 08/18/17 4:55 pm

**Changes proposed by:** dgarens

<table>
<thead>
<tr>
<th>Catalog Pages referencing this course</th>
</tr>
</thead>
<tbody>
<tr>
<td>BA in Chemistry</td>
</tr>
<tr>
<td>BA in Chemistry with concentration in Biological Chemistry</td>
</tr>
<tr>
<td>BS in Chemistry</td>
</tr>
<tr>
<td>BS in Chemistry with concentration in Biological Chemistry</td>
</tr>
<tr>
<td>BS in Chemistry with concentration in Chemical Physics</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Academic Career</th>
<th>Undergraduate, Lawrence</th>
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</thead>
<tbody>
<tr>
<td>Subject Code</td>
<td>CHEM</td>
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<tr>
<td>Academic Unit</td>
<td>Department Chemistry</td>
</tr>
<tr>
<td>School/College</td>
<td>College of Lib Arts &amp; Sciences</td>
</tr>
</tbody>
</table>

- **Do you intend to offer any portion of this course online?** No
- **Title** Instrumental Methods of Analysis Laboratory
- **Transcript Title** Instrumtl Mthd of Analysis Lab
- **Effective Term** Fall 2018 2017

**Catalog Description**
Theory and application of instrumental methods to modern analysis problems. Experiments covered in this capstone laboratory course include atomic and molecular spectroscopy, electrochemistry, and separation methods.

**Prerequisites**
CHEM 400 620 and CHEM 401, 621, and one semester of physical chemistry laboratory; or permission of instructor. Prerequisite or Corequisite: CHEM 635.

**Cross Listed Courses:**

<table>
<thead>
<tr>
<th>Credits</th>
<th>3</th>
</tr>
</thead>
</table>

**Course Type** Laboratory Main (Laboratory that is a main component) (LAB)

**Grading Basis** A-D(+)FI (G11)

**Is this course part of the University Honors Program?** No

**Are you proposing this course for KU Core?** Yes

**Typically Offered** Only Spring Semester

**Repeatable for credit?** No

**Principal Course Designator** U - Undesignated elective

**Are you proposing that the course count towards the CLAS BA degree specific requirements?** No

**Will this course be required for a degree, major, minor, certificate, or concentration?** No

**Rationale for Course Proposal** course numbers changed for the pre-requisites for Analytical chemistry.

**KU Core Information**
Has the department approved the nomination of this course to KU Core?

Yes

<table>
<thead>
<tr>
<th>Name of person giving departmental approval</th>
<th>Date of Departmental Approval</th>
</tr>
</thead>
<tbody>
<tr>
<td>previously</td>
<td>approved</td>
</tr>
</tbody>
</table>

Selected Goal(s)

Do all instructors of this course agree to include content that enables students to meet KU Core learning outcome(s)?

Yes

Do all instructors of this course agree to develop and save direct evidence that students have met the learning outcomes(s)?

Yes

Provide an abstract (1000 characters maximum) that summarizes how this course meets the learning outcome.

already approved

Selected Learning Outcome(s):

Goal 6

Is this course or course sequence at the required junior or senior level?

Yes

Explain how students will analyze and combine information from different areas and approach and explain existing questions and problems from new perspectives, pose new questions or generate new ideas. (Please limit responses to 1000 characters.)

already approved

If your course or course sequence expects students to develop a creative product, please detail the nature of this product and how it will require students to think, react, and work in imaginative ways that produce innovative expressions and original perspectives. (Please limit responses to 1000 characters.)

already approved

Indicate the weight of the evidence in the overall grade of your course or educational experience that will evaluate students for integrative or creative thinking and how you will ensure that your syllabus reflects these assignment expectations. (Please limit responses to 1000 characters with countdown.)

already approved

KU Core Documents

blank.docx

Course Reviewer Comments

Key: 3032
Course Inventory Change Request

Date Submitted: 05/08/17 9:47 am

Viewing: GEOG 556: Geography of the Energy Crisis

Last edit: 05/08/17 9:47 am

Changes proposed by: koerner

Programs referencing this course
- GEOG-BA/BGS: Geography, B.A./B.G.S.
- GEOG-MA: Geography, M.A.

Academic Career Undergraduate, Lawrence
Subject Code GEOG Course Number 556
Academic Unit Department Geography
School/College College of Lib Arts & Sciences

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

Title Geography of the Energy Crisis
Transcript Title Geography of the Energy Crisis
Effective Term Summer 2017

Catalog Description A discussion and analysis of the basic facts and causes of energy problems on a national and world scale. Examines current production, consumption, efficiency, reserves, conservation, and other energy policy options, including adjustments that will affect consumer use, national politics, and strategic issues.

Prerequisites GEOG 102 or GEOG 375.

Cross Listed Courses:

Credits 3
Course Type Lecture (Regularly scheduled academic course) (LEC)
Grading Basis A-D(+-)/FI (G11)

Is this course part of the University Honors Program?
- No

Are you proposing this course for KU Core?
- No

Typically Offered Not Typically Offered
Repeatable for credit?
- No

Principal Course Designator S - Social Sciences

Are you proposing that the course count towards the CLAS BA degree specific requirements?
- No

Will this course be required for a degree, major, minor, certificate, or concentration?
- No

Rationale for Course Proposal GEOG 375 has been deactivated. GEOG 102 remains as the prerequisite.

Course Reviewer Comments

Key: 4034

Date Submitted: 05/08/17 9:47 am

Viewing: GEOG 556: Geography of the Energy Crisis

Last edit: 05/08/17 9:47 am

Changes proposed by: koerner

Programs referencing this course
- GEOG-BA/BGS: Geography, B.A./B.G.S.
- GEOG-MA: Geography, M.A.

Academic Career Undergraduate, Lawrence
Subject Code GEOG Course Number 556
Academic Unit Department Geography
School/College College of Lib Arts & Sciences

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

Title Geography of the Energy Crisis
Transcript Title Geography of the Energy Crisis
Effective Term Summer 2017

Catalog Description A discussion and analysis of the basic facts and causes of energy problems on a national and world scale. Examines current production, consumption, efficiency, reserves, conservation, and other energy policy options, including adjustments that will affect consumer use, national politics, and strategic issues.

Prerequisites GEOG 102 or GEOG 375.

Cross Listed Courses:

Credits 3
Course Type Lecture (Regularly scheduled academic course) (LEC)
Grading Basis A-D(+-)/FI (G11)

Is this course part of the University Honors Program?
- No

Are you proposing this course for KU Core?
- No

Typically Offered Not Typically Offered
Repeatable for credit?
- No

Principal Course Designator S - Social Sciences

Are you proposing that the course count towards the CLAS BA degree specific requirements?
- No

Will this course be required for a degree, major, minor, certificate, or concentration?
- No

Rationale for Course Proposal GEOG 375 has been deactivated. GEOG 102 remains as the prerequisite.

Course Reviewer Comments

Key: 4034

Date Submitted: 05/08/17 9:47 am

Viewing: GEOG 556: Geography of the Energy Crisis

Last edit: 05/08/17 9:47 am

Changes proposed by: koerner

Programs referencing this course
- GEOG-BA/BGS: Geography, B.A./B.G.S.
- GEOG-MA: Geography, M.A.

Academic Career Undergraduate, Lawrence
Subject Code GEOG Course Number 556
Academic Unit Department Geography
School/College College of Lib Arts & Sciences

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

Title Geography of the Energy Crisis
Transcript Title Geography of the Energy Crisis
Effective Term Summer 2017

Catalog Description A discussion and analysis of the basic facts and causes of energy problems on a national and world scale. Examines current production, consumption, efficiency, reserves, conservation, and other energy policy options, including adjustments that will affect consumer use, national politics, and strategic issues.

Prerequisites GEOG 102 or GEOG 375.

Cross Listed Courses:

Credits 3
Course Type Lecture (Regularly scheduled academic course) (LEC)
Grading Basis A-D(+-)/FI (G11)

Is this course part of the University Honors Program?
- No

Are you proposing this course for KU Core?
- No

Typically Offered Not Typically Offered
Repeatable for credit?
- No

Principal Course Designator S - Social Sciences

Are you proposing that the course count towards the CLAS BA degree specific requirements?
- No

Will this course be required for a degree, major, minor, certificate, or concentration?
- No

Rationale for Course Proposal GEOG 375 has been deactivated. GEOG 102 remains as the prerequisite.

Course Reviewer Comments

Key: 4034

Date Submitted: 05/08/17 9:47 am

Viewing: GEOG 556: Geography of the Energy Crisis

Last edit: 05/08/17 9:47 am

Changes proposed by: koerner

Programs referencing this course
- GEOG-BA/BGS: Geography, B.A./B.G.S.
- GEOG-MA: Geography, M.A.

Academic Career Undergraduate, Lawrence
Subject Code GEOG Course Number 556
Academic Unit Department Geography
School/College College of Lib Arts & Sciences

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

Title Geography of the Energy Crisis
Transcript Title Geography of the Energy Crisis
Effective Term Summer 2017

Catalog Description A discussion and analysis of the basic facts and causes of energy problems on a national and world scale. Examines current production, consumption, efficiency, reserves, conservation, and other energy policy options, including adjustments that will affect consumer use, national politics, and strategic issues.

Prerequisites GEOG 102 or GEOG 375.

Cross Listed Courses:

Credits 3
Course Type Lecture (Regularly scheduled academic course) (LEC)
Grading Basis A-D(+-)/FI (G11)

Is this course part of the University Honors Program?
- No

Are you proposing this course for KU Core?
- No

Typically Offered Not Typically Offered
Repeatable for credit?
- No

Principal Course Designator S - Social Sciences

Are you proposing that the course count towards the CLAS BA degree specific requirements?
- No

Will this course be required for a degree, major, minor, certificate, or concentration?
- No

Rationale for Course Proposal GEOG 375 has been deactivated. GEOG 102 remains as the prerequisite.

Course Reviewer Comments

Key: 4034

Date Submitted: 05/08/17 9:47 am

Viewing: GEOG 556: Geography of the Energy Crisis

Last edit: 05/08/17 9:47 am

Changes proposed by: koerner

Programs referencing this course
- GEOG-BA/BGS: Geography, B.A./B.G.S.
- GEOG-MA: Geography, M.A.

Academic Career Undergraduate, Lawrence
Subject Code GEOG Course Number 556
Academic Unit Department Geography
School/College College of Lib Arts & Sciences

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

Title Geography of the Energy Crisis
Transcript Title Geography of the Energy Crisis
Effective Term Summer 2017

Catalog Description A discussion and analysis of the basic facts and causes of energy problems on a national and world scale. Examines current production, consumption, efficiency, reserves, conservation, and other energy policy options, including adjustments that will affect consumer use, national politics, and strategic issues.

Prerequisites GEOG 102 or GEOG 375.

Cross Listed Courses:

Credits 3
Course Type Lecture (Regularly scheduled academic course) (LEC)
Grading Basis A-D(+-)/FI (G11)

Is this course part of the University Honors Program?
- No

Are you proposing this course for KU Core?
- No

Typically Offered Not Typically Offered
Repeatable for credit?
- No

Principal Course Designator S - Social Sciences

Are you proposing that the course count towards the CLAS BA degree specific requirements?
- No

Will this course be required for a degree, major, minor, certificate, or concentration?
- No

Rationale for Course Proposal GEOG 375 has been deactivated. GEOG 102 remains as the prerequisite.

Course Reviewer Comments

Key: 4034
Course Inventory Change Request

Viewing: **GEOG 658 : Topics in Geospatial Technologies: Geographic Information Science:** ______

Last edit: 05/03/17 10:54 am
Changes proposed by: koerner

### Programs referencing this course
- GEOG-BA/BGS: Geography, B.A./B.G.S.
- GEOG-CRTG: Graduate Certificate in Geographic Information Science
- GEOG-CRTU: Geographic Information Science

### Academic Career
- Undergraduate, Lawrence
- Subject Code: GEOG
- Course Number: 658
- Academic Unit: Geography
- School/College: College of Lib Arts & Sciences

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

### Title
- Topics in Geospatial Technologies: Geographic Information Science: ______

### Transcript Title
- Topics in Geospatial Tech: Geography Info Science:

### Effective Term
- Summer 2017

### Catalog Description
- An investigation of special topics in geoinformatics, geographic information science. May include specific coursework under the headings of methodology, basic research, thematic or regional applications, geographic information systems (GIS), Global Positioning System (GPS), and geostatistics. May be repeated if topic differs.

### Prerequisites
- GEOG 111 or GEOG 358 or consent of instructor

### Cross Listed Courses:
- None

### Credits
- 1-6

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

### Associated Components (Optional)
- Laboratory - Associated with a main component

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

### Is this course part of the University Honors Program?
- No

### Are you proposing this course for KU Core?
- No

### Typically Offered
- Typically Every Semester

### Repeatable for credit?
- Yes

### How many times may this course be **taken**?
- 99

### - AND/OR -

### For how many **maximum credits**?
- 999

### Can a student be enrolled in multiple sections in the same semester?
- Yes

### Are you proposing that the course count towards the CLAS BA degree specific requirements?
- No

---

Date Submitted: 05/03/17 9:42 am

Last edit: 05/03/17 10:54 am
Changes proposed by: koerner

Principal Course Designator
- Course Designator

Are you proposing that the course count towards the CLAS BA degree specific requirements?
- No
Will this course be required for a degree, major, minor, certificate, or concentration?

No

Rationale for Course Proposal

Following the name change of these courses to "geoinformatics" to better reflect current terminologies, this course description and title are being changed to reflect the broader content as compared to "Geographic Information Science" which is more narrowly defined.

<table>
<thead>
<tr>
<th>Course Reviewer Comments</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Rachel Schwien (rschwien) (Wed, 03 May 2017 15:53:57 GMT): no prerequisite. Emailed dept 05 03 17</td>
<td></td>
</tr>
</tbody>
</table>
Course Inventory Change Request

Viewing: **GERM 220 : Study Abroad Topics Special-Studies in Germanic Languages and Cultures**

Last edit: 06/19/17 8:36 am
Changes proposed by: vanchena

**Academic Career** Undergraduate, Lawrence

**Subject Code** GERM

**Course Number** 220

**Academic Unit** Department Germanic Languages & Literatures

**School/College** College of Lib Arts & Sciences

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

**Title** Study Abroad Topics Special-Studies in Germanic Languages and Cultures

**Transcript Title** StdyAbroadTopcsGermLangCult Special-Studies Germanic Lang

**Effective Term** Spring 2018

**Catalog Description** This course is Credits awarded for elementary- and intermediate-level instruction in a Germanic language and/or culture while studying abroad. Transfer credits must be arranged through the KU Office of Study Abroad, with permission from the departmental undergraduate advisor. May be repeated for credit if content varies.

**Prerequisites** None

**Cross Listed Courses:**

**Credits** 1-5

**Course Type** Lecture (Regularly scheduled academic course) (LEC)

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

**Is this course part of the University Honors Program?** No

**Are you proposing this course for KU Core?** No

**Typically Offered** Not Typically Offered

**Repeatable for credit?** Yes

How many times may this course be taken 99 - AND/OR - For how many maximum credits 999

Can a student be enrolled in multiple sections in the same semester? No

**Principal Course Designator** U - Undesignated elective

**Course Designator**

Are you proposing that the course count towards the CLAS BA degree specific requirements? No

Will this course be required for a degree, major, minor, certificate, or concentration? No

**Rationale for Course Proposal** Update course title and description to reflect German Studies curriculum and to allow for more flexibility when transferring study abroad credits. We also want to move away from the language "special topics."
Lorie Vanchena (vanchena) (Sat, 17 Jun 2017 21:27:44 GMT): Typo in course description: maybe - should read "May be repeated..."
Course Inventory Change Request

Date Submitted: 06/17/17 4:31 pm

Viewing: GERM 222 : Study Abroad Topics in German Studies: Special Studies in German:_____

Last edit: 06/17/17 4:31 pm

Changes proposed by: vanchena

Academic Career: Undergraduate, Lawrence
Subject Code: GERM
Course Number: 222
Academic Unit: Department of Germanic Languages & Literatures
School/College: College of Lib Arts & Sciences

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

Title:
Study Abroad Topics in German Studies: Special Studies in German:_____

Transcript Title:
StdyAbroadTopicsGermanStudies Special Studies in German:

Effective Term:
Spring 2018

Catalog Description:
This course is Credits awarded for elementary- and intermediate-level the study of special topics in German Studies courses taught in German taken while studying abroad. Transfer credits must be arranged through the KU Office of Study Abroad, with permission from the departmental undergraduate advisor. May be repeated for credit if content varies.

Prerequisites:
None

Cross Listed Courses:

Credits:
1-3

Course Type:
Lecture (Regularly scheduled academic course) (LEC)

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

Is this course part of the University Honors Program?
No

Are you proposing this course for KU Core?
No

Typically Offered:
Not Typically Offered

Repeatable for credit?
Yes

How many times may this course be taken?
99

- AND/OR -

For how many maximum credits?
999

Can a student be enrolled in multiple sections in the same semester?
Yes

Principal Course Designator:

Course Designator:
H - Humanities
W - World Culture

Are you proposing that the course count towards the CLAS BA degree specific requirements?
No

Will this course be required for a degree, major, minor, certificate, or concentration?
No

Rationale for Course Proposal:
Update course title and description to reflect German Studies curriculum, and to allow more flexibility when awarding transfer credit for courses taken while studying abroad.

https://next.catalog.ku.edu/courseleaf/courseleaf.cgi?page=/courseadmin...
# Course Inventory Change Request

**Date Submitted:** 08/10/17 1:11 pm

**Viewing:** PERS 110: Elementary Iranian/Dari/Tajik Persian I

**Formerly known as:** FARS 110

**Last approved:** 11/19/16 4:30 am

**Last edit:** 08/10/17 1:11 pm

**Changes proposed by:** smd

<table>
<thead>
<tr>
<th>Catalog Pages referencing this course</th>
</tr>
</thead>
<tbody>
<tr>
<td>College of Liberal Arts &amp; Sciences</td>
</tr>
<tr>
<td>Department of Slavic Languages and Literatures</td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>Other Courses</th>
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<tbody>
<tr>
<td>In The Catalog</td>
</tr>
</tbody>
</table>

**Academic Career** Undergraduate, Lawrence

**Subject Code** PERS Course Number 110

**Academic Unit** Department Global & International Studies

**School/College** College of Lib Arts & Sciences

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

**Title** Elementary Iranian/Dari/Tajik Persian I

**Transcript Title** Elementary Irn/Dar/Tjik Pers Persian I

**Effective Term** Spring 2017

**Catalog Description** Vocabulary acquisition, pronunciation, grammar, and writing. Course includes reading of simple texts. Main emphasis on Iranian Persian; acquaintance with basic differences between Iranian, Dari and Tajik Persian. Interested students to be provided with additional opportunities to improve their linguistic skills in the dialect of their interest. Five hours of class per week.

**Prerequisites** None

**Cross Listed Courses:**

<table>
<thead>
<tr>
<th>Credits</th>
<th>5</th>
</tr>
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<tbody>
<tr>
<td>Course Type</td>
<td>Lecture (Regularly scheduled academic course) (LEC)</td>
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<tr>
<td>Grading Basis</td>
<td>A-D(+/-)FI (G11)</td>
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</tbody>
</table>

**Are you proposing this course for KU Core?** No

**Typically Offered** No

**Is this course part of the University Honors Program?** No

<table>
<thead>
<tr>
<th>Principal Course Designator</th>
</tr>
</thead>
<tbody>
<tr>
<td>U - Undesignated elective</td>
</tr>
</tbody>
</table>

**Are you proposing that the course count towards the CLAS BA degree specific requirements?** No

**Will this course be required for a degree, major, minor, certificate, or concentration?** No

**Rationale for Course Proposal** Previously we unified the multiplicity of course acronyms by replacing them with PERS – this will allow us to account for enrollments under a single rubric. Modifying the titles and descriptions of the courses with the names Iranian/Dari/Tajik allows us to acknowledge
students' opportunities to understand and gain ability to operate with Tajik and Dari varieties, not just Iranian Persian (Farsi)

Course Reviewer

Stephen Dickey (smd) (08/10/17 1:15 pm): Transcript title needs to be Elementary Irn/Di/Tjek Pers Persian I

Key: 3053
# Course Inventory Change Request

**Viewing:** PERS 120 : Elementary Iranian/Dari/Tajik Persian II  
Formerly known as: FARS 120

**Last approved:** 11/19/16 4:30 am  
**Last edit:** 08/10/17 1:29 pm

Changes proposed by: smd

| Catalog Pages referencing this course | College of Liberal Arts & Sciences  
Department of Slavic Languages and Literatures |
<table>
<thead>
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<th>Academic Career</th>
<th>Undergraduate, Lawrence</th>
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</thead>
<tbody>
<tr>
<td>Subject Code</td>
<td>PERS Course Number 120</td>
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<tr>
<td>Academic Unit</td>
<td>Department Global &amp; International Studies</td>
</tr>
<tr>
<td>School/College</td>
<td>College of Lib Arts &amp; Sciences</td>
</tr>
</tbody>
</table>

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

**Title**  
Elementary Iranian/Dari/Tajik Persian II

**Transcript Title**  
Elementary Irn/Dr/Tjik Pers Persian II

**Effective Term**  
Spring 2017

**Catalog Description**  
Continuation of PERS 110. Vocabulary acquisition, pronunciation, grammar, and writing. Course includes reading of simple texts. **Main emphasis on Iranian Persian; acquaintance with basic differences between Iranian, Dari and Tajik Persian.** Interested students to be provided with additional opportunities to improve their linguistic skills in the dialect of their interest. Five hours of class per week.

**Prerequisites**  
PERS 110 or departmental permission.

**Cross Listed Courses:**

<table>
<thead>
<tr>
<th>Credits</th>
<th>5</th>
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<tbody>
<tr>
<td>Course Type</td>
<td>Lecture (Regularly scheduled academic course) (LEC)</td>
</tr>
<tr>
<td>Grading Basis</td>
<td>A-D(+/-)FI (G11)</td>
</tr>
</tbody>
</table>

**Are you proposing this course for KU Core?**  
No

**Typically Offered**  
No

**Repeatable for credit?**  
No

**Principal Course Designator**

**Course Designator**

**Are you proposing that the course count towards the CLAS BA degree specific requirements?**  
No

**Will this course be required for a degree, major, minor, certificate, or concentration?**  
No

**Rationale for Course Proposal**  
Previously we unified the multiplicity of course acronyms by replacing them with PERS – this will allow us to account for enrollments under a single rubric. Modifying the titles and descriptions of the courses with the names Iranian/Dari/Tajik allows us to acknowledge...
students’ opportunities to understand and gain ability to operate with Tajik and Dari varieties, not just Iranian Persian (Farsi).
Course Inventory Change Request

Date Submitted: 08/10/17 1:29 pm

Viewing: PERS 210 : Intermediate Iranian/Dari/Tajik Persian I
Formerly known as: FARS 210

Last approved: 12/01/16 4:30 am
Last edit: 08/10/17 1:29 pm
Changes proposed by: smd

Catalog Pages referencing this course:
- College of Liberal Arts & Sciences
- Department of Slavic Languages and Literatures

Other Courses In The Catalog:
- In The Catalog

Academic Career:
- Undergraduate, Lawrence

Subject Code:
PERS
Course Number:
210

Academic Unit:
Department:
Global & International Studies
School/College:
College of Lib Arts & Sciences

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

Effective Term:
- Spring 2017

Title:
Intermediate Iranian/Dari/Tajik Persian I

Transcript Title:
Interm Irn/Dri/Tjik Pers I Intermediate Persian I

Catalog Description:
A continuation of PERS 120. Course emphasizes oral and written work in Persian. Systematic review of grammar and introduction to reading in cultural texts. Main emphasis on Iranian Persian; acquaintance with basic differences between Iranian, Dari and Tajik Persian. Interested students to be provided with additional opportunities to improve their linguistic skills in the dialect of their interest.

Prerequisites:
PERS 120 or departmental permission.

Cross Listed Courses:

Credits:
- 3

Course Type:
Lecture (Regularly scheduled academic course) (LEC)

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

Is this course part of the University Honors Program?
- No

Are you proposing this course for KU Core?
- No

Typically Offered:
- No

Repeatable for credit?
- No

Principal Course Designator:
U - Undesignated elective

Are you proposing that the course count towards the CLAS BA degree specific requirements?
- No

Will this course be required for a degree, major, minor, certificate, or concentration?
- No

Rationale for Course Proposal:
Previously we unified the multiplicity of course acronyms by replacing them with PERS – this will allow us to account for enrollments under a single rubric. Modifying the titles and descriptions of the courses with the names Iranian/Dari/Tajik allows us to acknowledge...
students' opportunities to understand and gain ability to operate with Tajik and Dari varieties, not just Iranian Persian (Farsi).

Course Reviewer
Comments
# Course Inventory Change Request

**Date Submitted:** 08/10/17 1:28 pm

**Viewing:** PERS 220 : Intermediate Iranian/Dari/Tajik Persian II

Formerly known as: FARS 220

Last approved: 11/19/16 4:30 am

Last edit: 08/10/17 1:28 pm

Changes proposed by: smd

| Catalog Pages referencing this course: | College of Liberal Arts & Sciences  
Department of Slavic Languages and Literatures |
<table>
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<tr>
<td>Other Courses:</td>
<td>In The Catalog</td>
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</table>

<table>
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<tr>
<th>Academic Career</th>
<th>Undergraduate, Lawrence</th>
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</thead>
</table>
| Subject Code    | PERS  
Course Number   | 220 |
| Academic Unit   | Department  
Global & International Studies |
| School/College  | College of Lib Arts & Sciences |

**Do you intend to offer any portion of this course online?**

- No

**Title**

- Intermediate Iranian/Dari/Tajik Persian II

**Transcript Title**

- Interm Irn/Dri/Tjik Pers II  
Intermediate Persian II

**Effective Term**

- Spring 2017

**Catalog Description**

A continuation of PERS 210. Course emphasizes oral and written work in Persian. Systematic review of grammar and introduction to reading in cultural texts. **Main emphasis on Iranian Persian; acquaintance with basic differences between Iranian, Dari and Tajik Persian.** Interested students to be provided with additional opportunities to improve their linguistic skills in the dialect of their interest.

**Prerequisites**

- PERS 210 or departmental permission.

**Cross Listed Courses:**

<table>
<thead>
<tr>
<th>Credits</th>
<th>3</th>
</tr>
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<tbody>
<tr>
<td>Course Type</td>
<td>Lecture (Regularly scheduled academic course) (LEC)</td>
</tr>
<tr>
<td>Grading Basis</td>
<td>A-D(+/-)FI (G11)</td>
</tr>
</tbody>
</table>

**Is this course part of the University Honors Program?**

- No

**Are you proposing this course for KU Core?**

- No

**Typically Offered**

- No

**Repeatable for credit?**

- No

**Principal Course Designator**

- U - Undesignated elective

**Are you proposing that the course count towards the CLAS BA degree specific requirements?**

- No

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

- No

**Rationale for Course Proposal**

Previously we unified the multiplicity of course acronyms by replacing them with PERS – this will allow us to account for enrollments under a single rubric. Modifying the titles and descriptions of the courses with the names Iranian/Dari/Tajik allows us to acknowledge...
students' opportunities to understand and gain ability to operate with Tajik and Dari varieties, not just Iranian Persian (Farsi).
Course Inventory Change Request

Date Submitted: 08/10/17 1:28 pm

Viewing: PERS 310 : Advanced Iranian/Dari/Tajik Persian I

Formerly known as: FARS 310

Last approved: 11/19/16 4:30 am
Last edit: 08/10/17 1:28 pm

Changes proposed by: smd

Catalog Pages referencing this course
- College of Liberal Arts & Sciences
- Department of Slavic Languages and Literatures

Other Courses In The Catalog

Academic Career Undergraduate, Lawrence
Subject Code PERS Course Number 310
Academic Unit Department Global & International Studies
School/College College of Lib Arts & Sciences

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

Title Advanced Iranian/Dari/Tajik Persian I
Transcript Title Advncd Im/Dr/Tjik Advanced Persian I
Effective Term Spring 2017

Catalog Description
Enhancement of speaking, comprehension, reading and writing abilities in Persian. Readings from Persian literature introduced. Main emphasis on Iranian Persian; acquaintance with basic differences between Iranian, Dari and Tajik Persian. Interested students to be provided with additional opportunities to improve their linguistic skills in the dialect of their interest.

Prerequisites
PERS 220 or placement exam that establishes a level of proficiency in Persian suited to Advanced Persian I.

Cross Listed Courses:

Credits 3
Course Type Lecture (Regularly scheduled academic course) (LEC)
Grading Basis A-D(+/-)FI (G11)

Is this course part of the University Honors Program? No

Are you proposing this course for KU Core? No

Typically Offered
No

Repeatable for credit? No

Principal Course Designator

Course Designator U - Undesignated elective

Are you proposing that the course count towards the CLAS BA degree specific requirements? No

Will this course be required for a degree, major, minor, certificate, or concentration? No

Rationale for Course Proposal
Previously we unified the multiplicity of course acronyms by replacing them with PERS – this will allow us to account for enrollments under a single rubric. Modifying the titles and descriptions of the courses with the names Iranian/Dari/Tajik allows us to acknowledge...
students' opportunities to understand and gain ability to operate with Tajik and Dari varieties, not just Iranian Persian (Farsi).
### Course Inventory Change Request

**Viewing:** PERS 320: Advanced Iranian/Dari/Tajik Persian II  
Formerly known as: FARS 320

**Catalog Pages referencing this course:**  
College of Liberal Arts & Sciences  
Department of Slavic Languages and Literatures

**Other Courses In The Catalog:**

**Academic Career:** Undergraduate, Lawrence  
**Subject Code:** PERS  
**Course Number:** 320

**Academic Unit:** Department  
Global & International Studies  
**School/College:** College of Lib Arts & Sciences

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

**Title:** Advanced Iranian/Dari/Tajik Persian II  
**Transcript Title:** Advncd Irn/Dr/Tjik Pers II AdvancedPersian II

**Effective Term:** Spring 2017

**Catalog Description:** Enhancement of speaking, comprehension, reading and writing abilities in Persian. Readings from Persian literature introduced. **Main emphasis on Iranian Persian; acquaintance with basic differences between Iranian, Dari and Tajik Persian.** Interested students to be provided with additional opportunities to improve their linguistic skills in the dialect of their interest.

**Prerequisites:** PERS 310 or placement exam that establishes a level of proficiency in Persian suited to Advanced Persian II.

**Cross Listed Courses:**

**Credits:** 3  
**Course Type:** Lecture (Regularly scheduled academic course) (LEC)  
**Grading Basis:** A-D(+/-)FI (G11)

**Is this course part of the University Honors Program?**  
No

**Are you proposing this course for KU Core?**  
No

**Typically Offered**

**Repeatable for credit?**  
No

**Principal Course Designator**

**Course Designator:** U - Undesignated elective

**Are you proposing that the course count towards the CLAS BA degree specific requirements?**  
No

**Will this course be required for a degree, major, minor, certificate, or concentration?**  
No

**Rationale for Course Proposal:** Previously we unified the multiplicity of course acronyms by replacing them with PERS – this will allow us to account for enrollments under a single rubric. Modifying the titles and descriptions of the courses with the names Iranian/Dari/Tajik allows us to acknowledge
students' opportunities to understand and gain ability to operate with Tajik and Dari varieties, not just Iranian Persian (Farsi).
Course Inventory Change Request

Date Submitted: 07/17/17 1:27 pm

Viewing: SPAN 324: Grammar and Composition

Last edit: 07/17/17 1:50 pm

Changes proposed by: rschwien

Catalog Pages referencing this course

Bachelor of Arts in Spanish
College of Liberal Arts & Sciences
Department of Spanish and Portuguese

Programs

C&T-BSE: Secondary Teacher Education, B.S.E.
SPAN-BA: Spanish B.A.

Academic Career
Undergraduate, Lawrence

Subject Code
SPAN

Course Number
324

Academic Unit
Department
Spanish & Portuguese

School/College
College of Lib Arts & Sciences

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

Title
Grammar and Composition

Transcript Title
Grammar and Composition

Effective Term
Fall 2017

Catalog Description
Systematic grammar review and development of essential writing skills for advanced courses in Spanish. Concurrent enrollment in SPAN 328 required. Recommended for students with a grade of B or better in SPAN 216, SPAN 217, or SPAN 220. Concurrent enrollment in Spanish 328 is strongly recommended, and completion of 328 is required for enrollment in SPAN 340 and SPAN 346.

Prerequisites
SPAN 216 or SPAN 217 with a grade of "C" or higher, or SPAN 220, or SPAN 322, or consent of instructor.

Cross Listed Courses:

Credits
3

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

Associated Components (Optional)
Discussion – Mandatory discussion associated with a main component

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

Is this course part of the University Honors Program?
No

Are you proposing this course for KU Core?
No

Typically Offered
No

Repeatable for credit?

Principal Course Designator

Course Designator
U - Undesignated elective

Are you proposing that the course count towards the CLAS BA degree specific requirements?
No

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

Which Program(s)?

Program Code - Name

In Workflow

1. CLAS
   Undergraduate Program and Course Coordinator
2. CUSA
   Subcommittee
3. CUSA Committee
4. CAC
5. CLAS Final Approval
6. Registrar
7. PeopleSoft

Approval Path

1. 07/17/17 1:50 pm
   Rachel Schwien (rschwien):
   Approved for CLAS Undergraduate Program and Course Coordinator
2. 09/05/17 1:59 pm
   Rachel Schwien (rschwien):
   Approved for CUSA Subcommittee
Rationale for Course Proposal
The purpose of this proposal is to strengthen the Spanish major and minor tracks and to provide students with options for completing the requirements for the major and minor in a timely fashion. The proposal also improves the course sequence for the major and minor by eliminating an anti-requisite and by giving students options for completing the course requirements in a logical progression.

Undergraduate Studies changes SPAN.pdf

Course Reviewer Comments
Rachel Schwien (rschwien) (07/17/17 1:48 pm): Submitted on behalf of Isidro Rivera
### Course Inventory Change Request

**Date Submitted:** 07/17/17 1:31 pm

**Viewing:** SPAN 328: Intermediate Spanish Conversation

**Last edit:** 07/17/17 1:31 pm

Changes proposed by: rschwien

<table>
<thead>
<tr>
<th>Catalog Pages referencing this course</th>
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<tbody>
<tr>
<td>Bachelor of Arts in Spanish</td>
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<tr>
<td>College of Liberal Arts &amp; Sciences</td>
</tr>
<tr>
<td>Department of Spanish and Portuguese</td>
</tr>
<tr>
<td>C&amp;T-BSE: Secondary Teacher Education, B.S.E.</td>
</tr>
<tr>
<td>SPAN-BA: Spanish, B.A.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Programs</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN-BA: Spanish, B.A.</td>
</tr>
<tr>
<td>C&amp;T-BSE: Secondary Teacher Education, B.S.E.</td>
</tr>
<tr>
<td>SPAN-RA: Spanish, R.A.</td>
</tr>
</tbody>
</table>

**Academic Career**

Undergraduate, Lawrence

**Subject Code**

SPAN

**Course Number**

328

**Academic Unit**

Department: Spanish & Portuguese

School/College: College of Lib Arts & Sciences

**Do you intend to offer any portion of this course online?**

No

**Title**

Intermediate Spanish Conversation

**Transcript Title**

Intermedt Spanish Conversation

**Effective Term**

Fall 2017

**Catalog Description**

Conversational reinforcement of topics presented in SPAN 323 or 324 with an emphasis on oral communication skills in a cultural context. Concurrent enrollment in SPAN 324 is **strongly recommended**, required. Two class meetings per week. Not available to study abroad participants.

**Prerequisites**

SPAN 216 or SPAN 217 with a grade of C or higher; or SPAN 220; or SPAN 322; or consent of instructor.

**Cross Listed Courses:**

Lecture (Regularly scheduled academic course) (LEC)

**Is this course part of the University Honors Program?**

No

**Are you proposing this course for KU Core?**

No

**Typically Offered**

No

**Repeatable for credit?**

No

**Principal Course Designator**

U - Undesignated elective

**Course Designator**

Required Course

**Are you proposing that the course count towards the CLAS BA degree specific requirements?**

No

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

Yes

**Which Program(s)?**

<table>
<thead>
<tr>
<th>Program Code - Name</th>
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<tbody>
<tr>
<td>(SPAN-BA) Spanish, B.A.</td>
</tr>
<tr>
<td>(SPAN-MIN) Spanish, Minor</td>
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**Date Submitted:** 07/17/17 1:31 pm

**Viewing:** SPAN 328: Intermediate Spanish Conversation

**Last edit:** 07/17/17 1:31 pm

Changes proposed by: rschwien

**Conversational reinforcement of topics presented in SPAN 323 or 324 with an emphasis on oral communication skills in a cultural context. Concurrent enrollment in SPAN 324 is strongly recommended, required. Two class meetings per week. Not available to study abroad participants.**

**SPAN 216 or SPAN 217 with a grade of C or higher; or SPAN 220; or SPAN 322; or consent of instructor.**

**Lecture (Regularly scheduled academic course) (LEC)**

**Is this course part of the University Honors Program?**

No

**Are you proposing this course for KU Core?**

No

**Typically Offered**

No

**Repeatable for credit?**

No

**Principal Course Designator**

U - Undesignated elective

**Course Designator**

Required Course
| Rationale for Course Proposal | The purpose of this proposal is to strengthen the Spanish major and minor tracks and to provide students with options for completing the requirements for the major and minor in a timely fashion. The proposal also improves the course sequence for the major and minor by eliminating an anti-requisite and by giving students options for completing the course requirements in a logical progression. |
| Supporting Documents | UNDERGRADUATE STUDIES_changesSPAN.pdf |
| Course Reviewer Comments | Rachel Schwien (rschwien) (07/17/17 1:49 pm): Submitted on behalf of Isidro Rivera |
### Course Inventory Change Request

**Date Submitted:** 07/17/17 1:34 pm

**Viewing:** SPAN 340: Textual Analysis and Critical Reading

**Last edit:** 07/17/17 1:34 pm

Changes proposed by: rschwien

#### Catalog Pages referencing this course
- Bachelor of Arts in Spanish
- College of Liberal Arts & Sciences
- Department of Spanish and Portuguese

**Programs:**
- C&T-BSE: Secondary Teacher Education, B.S.E.
- LAA-BA/BGS: Latin American Area and Caribbean Studies

#### Academic Career
- Undergraduate, Lawrence

#### Subject Code
- SPAN

#### Course Number
- 340

#### Academic Unit
- Department: Spanish & Portuguese
- School/College: College of Lib Arts & Sciences

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

#### Title
- Textual Analysis and Critical Reading

#### Transcript Title
- Text Analysis & Critical Reading

#### Effective Term
- Fall 2017

#### Catalog Description
Critical readings and interpretation of Hispanic literatures, with emphasis on acquiring the skills and vocabulary necessary for discussing and writing literary analyses.

#### Prerequisites
SPAN 323, or SPAN 324 and SPAN 328, SPAN 328 with a grade of B- or higher, or consent of instructor.

#### Cross Listed Courses:
- Lecture (Regularly scheduled academic course) (LEC)
- Discussion – Mandatory discussion associated with a main component

#### Credits
3

#### Course Type
- A-D(+/-)FI (G11)

#### Is this course part of the University Honors Program?
- No

#### Are you proposing this course for KU Core?
- Yes

#### Typically Offered
- As necessary

#### Repeatable for credit?
- No

#### Principal Course Designator
- HL - Literature & the Arts

#### Course Designator
- H - Humanities
- W - World Culture

#### Are you proposing that the course count towards the CLAS BA degree specific requirements?
- No

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

#### Which Program(s)?

<table>
<thead>
<tr>
<th>Program Code</th>
<th>Name</th>
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<tbody>
<tr>
<td>(SPAN-BA)</td>
<td>Spanish, B.A.</td>
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</tbody>
</table>
The purpose of this proposal is to strengthen the Spanish major and minor tracks and to provide students with options for completing the requirements for the major and minor in a timely fashion. The proposal also improves the course sequence for the major and minor by eliminating an anti-requisite and by giving students options for completing the course requirements in a logical progression.

**KU Core Information**

Has the department approved the nomination of this course to KU Core?

Yes

Name of person giving departmental approval

Selected Goal(s)

Do all instructors of this course agree to include content that enables students to meet KU Core learning outcome(s)?

Do all instructors of this course agree to develop and save direct evidence that students have met the learning outcomes(s)?

Provide an abstract (1000 characters maximum) that summarizes how this course meets the learning outcome.

Already Approved

Selected Learning Outcome(s):

**Goal 3 - Humanities**

State how your course or educational experience will use assignments, readings, projects, or lectures to move students from their current knowledge to a deeper understanding of specific concepts fundamental to the area(s) in question. (Please limit responses to 1000 characters.)

Already Approved

State what course assignments, readings, class discussions, and lectures will synthesize the development over time of the principles, theories, and analytical methods of the discipline(s). (Please limit responses to 1000 characters.)

Already Approved

State what learning activities will integrate the analysis of contemporary issues with principles, theories, and analytical methods appropriate to the area in question. (Please limit responses to 1000 characters.)

Already Approved

State what course assignments, projects, quizzes, examinations, etc. will be used to evaluate whether students have a functional understanding of the development of these concepts, and can demonstrate their capability to analyze contemporary issues using the principles, theories, and analytical methods in the academic area. (Please limit responses to 1000 characters.)

Already Approved

Course Reviewer Comments

Rachel Schwien (rschwien) (07/17/17 1:49 pm): Submitted on behalf of Isidro Rivera
Course Inventory Change Request

Date Submitted: 07/17/17 1:37 pm

Viewing: SPAN 346 : Transatlantic Hispanic Cultures
Last edit: 07/17/17 1:37 pm
Changes proposed by: rschwien

Catalog Pages referencing this course
Bachelor of Arts in Spanish

Programs
LAA-BA/BGS: Latin American Area and Caribbean Studies, R A /B G S

Academic Career
Undergraduate, Lawrence

Subject Code
SPAN
Course Number
346

Academic Unit
Department
Spanish & Portuguese

School/College
College of Lib Arts & Sciences

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

Title
Transatlantic Hispanic Cultures

Transcript Title
Transatlantic Hispanic Cultures

Effective Term
Fall 2017

Catalog Description
This course offers an introductory overview of Hispanic cultures, focusing on the political, economic, social, linguistic, and artistic development that shaped the historical and cultural bonds between Latin America and Spain. Enhances the cultural competence acquired in previous Spanish classes and prepares students for upper-level work in the major. Taught in Spanish.

Prerequisites
Not open to students who have already taken SPAN 323, 370, SPAN 371, SPAN 446, SPAN 447, SPAN 470, or 324, and 328, SPAN 471. A grade of B- or higher in SPAN 323 or SPAN 324 is strongly recommended for students enrolling in this course. Concurrent enrollment in SPAN 340 is strongly recommended. Not open to students who have already taken SPAN 370, SPAN 371, SPAN 446, SPAN 447, SPAN 470, or SPAN 471.

Cross Listed
Courses:

Credits
3

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

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

Is this course part of the University Honors Program?
No

Are you proposing this course for KU Core?
No

Typically Offered
No

Repeatable for credit?
No

Principal Course Designator
H - Humanities

Are you proposing that the course count towards the CLAS BA degree specific requirements?
No

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

Which Program(s)?

Program Code - Name
**Rationale for Course Proposal**

The purpose of this proposal is to strengthen the Spanish major and minor tracks and to provide students with options for completing the requirements for the major and minor in a timely fashion. The proposal also improves the course sequence for the major and minor by eliminating an anti-requisite and by giving students options for completing the course requirements in a logical progression.

**Course Viewer Comments**

Rachel Schwien (rschwien) (07/17/17 1:49 pm): Submitted on behalf of Isidro Rivera
Course Inventory Change Request

Date Submitted: 07/17/17 1:42 pm

Viewing: SPAN 448 : Spanish Language and Culture for Business

Last edit: 07/17/17 1:42 pm

Changes proposed by: rschwien

Programs referencing this course:
- GIST-COM: European Studies, Co-Major
- LAA-BA/BGS: Latin American Area and Caribbean Studies, B.A./B.G.S.
- SPAN-BA: Spanish, B.A.

Academic Career:
Undergraduate, Lawrence

Subject Code:
SPAN

Course Number:
448

Academic Unit:
Department: Spanish & Portuguese
School/College: College of Lib Arts & Sciences

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

Title:
Spanish Language and Culture for Business

Transcript Title:
Span Lang&Culture for Business

Effective Term:
Fall 2017

Catalog Description:
Cultural studies approach to contemporary Spanish American societies for students with an interest in business. Explores how individuals from Spanish American countries negotiate their place in a new cultural context, and how different groups in Spanish America perceive business (negocios). Readings include selections from literature, history, journalism, social analysis, and popular culture. Exercises help non-native speakers develop analytical skills as well as vocabulary and communication skills related to international business and professional life. Conducted in Spanish.

Prerequisites:
SPAN 323 or SPAN 324, and SPAN 328, or consent of instructor. A grade of B- or higher in SPAN 323 or 324 is strongly recommended for students enrolling in this course.

Cross Listed Courses:

Credits:
3

Course Type:
Lecture (Regularly scheduled academic course) (LEC)

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

Is this course part of the University Honors Program?
No

Are you proposing this course for KU Core?
No

Typically Offered:
No

Repeatable for credit?
No

Principal Course Designator:
H - Humanities

Are you proposing that the course count towards the CLAS BA degree specific requirements?
No

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

Which Program(s)?

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<thead>
<tr>
<th>Program Code - Name</th>
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</thead>
<tbody>
<tr>
<td>(SPAN-BA) Spanish, B.A.</td>
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Date Submitted: 07/17/17 1:42 pm

Viewing: SPAN 448 : Spanish Language and Culture for Business

Last edit: 07/17/17 1:42 pm

Changes proposed by: rschwien

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

Title:
Spanish Language and Culture for Business

Transcript Title:
Span Lang&Culture for Business

Effective Term:
Fall 2017

Catalog Description:
Cultural studies approach to contemporary Spanish American societies for students with an interest in business. Explores how individuals from Spanish American countries negotiate their place in a new cultural context, and how different groups in Spanish America perceive business (negocios). Readings include selections from literature, history, journalism, social analysis, and popular culture. Exercises help non-native speakers develop analytical skills as well as vocabulary and communication skills related to international business and professional life. Conducted in Spanish.

Prerequisites:
SPAN 323 or SPAN 324, and SPAN 328, or consent of instructor. A grade of B- or higher in SPAN 323 or 324 is strongly recommended for students enrolling in this course.

Cross Listed Courses:

Credits:
3

Course Type:
Lecture (Regularly scheduled academic course) (LEC)

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

Is this course part of the University Honors Program?
No

Are you proposing this course for KU Core?
No

Typically Offered:
No

Repeatable for credit?
No

Principal Course Designator:
H - Humanities

Are you proposing that the course count towards the CLAS BA degree specific requirements?
No

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

Which Program(s)?

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<tr>
<th>Program Code - Name</th>
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<tr>
<td>(SPAN-BA) Spanish, B.A.</td>
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</table>
Rationale for Course Proposal

The purpose of this proposal is to strengthen the Spanish major and minor tracks and to provide students with options for completing the requirements for the major and minor in a timely fashion. The proposal also improves the course sequence for the major and minor by eliminating an anti-requisite and by giving students options for completing the course requirements in a logical progression.

Supporting Documents
UNDERGRADUATE STUDIES_changesSPAN.pdf

Course Reviewer Comments
Rachel Schwien (rschwien) (07/17/17 1:49 pm): Submitted on behalf of Isidro Rivera
Course Inventory Change Request

Course Deactivation Proposal

Date Submitted: 05/01/17 11:09 am

Viewing: ATMO 310: Aviation Meteorology

Last edit: 05/01/17 11:09 am

Changes proposed by: koerner

Academic Career: Undergraduate, Lawrence
Subject Code: ATMO
Course Number: 310
Academic Unit: Geography
School/College: College of Lib Arts & Sciences
Title: Aviation Meteorology
Transcript Title: Aviation Meteorology
Last Term Offered: Summer 2017

Catalog Description:
This course introduces students to meteorological events that affect aircraft operations. Aviation applications of meteorological observations including satellite and radar observations are discussed. Students learn about graphical displays of meteorological information. Numerical forecasting models and how their output is applied for aviation is also considered. Forecasting of weather events of particular interest to aviation such as ceiling, visibility, icing and turbulence is emphasized.

Prerequisites:
ATMO 105 or AE 245 or equivalent.

Cross Listed Courses:

Credits: 3
Course Type: Lecture (Regularly scheduled academic course) (LEC)
Grading Basis: A-D(+/-)FI (G11)

Is this course part of the University Honors Program? No

Are you proposing this course for KU Core? No

Typically Offered: Typically Every Semester
Repeatability for credit? No

Principal Course Designator
Course Designator: N - Natural Sciences

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal

Justification for this request: Course has not been offered since fall 2011.

Course Reviewer Comments

Key: 2014
Course Inventory Change Request

Course Deactivation Proposal

Date Submitted: 05/01/17 11:10 am

Viewing: ATMO 506: Forecasting Models and Methods

Last edit: 05/01/17 11:10 am

Changes proposed by: koerner

Academic Career: Undergraduate, Lawrence
Subject Code: ATMO
Academic Unit: Geography
School/College: College of Lib Arts & Sciences
Title: Forecasting Models and Methods
Transcript Title: Forecasting Models and Methods
Last Term Offered: Summer 2017

Catalog Description:
Introduction to basic numerical weather prediction methods. Computer programs are used to apply numerical methods to weather data and to evaluate dynamical processes on numerical grids. Meteorological graphics packages are used to analyze current weather data and numerical model output. Current operational numerical models and output products are discussed.

Prerequisites: ATMO 505, MATH 126, and EECS 138 or EECS 168.

Cross Listed Courses:

Credits: 3
Course Type: Lecture (Regularly scheduled academic course) (LEC)
Grading Basis: A-D(+)F (G11)

Is this course part of the University Honors Program?: No

Are you proposing this course for KU Core?: No

Typically Offered: Not Typically Offered
Repeatability for credit?: No

Principal Course Designator: N - Natural Sciences

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal

Justification for this request: Course has not been offered since spring 2010.

Course Reviewer Comments

Key: 2017
Course Inventory Change Request

Date Submitted: 08/07/17 10:08 am
Last edit: 08/07/17 10:08 am
Changes proposed by: koerner

**Viewing: ATMO 640 : Dynamic Meteorology**

**Catalog Pages referencing this course**
- BS in Atmospheric Science with concentration in Air Pollution Meteorology
- BS in Atmospheric Science with concentration in General Meteorology
- BS in Atmospheric Science with concentration in

**Academic Career** Undergraduate, Lawrence
**Subject Code** ATMO
**Course Number** 640
**Academic Unit** Department Geography
School/College College of Lib Arts & Sciences

**Do you intend to offer any portion of this course online?** No
**Title** Dynamic Meteorology
**Transcript Title** Dynamic Meteorology
**Effective Term** Fall 2017

**Catalog Description**
This course introduces the student to the fundamentals of fluid dynamics necessary for understanding large scale atmospheric motions. Fundamental physical laws of conservation of mass, momentum and energy are examined and applied to atmospheric flows. Rotation in the atmosphere is examined quantitatively in terms of both circulation and vorticity.

**Prerequisites**
- MATH 127
- MATH 223
- PHSX 214 or PHSX 212 and PHSX 236.

**Cross Listed Courses:**

| Credits | 3 |
| Course Type | Lecture (Regularly scheduled academic course) (LEC) |
| Grading Basis | A-D (+/-)FI (G11) |
| Is this course part of the University Honors Program? | No |
| Are you proposing this course for KU Core? | No |
| Typically Offered | Once a Year, Usually Fall |
| Repeatable for credit? | No |

**Principal Course Designator**

| Course Designator | N - Natural Sciences |

**Are you proposing that the course count towards the CLAS BA degree specific requirements?** No

**Rationale for Course Proposal**
We are changing the MATH 223 prerequisite to MATH 127 due to the Math Department changing the calculus sequences.

**Course Reviewer Comments**
Course Inventory Change Request

Course Deactivation Proposal

Date Submitted: 07/31/17 10:50 am

Viewing: CHEM 620: Analytical Chemistry

Last approved: 02/17/16 4:31 am
Last edit: 07/31/17 10:50 am
Changes proposed by: rschwien

Catalog Pages referencing this course:
- BA in Chemistry
- BA in Chemistry with concentration in Biological Chemistry
- BS in Chemistry
- BS in Chemistry with concentration in Biological Chemistry
- BS in Chemistry with concentration in Chemical Physics

Academic Career: Undergraduate, Lawrence
Subject Code: CHEM
Course Number: 620
Academic Unit: Department of Chemistry
School/College: College of Lib Arts & Sciences
Title: Analytical Chemistry
Transcript Title: Analytical Chemistry
Last Term Offered: Fall 2017 2016

Catalog Description:
Principles of analytical chemistry with emphasis on the fundamental methods used for chemical analysis. Topics include experimental error, statistical analysis, method development, sampling, calibration methods, spectrophotometry, chromatography, mass spectrometry, and electrochemistry.

Prerequisites:
One semester of organic chemistry and one semester of organic chemistry laboratory, or permission of instructor.
Corequisite: CHEM 621.

Cross Listed Courses:

Credits: 3
Course Type: Lecture (Regularly scheduled academic course) (LEC)
Associated Components (Optional):
- Discussion optional – Voluntary discussion associated with a main component
Grading Basis: A-D(+-)FI (G11)
Is this course part of the University Honors Program? No
Are you proposing this course for KU Core? No
Typically Offered: Only Fall Semester
Repeatable for credit? No

Principal Course Designator:
Course Designator: N - Natural Sciences

Rationale for Course Proposal:

Are you proposing that the course count towards the CLAS BA degree specific requirements? No

Will this course be required for a degree, major, minor, certificate, or concentration? No
Justification for this request

Course being renumbered from CHEM 620 to CHEM 400

Course Reviewer Comments

Rachel Schwien (rschwien) (08/18/17 10:21 am): Holding for submission of additional changes due to CHEM number change
Course Inventory Change Request

Course Deactivation Proposal

Date Submitted: 07/31/17 10:57 am

Viewing: CHEM 621 : Analytical Chemistry Laboratory

Last approved: 02/24/16 4:31 am
Last edit: 07/31/17 10:57 am

Changes proposed by: rschwien

Catalog Pages referencing this course

BA in Chemistry
BA in Chemistry with concentration in Biological Chemistry
BS in Chemistry
BS in Chemistry with concentration in Biological Chemistry
BS in Chemistry with concentration in Chemical Physics

Academic Career
Undergraduate, Lawrence

Subject Code
CHEM

Course Number
621

Academic Unit
Department Chemistry
School/College College of Lib Arts & Sciences

Title
Analytical Chemistry Laboratory

Transcript Title
Analytical Chemistry Lab

Last Term Offered
Fall 2017 2016

Catalog Description
Experiments illustrate fundamental principles of chemical analysis methods. The course serves as an introduction to advanced instrumental methods of analysis.

Prerequisites
One semester of organic chemistry and one semester of organic chemistry lab, or permission of instructor.

Corequisite: CHEM 620.

Cross Listed Courses:

Credits
2

Course Type
Laboratory Main (Laboratory that is a main component) (LAB)

Associated Components (Optional)
Discussion optional – Voluntary discussion associated with a main component

Associated Components (Optional)
Laboratory - Associated with a main component

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

Is this course part of the University Honors Program?
No

Are you proposing this course for KU Core?
No

Typically Offered
Only Fall Semester

Repeatable for credit?
No

Principal Course Designator
U - Undesignated elective

Are you proposing that the course count towards the CLAS BA degree specific requirements?
No

Will this course be required for a degree, major, minor, certificate, or concentration?
No
Rationale for Course Proposal

Justification for this request: course being renumbered from CHEM 621 to CHEM 401

Course Reviewer Comments: Rachel Schwien (rschwien) (08/18/17 10:21 am): Holding for submission of additional changes due to CHEM number change
Course Inventory Change Request

Course Deactivation Proposal

Date Submitted: 07/28/17 9:58 am

Viewing: DANE 101: Danish Reading Course II

Last edit: 07/28/17 9:58 am

Changes proposed by: vanchena

Programs referencing this course
LING-PhD: Linguistics, Ph.D.

Academic Career
Undergraduate, Lawrence

Subject Code
DANE

Course Number
101

Academic Unit
Department: Germanic Languages & Literatures
School/College: College of Lib Arts & Sciences

Title
Danish Reading Course II

Transcript Title
Danish Reading Course II

Last Term Offered
Summer 2017

Catalog Description
Continuation of DANE 100 and introduction to reading Norwegian and Swedish. Not open to native speakers of Danish.

Prerequisites
DANE 100 or equivalent.

Cross Listed Courses:

Credits
3

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

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

Is this course part of the University Honors Program?
No

Are you proposing this course for KU Core?
No

Typically Offered
Once a Year, Usually Spring

Repeatable for credit?
No

Principal Course Designator
U - Undesignated elective

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal

Justification for this request
We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

Course Reviewer Comments
Course Inventory Change Request

Course Deactivation Proposal

Date Submitted: 07/28/17 9:58 am

Viewing: DANE 104 : Elementary Danish I
Last edit: 07/28/17 9:58 am
Changes proposed by: vanchena

Catalog Pages referencing this course:
- College of Liberal Arts & Sciences
- Department of Germanic Languages and Literatures

Other Courses In The Catalog

Academic Career:
Undergraduate, Lawrence

Subject Code:
DANE

Course Number:
104

Academic Unit:
Department of Germanic Languages & Literatures

School/College:
College of Lib Arts & Sciences

Title:
Elementary Danish I

Transcript Title:
Elementary Danish I

Last Term Offered:
Summer 2017

Catalog Description:
Essentials of grammar, practice in speaking, reading, and writing Danish. Five hours of recitation per week. Not open to native speakers of Danish.

Prerequisites:
None

Cross Listed Courses:

Credits:
5

Course Type:
Lecture (Regularly scheduled academic course) (LEC)

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

Is this course part of the University Honors Program?
No

Are you proposing this course for KU Core?
No

Typically Offered:
Not Typically Offered

Repeatable for credit?
No

Principal Course Designator:

Course Designator:
U - Undesignated elective

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal

Justification for this request
We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

Course Reviewer Comments
Course Inventory Change Request

Course Deactivation Proposal

Date Submitted: 07/28/17 9:59 am

Viewing: DANE 105: Elementary Danish I, Honors

Last edit: 07/28/17 9:59 am

Changes proposed by: vanchena

Catalog Pages referencing this course:
- College of Liberal Arts & Sciences
- Department of Germanic Languages and Literatures

Other Courses In The Catalog: In The Catalog

Academic Career:
- Undergraduate, Lawrence

Subject Code: DANE
Course Number: 105

Academic Unit:
- Department: Germanic Languages & Literatures
- School/College: College of Lib Arts & Sciences

Title:
- Elementary Danish I, Honors

Transcript Title:
- Elementary Danish I, Honors

Last Term Offered:
- Summer 2017

Catalog Description:
Course content similar to DANE 104, with additional work to expand the student's cultural context and understanding. Not open to native speakers of Danish or students who have completed DANE 104.

Prerequisites:
Open only to students admitted to the University Honors Program or by permission of instructor.

Cross Listed Courses:

Credits: 5

Course Type:
Lecture (Regularly scheduled academic course) (LEC)

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

Is this course part of the University Honors Program?: Yes

Are you proposing this course for KU Core?: No

Typically Offered: Not Typically Offered

Repeatable for credit?: No

Principal Course Designator:

Course Designator:

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal:

Justification for this request:
We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

Course Reviewer Comments:

Key: 3320

A deleted record cannot be edited

Course Deactivation Proposal

Date Submitted: 07/28/17 9:59 am

Viewing: DANE 105: Elementary Danish I, Honors

Last edit: 07/28/17 9:59 am

Changes proposed by: vanchena

Catalog Pages referencing this course:
- College of Liberal Arts & Sciences
- Department of Germanic Languages and Literatures

Other Courses In The Catalog: In The Catalog

Academic Career:
- Undergraduate, Lawrence

Subject Code: DANE
Course Number: 105

Academic Unit:
- Department: Germanic Languages & Literatures
- School/College: College of Lib Arts & Sciences

Title:
- Elementary Danish I, Honors

Transcript Title:
- Elementary Danish I, Honors

Last Term Offered:
- Summer 2017

Catalog Description:
Course content similar to DANE 104, with additional work to expand the student's cultural context and understanding. Not open to native speakers of Danish or students who have completed DANE 104.

Prerequisites:
Open only to students admitted to the University Honors Program or by permission of instructor.

Cross Listed Courses:

Credits: 5

Course Type:
Lecture (Regularly scheduled academic course) (LEC)

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

Is this course part of the University Honors Program?: Yes

Are you proposing this course for KU Core?: No

Typically Offered: Not Typically Offered

Repeatable for credit?: No

Principal Course Designator:

Course Designator:

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal:

Justification for this request:
We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

Course Reviewer Comments:

Key: 3320
### Course Inventory Change Request

A deleted record cannot be edited

**Course Deactivation Proposal**

Date Submitted: 07/28/17 10:00 am

**Viewing:** DANE 108: Elementary Danish II

Last edit: 07/28/17 10:00 am

Changes proposed by: vanchena

<table>
<thead>
<tr>
<th>Catalog Pages referencing this course</th>
<th>Department of Germanic Languages and Literatures</th>
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</thead>
<tbody>
<tr>
<td>Other Courses</td>
<td>In The Catalog</td>
</tr>
</tbody>
</table>

#### Academic Career
- Undergraduate, Lawrence

#### Subject Code
- DANE

#### Academic Unit
- Department: Germanic Languages & Literatures
- School/College: College of Lib Arts & Sciences

#### Title
- Elementary Danish II

#### Transcript Title
- Elementary Danish II

#### Last Term Offered
- Summer 2017

#### Catalog Description
Continuation of grammar; practice in conversation, composition, and reading. Five hours of recitation per week.
Not open to native speakers of Danish.

#### Prerequisites
- DANE 104 or permission of instructor.

#### Cross Listed Courses:

#### Credits
- 5

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

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

#### Is this course part of the University Honors Program?
- No

#### Are you proposing this course for KU Core?
- No

#### Typically Offered
- Not Typically Offered

#### Repeatable for credit?
- No

#### Principal Course Designator
- U - Undesignated elective

#### Are you proposing that the course count towards the CLAS BA degree specific requirements?

### Approval Path

1. 07/31/17 10:31 am
   - Rachel Schwien (rschwien):
     - Approved for CLAS Undergraduate Program and Course Coordinator
2. 09/05/17 1:51 pm
   - Rachel Schwien (rschwien):
     - Approved for CUSA Subcommittee

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

#### Which Program(s)?

Rationale for Course Proposal

Justification for this request: We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

Course Reviewer Comments
Course Inventory Change Request

A deleted record cannot be edited

Course Deactivation Proposal

Date Submitted: 07/28/17 10:00 am

Viewing: DANE 109: Elementary Danish II, Honors

Last edit: 07/28/17 10:00 am

Changes proposed by: vanchena

Catalog Pages referring to this course
- College of Liberal Arts & Sciences
- Department of Germanic Languages and Literatures

Other Courses In The Catalog

Academic Career
- Undergraduate, Lawrence

Subject Code: DANE
Course Number: 109

Academic Unit
- Department: Germanic Languages & Literatures
- School/College: College of Lib Arts & Sciences

Title
- Elementary Danish II, Honors

Transcript Title
- Elementary Danish II, Honors

Last Term Offered
- Summer 2017

Catalog Description
Course content similar to DANE 108, with additional cultural study. Not open to native speakers of Danish or students who have completed DANE 108.

Prerequisites
Open to students who received a grade of A in DANE 104 or an A or B in DANE 105.

Cross Listed Courses:

Credits
- 5

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

Grading Basis
- A-D(+/-)F (G11)

Is this course part of the University Honors Program?
- Yes

Are you proposing this course for KU Core?
- No

Typically Offered
- Not Typically Offered

Repeatable for credit?
- No

Principal Course Designator
- H - Humanities

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal

Justification for this request
We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

Course Reviewer Comments

Key: 3322

In Workflow
1. CLAS
   - Undergraduate Program and Course Coordinator
2. CUSA
   - Subcommittee
3. CUSA Committee
4. CAC
5. CLAS Final Approval
6. Registrar
7. PeopleSoft

Approval Path
1. 07/31/17 10:31 am
   - Rachel Schwein (rschwien): Approved for CLAS Undergraduate Program and Course Coordinator
2. 09/05/17 1:51 pm
   - Rachel Schwein (rschwien): Approved for CUSA Subcommittee
### Course Inventory Change Request

**Course Deactivation Proposal**

**Date Submitted:** 07/28/17 10:01 am

**Viewing:** **DANE 177 : First Year Seminar: _____**

**Last edit:** 07/28/17 10:01 am

Changes proposed by: vanchena

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<th>Academic Career</th>
<th>Undergraduate, Lawrence</th>
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</thead>
<tbody>
<tr>
<td>Subject Code</td>
<td>DANE</td>
</tr>
<tr>
<td>Academic Unit</td>
<td>Department: Germanic Languages &amp; Literatures</td>
</tr>
<tr>
<td>School/College</td>
<td>College of Lib Arts &amp; Sciences</td>
</tr>
<tr>
<td>Title</td>
<td>First Year Seminar: _____</td>
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<tr>
<td>Transcript Title</td>
<td>First Year Seminar:</td>
</tr>
<tr>
<td>Last Term Offered</td>
<td>Summer 2017</td>
</tr>
</tbody>
</table>

**Catalog Description**

A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Danish. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience.

**Prerequisites**

First-time freshman status.

**Cross Listed Courses:**

<table>
<thead>
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<th>Credits</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Type</td>
<td>Lecture (Regularly scheduled academic course) (LEC)</td>
</tr>
<tr>
<td>Grading Basis</td>
<td>A-D(+-)/F</td>
</tr>
<tr>
<td>Is this course part of the University Honors Program?</td>
<td>No</td>
</tr>
<tr>
<td>Are you proposing this course for KU Core?</td>
<td>Yes</td>
</tr>
<tr>
<td>Typically Offered</td>
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</tr>
<tr>
<td>Repeatable for credit?</td>
<td>No</td>
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</tbody>
</table>

**Principal Course Designator**

| Course Designator | U - Undesignated elective |

**KU Core Information**

Has the department approved the nomination of this course to KU Core?

Yes

- **Name of person giving departmental approval**: [Field not specified]
- **Date of Departmental Approval**: [Field not specified]

**Selected Goal(s)**

Do all instructors of this course agree to include content that enables students to meet [Field not specified]
KU Core learning outcome(s)?

Do all instructors of this course agree to develop and save direct evidence that students have met the learning outcomes(s)?

Provide an abstract (1000 characters maximum) that summarizes how this course meets the learning outcome.

Selected Learning Outcome(s):

**Goal 1, Learning Outcome 1**
State what assignments, readings, class discussion, and/or lecture topics instruct students how to analyze and evaluate assumptions, claims, evidence, arguments, and forms of expression; select and apply appropriate interpretive tools. (Please limit responses to 1000 characters).

List and discuss the assignments, projects and/or tests that will require students to form judgments about the assumptions or claims presented, analyze and synthesize information, and make evidence-based arguments to support conclusions. (Please limit responses to 1000 characters.) *

Indicate the weight of the evidence (e.g., exams, projects, assignments) that will be used to document student performance in these tasks and how this evidence will determine a supermajority (greater than or equal to 60%) of the final grade. *

---

**Justification for this request**
We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

**Course Reviewer Comments**
Course Inventory Change Request

Course Deactivation Proposal

Date Submitted: 07/28/17 10:01 am

Viewing: DANE 212 : Intermediate Danish I

Last edit: 07/28/17 10:01 am

Changes proposed by: vanchena

Catalog Pages referencing this course
- College of Liberal Arts & Sciences
- Department of Germanic Languages and Literatures

Other Courses In The Catalog
- In The Catalog

Academic Career
- Undergraduate, Lawrence

Subject Code
- DANE

Course Number
- 212

Academic Unit
- Department: Germanic Languages & Literatures
- School/College: College of Lib Arts & Sciences

Title
- Intermediate Danish I

Transcript Title
- Intermediate Danish I

Last Term Offered
- Summer 2017

Catalog Description
- A continuation of DANE 108. Structured grammar review, composition, conversation with readings of literary and cultural texts. Not open to native speakers of Danish.

Prerequisites
- DANE 108 or permission of instructor.

Cross Listed Courses:

Credits
- 3

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

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

Is this course part of the University Honors Program?
- No

Are you proposing this course for KU Core?
- No

Typically Offered
- Not Typically Offered

Repeatable for credit?
- No

Principal Course Designator

Course Designator
- U - Undesignated elective

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal

Justification for this request
- We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

Course Reviewer Comments
## Course Inventory Change Request

### Course Deactivation Proposal

**Date Submitted:** 07/28/17 10:02 am  

**Viewing:** DANE 213: Intermediate Danish I, Honors  

**Last edit:** 07/28/17 10:02 am  

Changes proposed by: vanchena

| Catalog Pages referencing this course          | College of Liberal Arts & Sciences  
|                                             | Department of Germanic Languages and Literatures |
| Other Courses                                | In The Catalog |

**Academic Career**  
Undergraduate, Lawrence

**Subject Code**  
DANE  
**Course Number**  
213

**Academic Unit**  
Department  
Germanic Languages & Literatures  
**School/College**  
College of Lib Arts & Sciences

**Title**  
Intermediate Danish I, Honors

**Transcript Title**  
Intermediate Danish I, Honors

**Last Term Offered**  
Summer 2017

### Catalog Description

Course content similar to DANE 212, with additional cultural study. Not open to native speakers of Danish or students who have completed DANE 212.

### Prerequisites

Completion of DANE 108 with a grade of A, or DANE 109 with a grade of A or B.

### Cross Listed Courses:

- Credits: 3
- Course Type: Lecture (Regularly scheduled academic course) (LEC)
- Grading Basis: A-D(+/-)FI (G11)
- Is this course part of the University Honors Program?: Yes
- Are you proposing this course for KU Core?: No
- Typically Offered: Not Typically Offered
- Repeatable for credit?: No

**Principal Course Designator**  
H - Humanities

**Course Designator**

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

### Rationale for Course Proposal

We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

### Comments

Key: 3325

A deleted record cannot be edited

Course Deactivation Proposal

Date Submitted: 07/28/17 10:02 am

**Viewing:** DANE 213: Intermediate Danish I, Honors

**Last edit:** 07/28/17 10:02 am

Changes proposed by: vanchena

| Catalog Pages referencing this course          | College of Liberal Arts & Sciences  
|                                             | Department of Germanic Languages and Literatures |
| Other Courses                                | In The Catalog |

**Academic Career**  
Undergraduate, Lawrence

**Subject Code**  
DANE  
**Course Number**  
213

**Academic Unit**  
Department  
Germanic Languages & Literatures  
**School/College**  
College of Lib Arts & Sciences

**Title**  
Intermediate Danish I, Honors

**Transcript Title**  
Intermediate Danish I, Honors

**Last Term Offered**  
Summer 2017

### Catalog Description

Course content similar to DANE 212, with additional cultural study. Not open to native speakers of Danish or students who have completed DANE 212.

### Prerequisites

Completion of DANE 108 with a grade of A, or DANE 109 with a grade of A or B.

### Cross Listed Courses:

- Credits: 3
- Course Type: Lecture (Regularly scheduled academic course) (LEC)
- Grading Basis: A-D(+/-)FI (G11)
- Is this course part of the University Honors Program?: Yes
- Are you proposing this course for KU Core?: No
- Typically Offered: Not Typically Offered
- Repeatable for credit?: No

**Principal Course Designator**  
H - Humanities

**Course Designator**

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

### Rationale for Course Proposal

We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

### Comments

Key: 3325

A deleted record cannot be edited
### Course Inventory Change Request

**A deleted record cannot be edited**

### Course Deactivation Proposal

**Date Submitted:** 07/28/17 10:02 am

**Viewing:** **DANE 216 : Intermediate Danish II**

**Last edit:** 07/28/17 10:02 am

Changes proposed by: vanchena

#### Catalog Pages referencing this course
- College of Liberal Arts & Sciences
- Department of Germanic Languages and Literatures

#### Other Courses
- In The Catalog Description:

#### Academic Career
- Undergraduate, Lawrence

#### Subject Code
- DANE

#### Course Number
- 216

#### Academic Unit
- Department: Germanic Languages & Literatures
- School/College: College of Lib Arts & Sciences

#### Title
- Intermediate Danish II

#### Transcript Title
- Intermediate Danish II

#### Last Term Offered
- Summer 2017

#### Catalog Description
- A continuation of DANE 212. Structured grammar review, composition, conversation with readings of literary and cultural texts. Not open to native speakers of Danish.

#### Prerequisites
- DANE 212 or permission of instructor.

#### Cross Listed Courses:

<table>
<thead>
<tr>
<th>Credits</th>
<th>Course Type</th>
<th>Grading Basis</th>
<th>Is this course part of the University Honors Program?</th>
<th>Are you proposing this course for KU Core?</th>
<th>Typically Offered</th>
<th>Repeatable for credit?</th>
<th>Principal Course Designator</th>
<th>Course Designator</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Lecture</td>
<td>A-D(+/-)F1 (G11)</td>
<td>No</td>
<td>No</td>
<td>Not Typically Offered</td>
<td>No</td>
<td>U - Undesignated elective</td>
<td></td>
</tr>
</tbody>
</table>

#### Rationale for Course Proposal

**Justification for this request**
- We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

#### Course Reviewer Comments
Course Inventory Change Request

A deleted record cannot be edited

Date Submitted: 07/28/17 10:03 am

Viewing: DANE 217: Intermediate Danish II, Honors

Last edit: 07/28/17 10:03 am

Changes proposed by: vanchena

Academic Career: Undergraduate, Lawrence
Subject Code: DANE
Course Number: 217
Academic Unit: Department: Germanic Languages & Literatures
School/College: College of Lib Arts & Sciences
Title: Intermediate Danish II, Honors
Transcript Title: Intermediate Danish II, Honors
Last Term Offered: Summer 2017

Catalog Description: Course content similar to DANE 216, with additional cultural study. Not open to native speakers of Danish or students who have completed DANE 216.

Prerequisites: Completion of DANE 212 with a grade of A, or DANE 213 with a grade of A or B.

Credits: 3
Course Type: Lecture (Regularly scheduled academic course) (LEC)
Grading Basis: A-D(+/-)/F (G11)
Is this course part of the University Honors Program?: Yes
Are you proposing this course for KU Core?: No
Typically Offered: Not Typically Offered
Repeatable for credit?: No

Principal Course Designator:

Course Designator: H - Humanities

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal

Justification for this request: We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

Course Reviewer Comments
Course Inventory Change Request

Course Deactivation Proposal

Date Submitted: 07/28/17 10:03 am

Viewing: DANE 220: Intensive Danish

Last edit: 07/28/17 10:03 am

Changes proposed by: vanchena

Academic Career: Undergraduate, Lawrence
Subject Code: DANE
Academic Unit: Department of Germanic Languages & Literatures
School/College: College of Lib Arts & Sciences
Title: Intensive Danish
Transcript Title: Intensive Danish
Last Term Offered: Summer 2017

Catalog Description: This course is designed to teach speaking, reading, writing, and comprehension skills of first and second year Danish in one semester. Classes are held for four hours a day Monday through Friday (8:30 a.m. - 12:20 p.m.). There are intensive drills in grammar, integrated language lab work, and homework assignments. Not open to native speakers of Danish.
Prerequisites: Admission to Danish Institute at the University of Kansas.

Credits: 16
Course Type: Lecture (Regularly scheduled academic course) (LEC)
Grading Basis: A-D(+/-)FI (G11)
Is this course part of the University Honors Program? No
Are you proposing this course for KU Core? No
Typically Offered: Not Typically Offered
Repeatable for credit? No
Principal Course Designator: U
Course Designator: U - Undesignated elective

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal

Justification for this request: We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

Course Reviewer Comments

Key: 3333
# Course Inventory Change Request

## Course Deactivation Proposal

### Date Submitted: 04/27/17 11:59 am

#### Viewing: GEOG 107: Principles of Physical Geography, Honors

#### Last edit: 04/27/17 11:59 am

Changes proposed by: koerner

<table>
<thead>
<tr>
<th>Catalog Pages referencing this course</th>
</tr>
</thead>
<tbody>
<tr>
<td>BA in Geography</td>
</tr>
<tr>
<td>Biology Undergraduate Program</td>
</tr>
<tr>
<td>College of Liberal Arts &amp; Sciences</td>
</tr>
<tr>
<td>Department of Ecology and Evolutionary Biology</td>
</tr>
<tr>
<td>Department of Molecular Biosciences</td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>Academic Career</th>
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<tbody>
<tr>
<td>Undergraduate, Lawrence</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Subject Code</th>
<th>Course Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG</td>
<td>107</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Academic Unit</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Department</td>
<td>Principles of Physical Geography, Honors</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Last Term Offered</th>
<th>Transcript Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer 2017</td>
<td>Princp Physical Geography,Hnrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Catalog Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interactive processes among the systems of the earth are studied and discussed. Major topics include vegetation, soils, landforms, water, the atmosphere, and cycles of matter between these portions of the earth. The course includes lectures and critical discussions to address study problems in physical geography. Open only to students in the University Honors Program or by consent of the instructor.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
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<table>
<thead>
<tr>
<th>Cross Listed Courses:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Credits</th>
<th>3</th>
</tr>
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<table>
<thead>
<tr>
<th>Course Type</th>
<th>Lecture (Regularly scheduled academic course) (LEC)</th>
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</table>

<table>
<thead>
<tr>
<th>Grading Basis</th>
<th>A-D(+/-)FI (G11)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Is this course part of the University Honors Program?</th>
<th>Yes</th>
</tr>
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<table>
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<tr>
<th>Are you proposing this course for KU Core?</th>
<th>Yes</th>
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<table>
<thead>
<tr>
<th>Typically Offered</th>
<th>Not Typically Offered</th>
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<table>
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<tr>
<th>Repeatable for credit?</th>
<th>No</th>
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<table>
<thead>
<tr>
<th>Principal Course Designator</th>
<th>NE - Earth Sciences</th>
</tr>
</thead>
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<table>
<thead>
<tr>
<th>Course Designator</th>
</tr>
</thead>
<tbody>
<tr>
<td>N - Natural Sciences</td>
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</tbody>
</table>

| Are you proposing that the course count towards the CLAS BA degree specific requirements? |

**Rationale for Course Proposal**

**KU Core Information**

Has the department approved the nomination of this course to KU Core?
Selected Goal(s):

Do all instructors of this course agree to include content that enables students to meet KU Core learning outcome(s)?

Do all instructors of this course agree to develop and save direct evidence that students have met the learning outcome(s)?

Provide an abstract (1000 characters maximum) that summarizes how this course meets the learning outcome.

Selected Learning Outcome(s):

Goal 3 - Natural Sciences
State how your course or educational experience will use assignments, readings, projects, or lectures to move students from their current knowledge to a deeper understanding of specific concepts fundamental to the area(s) in question. (Please limit responses to 1000 characters.)

State what course assignments, readings, class discussions, and lectures will synthesize the development over time of the principles, theories, and analytical methods of the discipline(s). (Please limit responses to 1000 characters.)

State what learning activities will integrate the analysis of contemporary issues with principles, theories, and analytical methods appropriate to the area in question. (Please limit responses to 1000 characters.)

State what course assignments, projects, quizzes, examinations, etc. will be used to evaluate whether students have a functional understanding of the development of these concepts, and can demonstrate their capability to analyze contemporary issues using the principles, theories, and analytical methods in the academic area. (Please limit responses to 1000 characters.)

KU Core Documents

Justification for this request
Course has not been offered since Fall 2008.

Course Reviewer Comments

Key: 3083
Course Inventory Change Request

Course Deactivation Proposal

GEOG 110: Geopolitics in the News

Date Submitted: 04/27/17 11:12 am

Viewing: GEOG 110 : Geopolitics in the News

Changes proposed by: koerner

A deleted record cannot be edited

GEOG-BA/BGS: Geography, B.A./B.G.S.

Programs referencing this course

Academic Career Undergraduate, Lawrence
Subject Code GEOG Course Number 110
Academic Unit Department Geography
School/College College of Lib Arts & Sciences
Title Geopolitics in the News
Transcript Title Geopolitics in the News
Last Term Offered Summer 2017

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

Prerequisites None

Cross Listed Courses:

Credits 3
Course Type Lecture (Regularly scheduled academic course) (LEC)
Grading Basis A-D(+/-)FI (G11)

Is this course part of the University Honors Program? No

Are you proposing this course for KU Core? No

Typically Offered

Repeatable for credit? No

Principal Course Designator

Course Designator S - Social Sciences

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal

Justification for this request GEOG 110 was initially proposed to fit within a new restructuring of the undergraduate BA and BS Geography programs but has now become obsolete with the addition of
GEOG 110: Geopolitics in the News

GEOG 177 since the freshman seminar course will be used to teach this content.

Course Reviewer
Comments
Course Inventory Change Request

Course Deactivation Proposal

Date Submitted: 05/01/17 10:43 am

Viewing: GEOG 331: Regional Geomorphology of the United States

Last edit: 05/01/17 10:42 am

Changes proposed by: koerner

Catalog Pages

- BS in Geography with concentration in Physical Geography
- College of Liberal Arts & Sciences
- Geography and Atmospheric Science
- GEOG-BA/BGS: Geography, B.A./B.G.S.

Programs

- Undergraduate, Lawrence
- Geography
- College of Lib Arts & Sciences
- Regional Geomorphology of the United States
- Rgnl Geomorphology of the U.S.
- Summer 2017

Catalog Description

This course examines forces and processes affecting the earth's surface, and furthermore identifies and describes the physiographic regions that are the result of these processes. Special efforts are made to explore various photographic resources, satellite imagery, and internet sources or geomorphic data from a regional perspective since there is no wholly satisfactory text available for the course. A research paper is required.

Prerequisites

An introductory earth science course or consent of instructor.

Cross Listed Courses:

- LEC

Credits

- 3

Course Type

- Lecture (Regularly scheduled academic course) (LEC)

Grading Basis

- A-D(+/-)FI (G11)

Are you proposing this course for KU Core?

- No

Typically Offered

- Not Typically Offered

Repeatable for credit?

- No

Principal Course Designator

- N - Natural Sciences

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal

Justification for this request

Course has not been taught since spring 2012.

Course Reviewer
**Course Inventory Change Request**

**Course Deactivation Proposal**

Date Submitted: 04/27/17 11:15 am

**Viewing: GEOG 357 : History and Philosophy of Geographic Information Science**

Last edit: 04/27/17 11:15 am

Changes proposed by: koerner

- **Programs referencing this course**: GEOG-BA/BGS: Geography, B.A./B.G.S.

<table>
<thead>
<tr>
<th>Academic Career</th>
<th>Undergraduate, Lawrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subject Code</td>
<td>GEOG</td>
</tr>
<tr>
<td>Course Number</td>
<td>357</td>
</tr>
<tr>
<td>Academic Unit</td>
<td>Department Geography</td>
</tr>
<tr>
<td>School/College</td>
<td>College of Lib Arts &amp; Sciences</td>
</tr>
<tr>
<td>Title</td>
<td>History and Philosophy of Geographic Information Science</td>
</tr>
<tr>
<td>Transcript Title</td>
<td>Hist&amp;Phil Geogrphc Info Scienc</td>
</tr>
<tr>
<td>Last Term Offered</td>
<td>Summer 2017</td>
</tr>
</tbody>
</table>

**Catalog Description**: An examination of the development of geographic information science (GISci) from its roots in traditional geography, cartography, and remote sensing to modern geographic information systems (GIS). GIS is explored as a new scientific instrument, a "macroscope" for representing and analyzing complex earth processes, both physical and cultural. The societal benefits and risks of GIS are demonstrated and discussed.

- **Prerequisites**: None
- **Cross Listed Courses**: None
- **Credits**: 3
- **Course Type**: Lecture (Regularly scheduled academic course) (LEC)
- **Grading Basis**: A-D(+-)/FI (G11)
- **Is this course part of the University Honors Program?**: No
- **Typically Offered**: Once a Year, Usually Fall
- **Repeatable for credit?**: No
- **Principal Course Designator**: N - Natural Sciences

- **Are you proposing this course for KU Core?**: No
- **Will this course be required for a degree, major, minor, certificate, or concentration?**

**Rationale for Course Proposal**

Justification for this request: The instructor of this course has left the University. There are no plans to teach this course in the future.
course again.

Course Reviewer
Comments
Course Inventory Change Request

Course Deactivation Proposal

Date Submitted: 05/01/17 10:49 am

Viewing: GEOG 375 : Intermediate Human Geography

Last edit: 05/01/17 10:49 am

Changes proposed by: koerner

Catalog Pages referencing this course
- College of Liberal Arts & Sciences
- Geography and Atmospheric Science

Programs
- GEOG-BA/BGS: Geography, B.A./B.G.S.

Academic Career
- Undergraduate, Lawrence

Subject Code
- GEOG

Course Number
- 375

Academic Unit
- Department: Geography
- School/College: College of Lib Arts & Sciences

Title
- Intermediate Human Geography

Transcript Title
- Intermediate Human Geography

Last Term Offered
- Summer 2017

Catalog Description
An examination of processes of cultural-economic interaction and patterns of human activity on a global scale. The topics cover the whole spectrum of human geography, with focus on urban-economic development, innovation and diffusion, and trade. Each week the third hour will be devoted to discussion of topics dealt with in lectures presented during the first two hours.

Prerequisites
- Introductory course in Geography or consent of the instructor.

Cross Listed Courses:

Credits
- 3

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

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

Is this course part of the University Honors Program?
- No

Are you proposing this course for KU Core?
- No

Typically Offered
- Not Typically Offered

Repeatable for credit?
- No

Principal Course Designator
- S - Social Sciences

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal

Justification for this request
Course has not been offered since Fall 2009.
Course Inventory Change Request

Course Deactivation Proposal

Date Submitted: 05/01/17 10:50 am

Viewing: GEOG 410: Human Biogeography, Honors
Also listed as: BIOL 410

Last edit: 05/04/17 11:28 am
Changes proposed by: koerner

GEOG-BA/BGS: Geography B A /B G S
Academic Career Undergraduate, Lawrence
Subject Code GEOG
Academic Unit Department Geography
School/College College of Lib Arts & Sciences
Title Human Biogeography, Honors
Transcript Title Human Biogeography, Honors
Last Term Offered Summer 2017

Catalog Description
Principles of evolution and earth change are used to examine distributions of human populations, wealth, and resources. Readings from the current literature will be included. Lecture and discussion.

Prerequisites
BIOL 152 or 153 or GEOG 107 and membership in the University Honors Program or consent of instructor.

Cross Listed Courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 410</td>
<td>Human Biogeography, Honors</td>
</tr>
</tbody>
</table>

Credits
3

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

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

Is this course part of the University Honors Program? Yes

Are you proposing this course for KU Core? No

Typically Offered
Not Typically Offered

Repeatable for credit? No

Principal Course Designator

Course Designator
N - Natural Sciences

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal

Justification for this request
Course has not been offered since Sprung 2005.
Rachel Schwien (rschwien) (05/04/17 11:28 am): BIOL (G. Burg) approves deactivation of BIOL 410
Course Inventory Change Request

Course Deactivation Proposal

Date Submitted: 04/27/17 11:19 am

Viewing: GEOG 418 : Workshop in Production Cartography

Last edit: 04/27/17 11:19 am

Changes proposed by: koerner

Programs referencing this course

GEOG-BA/BGS: Geography, B.A./B.G.S.

Academic Career
Undergraduate, Lawrence

Subject Code
GEOG

Course Number
418

Academic Unit
Department Geography

School/College
College of Lib Arts & Sciences

Title
Workshop in Production Cartography

Transcript Title
Workshop in Prodctn Cartogrphy

Last Term Offered
Summer 2017

Catalog Description
Theory and practice of map production and other related graphics using the latest graphic and GIS software. Projects vary but include the processes of design and production, editing and quality control, and a final printed or operational product. Involves a weekly consultation session and laboratory time in KU Cartographic & GIS Services.

Prerequisites
Completion of GEOG 311 and consent of instructor.

Cross Listed Courses:

Credits
1-3

Course Type
Independent Study (Non-research course – Examples: Private lessons, readings, independent study) (IND)

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

Is this course part of the University Honors Program?
No

Are you proposing this course for KU Core?
Yes

Typically Offered
Typically Every Semester

Repeatable for credit?
No

Principal Course Designator
N - Natural Sciences

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

KU Core Information

Has the department approved the nomination of this course to KU Core?
Yes
### Selected Goal(s)

<table>
<thead>
<tr>
<th>Name of person giving departmental approval</th>
<th>Date of Departmental Approval</th>
</tr>
</thead>
</table>

- **Do all instructors of this course agree to include content that enables students to meet KU Core learning outcomes?**
- **Do all instructors of this course agree to develop and save direct evidence that students have met the learning outcomes?**
- **Provide an abstract (1000 characters maximum) that summarizes how this course meets the learning outcome.**

**Selected Learning Outcome(s):**

**Goal 6**

Is this course or course sequence at the required junior or senior level?

Explain how students will analyze and combine information from different areas and approach and explain existing questions and problems from new perspectives, pose new questions or generate new ideas. (Please limit responses to 1000 characters.)

If your course or course sequence expects students to develop a creative product, please detail the nature of this product and how it will require students to think, react, and work in imaginative ways that produce innovative expressions and original perspectives. (Please limit responses to 1000 characters.)

Indicate the weight of the evidence in the overall grade of your course or educational experience that will evaluate students for integrative or creative thinking and how you will ensure that your syllabus reflects these assignment expectations. (Please limit responses to 1000 characters with countdown.)

### KU Core Documents

**Justification for this request**

Course has not been offered since Spring 2012.

**Course Reviewer Comments**
Course Inventory Change Request

Course Deactivation Proposal

Date Submitted: 04/27/17 11:17 am

Viewing: GEOG 433 : Biogeography Field and Laboratory Techniques
Also listed as: EVRN 433
Last edit: 04/27/17 11:17 am

Changes proposed by: koerner

Catalog Pages referencing this course
- BA in Environmental Studies
- College of Liberal Arts & Sciences
- Environmental Studies Program

Programs
- EVRN-BA/BGS: Environmental Studies, B.A./B.G.S.
- EVRN-MIN: Environmental Studies, Minor

Academic Career Undergraduate, Lawrence
Subject Code GEOG Course Number 433
Academic Unit Department Geography
School/College College of Lib Arts & Sciences
Title Biogeography Field and Laboratory Techniques
Transcript Title Biogeography Field&Lab Technqs
Last Term Offered Summer 2017

Catalog Description
This course provides undergraduate students with practical experience in field data collection techniques and laboratory data analysis methods. During the first half of the semester, students work in the field using a variety of methods to measure such vegetation characteristics as: cover, density, biomass, leaf area, and canopy architecture. Students gain experience in the use of field instruments including a spectroradiometer, and techniques for quantifying biophysical attributes of vegetation. During the later part of the course, students learn to summarize their field data and examine relationships between the vegetation attributes and measurements made using remote sensing instruments. Recommended: GEOG 316 or an introductory statistics equivalent.

Prerequisites
None

Cross Listed Courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVRN 433</td>
<td>Biogeography Field and Laboratory Techniques</td>
</tr>
</tbody>
</table>

Credits 3
Course Type Field Studies (Example: Geog 714 Field Experience) (FLD)
Grading Basis A-D(+/-)FI (G11)
Is this course part of the University Honors Program? No
Are you proposing this course for KU Core? No
Typically Offered Not Typically Offered
Repeatable for credit? No

Principal Course Designator
Course Designator N - Natural Sciences

Are you proposing that the course count towards the CLAS BA degree specific requirements?

Will this course be required for a degree, major, minor, certificate, or concentration?
Rationale for Course Proposal

Justification for this request
The instructor of this course left the University so the course has not been taught since Fall 2007.

Course Reviewer Comments
Rachel Schwien (rschwien) (05/16/17 10:45 am): EVRN (C. Brown) agrees to deactivation of EVRN 433
Course Inventory Change Request

Course Deactivation Proposal

Date Submitted: 04/27/17 11:20 am

Viewing: GEOG 510 : Human Factors

Last edit: 04/27/17 11:20 am

Changes proposed by: koerner

Catalog Pages referencing this course
- BA in Environmental Studies
- Geography and Atmospheric Science

Programs
- EVRN-BA/BGS: Environmental Studies, B.A./B.G.S.
- GEOG-BA/BGS: Geography, B.A./B.G.S.

Academic Career
- Undergraduate, Lawrence

Subject Code
- GEOG

Course Number
- 510

Academic Unit
- Department: Geography

School/College
- College of Lib Arts & Sciences

Title
- Human Factors

Transcript Title
- Human Factors

Last Term Offered
- Summer 2017

Catalog Description
An introduction to the concepts and theories underlying the study of human-technological systems. Human-machine interfaces and system properties and the environment are considered. Lecture-discussion sessions are supplemented by computer-supported laboratory and research activities.

Prerequisites
None

Cross Listed Courses:
None

Credits
4

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

Associated Components (Optional)
Discussion – Mandatory discussion associated with a main component

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

Is this course part of the University Honors Program?
No

Are you proposing this course for KU Core?
No

Typically Offered
Not Typically Offered

Repeatable for credit?
No

Principal Course Designator
N - Natural Sciences

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal

Justification for this request
Course has not been offered since Fall 2009.
Course Inventory Change Request

Course Deactivation Proposal

Date Submitted: 04/27/17 11:22 am

Viewing: GEOG 511 : Intermediate Cartography: _____

Last edit: 04/27/17 11:22 am

Changes proposed by: koerner

Programs referencing this course
- GEOG-BA/BGS: Geography, B.A./B.G.S.
- GEOG-CRTU: Geographic Information Science

Academic Career
Undergraduate, Lawrence

Subject Code
GEOG

Course Number
511

Academic Unit
Department: Geography
School/College: College of Lib Arts & Sciences

Title
Intermediate Cartography: _____

Transcript Title
Intermediate Cartography:

Last Term Offered
Summer 2017

Catalog Description
An investigation of special topics in cartography. Can be repeated for different topics.

Prerequisites
A course in cartography and consent of instructor.

Cross Listed Courses:

Credits
1-6

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

Associated Components (Optional)
Laboratory - Associated with a main component

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

Is this course part of the University Honors Program?
No

Are you proposing this course for KU Core?
No

Typically Offered
Once a Year, Usually Spring

Repeatable for credit?
Yes

How many times may this course be taken
99

- AND/OR -

For how many maximum credits
999

Can a student be enrolled in multiple sections in the same semester?
Yes

Principal Course Designator
N - Natural Sciences

Are you proposing that the course count towards the CLAS BA degree specific requirements?

Will this course be required for a degree, major, minor, certificate, or concentration?
| Justification for this request | Course has not been taught since Spring 2013. |
| Course Reviewer Comments    |                                               |
Course Inventory Change Request

A deleted record cannot be edited

Course Deactivation Proposal

Date Submitted: 05/01/17 10:50 am

Viewing: GEOG 519 : History of Cartography

Also listed as: HIST 546

Last edit: 05/01/17 10:50 am

Changes proposed by: koerner

Catalog Pages referring to this course:
- College of Liberal Arts & Sciences
- Department of History

Programs:
- GEOG-BA/BGS: Geography, B.A./B.G.S.

Academic Career:
- Undergraduate, Lawrence

Subject Code: GEOG
Course Number: 519

Academic Unit:
- Department: Geography
- School/College: College of Lib Arts & Sciences

Title:
- History of Cartography

Transcript Title:
- History of Cartography

Last Term Offered:
- Summer 2017

Catalog Description:
A history of mapmaking worldwide from its origins to the present day. Emphasis on maps as historical records of evolving civilizations and cultural landscapes and methods of studying early maps.

Prerequisites:
None

Cross Listed Courses:
- Code: HIST 546
  - Title: History of Cartography

Credits: 3

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

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

Is this course part of the University Honors Program?
No

Are you proposing this course for KU Core?
No

Typically Offered:
- Not Typically Offered

Repeatable for credit?
No

Principal Course Designator:
- H - Humanities

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal

Justification for this request:
Course has not been offered since Spring 2010.
Course Reviewer: Rachel Schwien (rschwien) (05/09/17 12:35 pm): HIST (A. Contreras) Approves deactivation of HIST 546
Course Inventory Change Request

Course Deactivation Proposal

Date Submitted: 05/01/17 10:51 am

Viewing: GEOG 537: Elements of Plant Geography

Last edit: 05/01/17 10:51 am

Changes proposed by: koerner

Courses:

GEOG 537: Elements of Plant Geography

Catalog Description
An introduction to spatial and temporal variation in natural plant populations and communities. Included is an introduction to methods of analysis, and an overview of structure and process in the earth's major biomes.

Prerequisites
GEOG 331; or an introductory biology/botany course and GEOG 104; or consent of instructor.

Credits 3

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

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

Is this course part of the University Honors Program? No

Are you proposing this course for KU Core? No

Typically Offered Not Typically Offered

Repeatable for credit? No

Principal Course Designator N - Natural Sciences

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal

Justification for this request Course has not been offered since Fall 2007.

Course Reviewer Comments

Approval Path

1. 05/18/17 9:14 am
   Rachel Schwien
   Approved for CLAS Undergraduate Program and Course Coordinator

2. 09/05/17 1:52 pm
   Rachel Schwien
   Approved for CUSA Subcommittee
Course Inventory Change Request

Course Deactivation Proposal

Date Submitted: 04/27/17 11:30 am

Viewing: GEOG 557: Cities and Development
Also listed as: AAAS 557
Last edit: 05/04/17 10:37 am
Changes proposed by: koerner

Catalog Pages referencing this course
College of Liberal Arts & Sciences
Department of African and African-American Studies

Programs
GEOG-BA/BGS: Geography, B.A./B.G.S.
GEOG-MA: Geography, M.A.

Academic Career Undergraduate, Lawrence
Subject Code GEOG
Academic Unit Department Geography
School/College College of Lib Arts & Sciences
Title Cities and Development
Transcript Title Cities and Development
Last Term Offered Summer 2017

Catalog Description
An intermediate level course in urban geography, with an emphasis on cities in the developing world. Example cities in Latin America and the Caribbean, Sub-Saharan Africa, the Middle East, South Asia, and/or Southeast Asia may be examined. The main focus is on the intersection between urbanization and economic development, but social, political, and cultural aspects of development in cities are considered. Other topics include the geographic impacts of European colonialism, urbanization and industrialization, rural-to-urban migration, urban structure and spatial dynamics, urban planning, and environmental sustainability.

Prerequisites None

Cross Listed Courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAAS 557</td>
<td>Cities and Development</td>
</tr>
</tbody>
</table>

Credits 3
Course Type Lecture (Regularly scheduled academic course) (LEC)
Grading Basis A-D(+/-)FI (G11)

Is this course part of the University Honors Program? No

Are you proposing this course for KU Core? No

Typically Offered Not Typically Offered

Repeatable for credit? No

Principal Course Designator
Course Designator S - Social Sciences

Are you proposing that the course count towards the CLAS BA degree specific requirements?

Will this course be required for a degree, major, minor, certificate, or concentration?
Rationale for Course Proposal

Justification for this request
Course has not been taught since Spring 2011.

Course Reviewer Comments
Rachel Schwien (rschwien) (05/04/17 10:37 am): AAAS (R. Lytle) approves deactivation of AAAS 557
Course Inventory Change Request

Course Deactivation Proposal

Date Submitted: 05/01/17 10:52 am

Viewing: GEOG 579 : Geography of American Foodways

Also listed as: AMS 579

Last edit: 05/04/17 11:29 am

Changes proposed by: koerner

Catalog Pages referencing this course:
- College of Liberal Arts & Sciences
- Department of American Studies

Programs:
- GEOG-BA/BGS: Geography, B.A./B.G.S.

Academic Career: Undergraduate, Lawrence

Subject Code: GEOG

Academic Unit: Department Geography

School/College: College of Lib Arts & Sciences

Title: Geography of American Foodways

Transcript Title: Geography of American Foodways

Last Term Offered: Summer 2017

Catalog Description:
An interdisciplinary approach to food that explores the diversity of eating habits across the United States and the role of food as an indicator of cultural identity and change. Current regional and ethnic food consumption patterns are stressed. Topics include multiculturalism and regional identity, the symbiotic relationship between restaurant food and home cooking, the recent interest in farmers' markets and organic foods, and the importance of the food industry and the popular press in setting trends.

Prerequisites:
None

Cross Listed Courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>AMS 579</td>
<td>Geography of American Foodways</td>
</tr>
</tbody>
</table>

Credits: 3

Course Type: Lecture (Regularly scheduled academic course) (LEC)

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

Is this course part of the University Honors Program? No

Are you proposing this course for KU Core? No

Typically Offered: Once a Year, Usually Fall

Repeatable for credit? No

Principal Course Designator

Course Designator

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for
<table>
<thead>
<tr>
<th>Course Proposal</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Justification for this request</strong></td>
</tr>
<tr>
<td><strong>Course Reviewer Comments</strong></td>
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</table>
Course Inventory Change Request

A deleted record cannot be edited

Course Deactivation Proposal

Date Submitted: 05/01/17 10:54 am

Viewing: GEOG 594 : Geography of the Former Soviet Union

Last edit: 05/01/17 10:53 am

Changes proposed by: koerner

Programs referencing this course

- GEOG-BA/BGS: Geography, B.A./B.G.S.
- SLAV-MIN: Slavic Languages and Literatures, Minor

Academic Career Undergraduate, Lawrence

Subject Code GEOG Course Number 594

Academic Unit Department Geography

School/College College of Lib Arts & Sciences

Title Geography of the Former Soviet Union

Transcript Title Geography of Former Soviet Union

Last Term Offered Summer 2017

Catalog Description

An analysis of the spatial organization of the successor states to the USSR. A study of the diverse human and natural resources, demographic, cultural, and economic conditions.

Prerequisites

An introductory geography course or background in Russian-East European history, social science, or culture, or consent of instructor.

Cross Listed

Courses: 

- Credits 3
- Course Type Lecture (Regularly scheduled academic course) (LEC)
- Grading Basis A-D(+/-)FI (G11)
- Is this course part of the University Honors Program? No
- Are you proposing this course for KU Core? No
- Typically Offered Not Typically Offered
- Repeatable for credit? No

Principal Course Designator

S - Social Sciences

W - World Culture

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal

Justification for this request

Course has not been offered since spring 2006.

Course Reviewer Comments

Rachel Schwien (rschwien) (08/18/17 10:43 am): Holding for associated changes from other departments
Course Inventory Change Request

Course Deactivation Proposal

Date Submitted: 05/01/17 10:54 am

Viewing: GEOG 595: Geography of Eastern Europe

Last edit: 05/01/17 10:54 am

Changes proposed by: koerner

GEOG-BA/BGS: Geography, B.A./B.G.S.
SLAV-MIN: Slavic Languages and Literatures, Minor

Academic Career: Undergraduate, Lawrence
Subject Code: GEOG
Course Number: 595
Academic Unit: Department Geography
School/College: College of Lib Arts & Sciences
Title: Geography of Eastern Europe
Transcript Title: Geography of Eastern Europe
Last Term Offered: Summer 2017

Catalog Description: A study of nations and regions of Eastern Europe, excluding Russia.
Prerequisites: An introductory geography course or background in Slavic-East European history, social science, or culture or consent of instructor.

Cross Listed Courses:

Credits: 3
Course Type: Lecture (Regularly scheduled academic course) (LEC)
Grading Basis: A-D(+/-)FI (G11)

Is this course part of the University Honors Program?: No
Are you proposing this course for KU Core?: No
Typically Offered: Not Typically Offered
Repeatable for credit?: No

Principal Course Designator:
Course Designator
S - Social Sciences
W - World Culture

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal

Justification for this request: Course has not been offered since Fall 2000.

Course Reviewer Comments:
Rachel Schwien (rschwien) (08/18/17 10:43 am): Holding for associated changes from other departments
Course Inventory Change Request

A deleted record cannot be edited

**Course Deactivation Proposal**

Date Submitted: 07/28/17 10:04 am

Viewing: **HNGR 103 : Survival Hungarian**

Last edit: 07/28/17 10:04 am

Changes proposed by: vanchena

<table>
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<tr>
<th>Academic Career</th>
<th>Undergraduate, Lawrence</th>
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<tbody>
<tr>
<td>Subject Code</td>
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<tr>
<td>Academic Unit</td>
<td>Department</td>
</tr>
<tr>
<td>School/College</td>
<td>College of Lib Arts &amp; Sciences</td>
</tr>
<tr>
<td>Title</td>
<td>Survival Hungarian</td>
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<tr>
<td>Transcript Title</td>
<td>Survival Hungarian</td>
</tr>
<tr>
<td>Last Term Offered</td>
<td>Summer 2017</td>
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</tbody>
</table>

Catalog Description
Practical training for people intending to live, study, travel, or work in Hungary. Focus on conversational skills. Intensive practice in speaking and listening, with vocabulary about Hungarian geography, culture, and business.

Introduction to basic grammar. Not for native speakers

Prerequisites
None

Cross Listed Courses:

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<th>Credits</th>
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<tbody>
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<td>Grading Basis</td>
<td>A-D(+-)/F</td>
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</table>

Is this course part of the University Honors Program?
No

Are you proposing this course for KU Core?
No

Typically Offered
Not Typically Offered

Repeatable for credit?
No

Principal Course Designator

Course Designator
U - Undesignated elective

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

**Rationale for Course Proposal**

Justification for this request
We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

Course Reviewer Comments
# Course Inventory Change Request

A deleted record cannot be edited

## Course Deactivation Proposal

### Viewing: HNGR 104 : Elementary Hungarian I

**Last edit:** 07/28/17 10:05 am

Changes proposed by: vanchena

| Catalog Pages referencing this course | College of Liberal Arts & Sciences  
Department of Germanic Languages and Literatures |
<table>
<thead>
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<tbody>
<tr>
<td>Other Courses</td>
<td>In The Catalog</td>
</tr>
</tbody>
</table>

### Academic Career

- **Subject Code**: HNGR
- **Course Number**: 104
- **Academic Unit**: Department of Germanic Languages and Literatures
- **School/College**: College of Liberal Arts & Sciences

### Title

- **Title**: Elementary Hungarian I
- **Transcript Title**: Elementary Hungarian I
- **Last Term Offered**: Summer 2017

### Catalog Description

- **Description**: Essentials of grammar, practice in speaking, reading, and writing Hungarian. Five class meetings per week. Not open to native speakers of Hungarian.

### Prerequisites

- **None**

### Cross Listed Courses:

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<tbody>
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<td><strong>Grading Basis</strong></td>
<td>A-D(+-)FI (G11)</td>
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<tr>
<td><strong>Is this course part of the University Honors Program?</strong></td>
<td>No</td>
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<tr>
<td><strong>Are you proposing this course for KU Core?</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>Typically Offered</strong></td>
<td>Not Typically Offered</td>
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<tr>
<td><strong>Repeatable for credit?</strong></td>
<td>No</td>
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</tbody>
</table>

### Principal Course Designator

- **Course Designator**: U - Undesignated elective

### Rationale for Course Proposal

- **Justification for this request**: We do not have faculty who can teach this course, and the SLLC has asked us to retire
all courses in languages we do not offer.

Course Reviewer
Comments
### Course Inventory Change Request

**Course Deactivation Proposal**

**Date Submitted:** 07/28/17 10:05 am

**Viewing:** HNGR 108: Elementary Hungarian II

**Last edit:** 07/28/17 10:05 am

Changes proposed by: vanchena

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<tr>
<td>Department of Germanic Languages and Literatures</td>
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<tr>
<th>Academic Career</th>
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<tr>
<td>Undergraduate, Lawrence</td>
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<tr>
<th>Subject Code</th>
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<td>HNGR</td>
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<td>108</td>
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<tbody>
<tr>
<td>Department Germanic Languages&amp;Literatures</td>
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<th>School/College</th>
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<tbody>
<tr>
<td>College of Lib Arts &amp; Sciences</td>
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<tr>
<td>Elementary Hungarian II</td>
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<table>
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<th>Transcript Title</th>
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<tr>
<td>Elementary Hungarian II</td>
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<tr>
<td>Summer 2017</td>
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<table>
<thead>
<tr>
<th>Catalog Description</th>
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<tbody>
<tr>
<td>Continuation of grammar; practice in conversation, composition, and reading. Five class meetings per week. Not open to native speakers of Hungarian.</td>
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<thead>
<tr>
<th>Prerequisites</th>
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<tbody>
<tr>
<td>HNGR 104 or equivalent.</td>
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<tr>
<th>Cross Listed Courses:</th>
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<table>
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<td>Lecture (Regularly scheduled academic course) (LEC)</td>
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<tr>
<td>A-D(+/-)FI (G11)</td>
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<table>
<thead>
<tr>
<th>Is this course part of the University Honors Program?</th>
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<tbody>
<tr>
<td>No</td>
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<table>
<thead>
<tr>
<th>Are you proposing this course for KU Core?</th>
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<tbody>
<tr>
<td>No</td>
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<table>
<thead>
<tr>
<th>Typically Offered</th>
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<tbody>
<tr>
<td>Not Typically Offered</td>
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<tr>
<th>Repeatable for credit?</th>
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<tbody>
<tr>
<td>No</td>
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<table>
<thead>
<tr>
<th>Principal Course Designator</th>
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<tbody>
<tr>
<td>U - Undesignated elective</td>
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</table>

<table>
<thead>
<tr>
<th>Are you proposing that the course count towards the CLAS BA degree specific requirements?</th>
</tr>
</thead>
</table>

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

**Rationale for Course Proposal**

**Justification for this request**

We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.
**Course Inventory Change Request**

A deleted record cannot be edited

**Course Deactivation Proposal**

Date Submitted: 07/28/17 10:06 am

**Viewing: HNGR 212 : Intermediate Hungarian I**

Last edit: 07/28/17 10:06 am

Changes proposed by: vanchena

| Catalog Pages referencing this course | College of Liberal Arts & Sciences  
Department of Germanic Languages and Literatures |
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Other Courses</td>
<td>In The Catalog</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Academic Career</th>
<th>Undergraduate, Lawrence</th>
</tr>
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<tbody>
<tr>
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<tr>
<td>Academic Unit</td>
<td>Department Germanic Languages &amp; Literatures</td>
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<tr>
<td>Title</td>
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<tr>
<td>Last Term Offered</td>
<td>Summer 2017</td>
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</table>

<table>
<thead>
<tr>
<th>Catalog Description</th>
<th>A continuation of HNGR 108. Structured grammar review, composition, conversation, with readings of literary and cultural texts. Three class meetings per week. Not open to native speakers of Hungarian.</th>
</tr>
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<tbody>
<tr>
<td>Prerequisites</td>
<td>HNGR 108 or equivalent.</td>
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<table>
<thead>
<tr>
<th>Course Type</th>
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<tbody>
<tr>
<td>Grading Basis</td>
<td>A-D(+/-)FI (G11)</td>
</tr>
<tr>
<td>Is this course part of the University Honors Program?</td>
<td>No</td>
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<tr>
<td>Are you proposing this course for KU Core?</td>
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<tr>
<td>Typically Offered</td>
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</tr>
<tr>
<td>Repeatable for credit?</td>
<td>No</td>
</tr>
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</table>

| Principal Course Designator        | U - Undesignated elective                                                      |

| Are you proposing that the course count towards the CLAS BA degree specific requirements? | |

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

**Rationale for Course Proposal**

Justification for this request: We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.
Course Inventory Change Request

A deleted record cannot be edited

Course Deactivation Proposal

Date Submitted: 07/28/17 10:06 am

Viewing: HNGR 216: Intermediate Hungarian II
Last edit: 07/28/17 10:06 am

Changes proposed by: vanchena

Catalog Pages referencing this course
- College of Liberal Arts & Sciences
- Department of Germanic Languages and Literatures

Other Courses In The Catalog
- In The Catalog

Academic Career
- Undergraduate, Lawrence

Subject Code
- HNGR Course Number 216

Academic Unit
- Department Germanic Languages & Literatures
- School/College College of Lib Arts & Sciences

Title
- Intermediate Hungarian II

Transcript Title
- Intermediate Hungarian II

Last Term Offered
- Summer 2017

Catalog Description
- A continuation of HNGR 212. Structured grammar review, composition, conversation, with readings of literary and cultural texts. Three class meetings per week. Not open to native speakers of Hungarian.

Prerequisites
- HNGR 212 or equivalent.

Does a student need to be admitted to the school/college in order to enroll in this course?
- No

Cross Listed Courses:

Credits
- 3

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

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

Course Offered as
- MD Course Category

Year of Student

Maximum number of students (per rotation)

Is this course part of the University Honors Program?
- No

Are you proposing this course for KU Core?
- No

Typically Offered
- Not Typically Offered

Repeatable for credit?
- No

Does this course fulfill RSRS (Research Skills Responsible Scholarship)?
Principal Course
Designator
Course Designator
U - Undesignated elective

Are you proposing that the course count towards the CLAS BA degree specific requirements?

Justification for counting this course towards the CLAS BA

How does this course meet the CLAS BA requirements?

Is this course for licensure?

Describe how:

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

Which Program(s)?

Rationale for Course Proposal

Justification for this request
We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

Course Reviewer Comments

Key: 5911
A deleted record cannot be edited

Course Deactivation Proposal

Date Submitted: 07/28/17 10:06 am

Viewing: HNGR 453: Investigation and Conference: _____

Last edit: 07/28/17 10:06 am

Changes proposed by: Vanchena

Academic Career: Undergraduate, Lawrence
Subject Code: HNGR
Academic Unit: Department of Germanic Languages & Literatures
School/College: College of Lib Arts & Sciences
Title: Investigation and Conference:
Transcript Title: Investigation and Conference:
Last Term Offered: Summer 2017

Catalog Description: Independent study and directed readings on special topics. Permission of the instructor who will supervise the student's work is required. Not open to native speakers of Hungarian.

Prerequisites: HNGR 216.

Cross Listed Courses:

Credits: 1.3
Course Type: Independent Study (Non-research course – Examples: Private lessons, readings, independent study) (IND)
Grading Basis: A-D(+/-)/FI (G11)
Is this course part of the University Honors Program? No
Are you proposing this course for KU Core? No
Typically Offered: Not Typically Offered
Repeatable for credit? No

Principal Course Designator: C
Course Designator: U - Undesignated elective

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal

Justification for this request: We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

Course Reviewer Comments
## Course Inventory Change Request

A deleted record cannot be edited

### Course Deactivation Proposal

**Date Submitted:** 07/28/17 10:16 am

**Viewing:** NORW 104: Elementary Norwegian I

**Last edit:** 07/28/17 10:16 am

Changes proposed by: vanchena

<table>
<thead>
<tr>
<th>Catalog Pages referencing this course</th>
<th>Other Courses In The Catalog</th>
</tr>
</thead>
<tbody>
<tr>
<td>College of Liberal Arts &amp; Sciences</td>
<td></td>
</tr>
<tr>
<td>Department of Germanic Languages and Literatures</td>
<td></td>
</tr>
</tbody>
</table>

#### Academic Career

**Undergraduate, Lawrence**

**Subject Code:** NORW  
**Course Number:** 104

**Academic Unit:** Department of Germanic Languages and Literatures

**School/College:** College of Liberal Arts & Sciences

**Title:** Elementary Norwegian I

**Transcript Title:** Elementary Norwegian I

**Last Term Offered:** Summer 2017

**Catalog Description:** Essentials of grammar, practice in speaking, reading, and writing Norwegian. Five hours of recitation per week. Not open to native speakers of Norwegian.

**Prerequisites:** None

**Cross Listed Courses:**

- **Credits:** 5
- **Course Type:** Lecture (Regularly scheduled academic course) (LEC)
- **Grading Basis:** A-D(+/-)FI (G11)
- **Is this course part of the University Honors Program?** No
- **Are you proposing this course for KU Core?** No
- **Typically Offered:** Not Typically Offered
- **Repeatable for credit?** No

**Principal Course Designator:** U - Undesignated elective

**Rationale for Course Proposal**

We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.
NORW 108: Elementary Norwegian II

Continuation of grammar; practice in conversation, composition, and reading. Five hours of recitation per week. Not open to native speakers of Norwegian.

NORW 104 or permission of instructor.

We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

Rationale for Course Proposal

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

Are you proposing the course count towards the CLAS BA degree specific requirements?

Course Reviewer Comments

Key: 5630
Course Inventory Change Request

Course Deactivation Proposal

Date Submitted: 07/28/17 10:17 am

Viewing NORW 177 : First Year Seminar: ____

Last edit: 07/28/17 10:17 am

Changes proposed by: vanchena

A deleted record cannot be edited

Academic Career Undergraduate, Lawrence

Subject Code NORW Course Number 177

Academic Unit Department Germanic Languages & Literatures

School/College College of Lib Arts & Sciences

Title First Year Seminar: _____

Transcript Title First Year Seminar:

Last Term Offered Summer 2017

Catalog Description A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Norwegian. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience.

Prerequisites First-time freshman status.

Cross Listed Courses:

Credits 3

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

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

Is this course part of the University Honors Program? No

Are you proposing this course for KU Core? Yes

Typically Offered

Repeatable for credit? No

Principal Course Designator

Course Designator U - Undesignated elective

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal

KU Core Information

Has the department approved the nomination of this course to KU Core? Yes

Name of person giving departmental approval

Date of Departmental Approval

Selected Goal(s)

Do all instructors of this course agree to include content that enables students to meet...
KU Core learning outcome(s)?

Do all instructors of this course agree to develop and save direct evidence that students have met the learning outcomes(s)?

Provide an abstract (1000 characters maximum) that summarizes how this course meets the learning outcome.

Selected Learning Outcome(s):

**Goal 1, Learning Outcome 1**

State what assignments, readings, class discussion, and/or lecture topics instruct students how to analyze and evaluate assumptions, claims, evidence, arguments, and forms of expression; select and apply appropriate interpretive tools. (Please limit responses to 1000 characters).

List and discuss the assignments, projects and/or tests that will require students to form judgments about the assumptions or claims presented, analyze and synthesize information, and make evidence-based arguments to support conclusions. (Please limit responses to 1000 characters.) *

Indicate the weight of the evidence (e.g., exams, projects, assignments) that will be used to document student performance in these tasks and how this evidence will determine a supermajority (greater than or equal to 60%) of the final grade. *

---

**Justification for this request**

We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

**Course Reviewer Comments**
NORW 212: Intermediate Norwegian I

Course Description
A continuation of NORW 108. Structured grammar review, composition, conversation with readings of literary and cultural texts. Not open to native speakers of Norwegian.

NORW 108 or permission of instructor.

Catalog Pages referencing this course:
College of Liberal Arts & Sciences
Department of Germanic Languages and Literatures

Other Courses In The Catalog:
In The Catalog

Academic Career:
Undergraduate, Lawrence

Subject Code: NORW
Course Number: 212

Academic Unit:
Department: Germanic Languages & Literatures
School/College: College of Lib Arts & Sciences

Title:
Intermediate Norwegian I

Transcript Title:
Intermediate Norwegian I

Last Term Offered:
Summer 2017

Catalog Description:
A continuation of NORW 108. Structured grammar review, composition, conversation with readings of literary and cultural texts. Not open to native speakers of Norwegian.

Prerequisites:
NORW 108 or permission of instructor.

Cross Listed Courses:

Credits:
3

Course Type:
Lecture (Regularly scheduled academic course) (LEC)

Grading Basis:
A-D(+)F (G11)

Is this course part of the University Honors Program?
No

Are you proposing this course for KU Core?
No

Typically Offered:
Not Typically Offered

Repeatable for credit?
No

Principal Course Designator:
U - Undesignated elective

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal:
We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

Comments:

# Course Inventory Change Request

**Course Deactivation Proposal**

Date Submitted: 07/28/17 10:17 am

**Viewing: NORW 216: Intermediate Norwegian II**

Last edit: 07/28/17 10:17 am

Changes proposed by: vanchena

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<td>Title</td>
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<td>Transcript Title</td>
<td>Intermediate Norwegian II</td>
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<tr>
<td>Last Term Offered</td>
<td>Summer 2017</td>
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</table>

**Catalog Description**
A continuation of NORW 212. Structured grammar review, composition, conversation with readings of literary and cultural texts. Not open to native speakers of Norwegian.

**Prerequisites**
NORW 212 or permission of instructor.

**Cross Listed Courses:**

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<td>Typically Offered</td>
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<td>Repeatable for credit?</td>
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**Principal Course Designator**

| Course Designator | U - Undesignated elective |

**Are you proposing that the course count towards the CLAS BA degree specific requirements?**

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

**Rationale for Course Proposal**

**Justification for this request:**
We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

**Course Reviewer Comments**
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Scandinavian. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience.

First-time freshman status.

KU Core Information

Has the department approved the nomination of this course to KU Core?
Yes

Are all instructors of this course agree to include content that enables students to meet
KU Core learning outcome(s)?

Do all instructors of this course agree to develop and save direct evidence that students have met the learning outcomes(s)?

Provide an abstract (1000 characters maximum) that summarizes how this course meets the learning outcome.

Selected Learning Outcome(s):

**Goal 1, Learning Outcome 1**

State what assignments, readings, class discussion, and/or lecture topics instruct students how to analyze and evaluate assumptions, claims, evidence, arguments, and forms of expression; select and apply appropriate interpretive tools. (Please limit responses to 1000 characters).

List and discuss the assignments, projects and/or tests that will require students to form judgments about the assumptions or claims presented, analyze and synthesize information, and make evidence-based arguments to support conclusions. (Please limit responses to 1000 characters.) *

Indicate the weight of the evidence (e.g., exams, projects, assignments) that will be used to document student performance in these tasks and how this evidence will determine a supermajority (greater than or equal to 60%) of the final grade. *

---

**Justification for this request**

We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

**Course Reviewer Comments**
Course Inventory Change Request

A deleted record cannot be edited

Date Submitted: 07/28/17 10:08 am

Viewing: SCAN 453: Investigation and Conference: _____

Last edit: 07/28/17 10:08 am

Changes proposed by: vanchena

Academic Career: Undergraduate, Lawrence

Subject Code: SCAN

Academic Unit: Germanic Languages & Literatures

School/College: College of Lib Arts & Sciences

Title: Investigation and Conference: _____

Transcript Title: Investigation and Conference:

Last Term Offered: Summer 2017

Catalog Description: Independent study and directed reading on special topics.

Prerequisites: Permission of instructor.

Cross Listed Courses:

Credits: 1-3

Course Type: Independent Study (Non-research course - Examples: Private lessons, readings, independent study) (IND)

Grading Basis: A-D+/-Fi (G11)

Is this course part of the University Honors Program?: No

Are you proposing this course for KU Core?: No

Typically Offered: Not Taught in Summer

Repeatable for credit?: Yes

How many times may this course be taken 99 AND/OR For how many maximum credits 999

Can a student be enrolled in multiple sections in the same semester?
Yes

Principal Course Designator

Course Designator: U - Undesignated elective

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal

Justification for this request: We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

Course Reviewer Comments
Course Inventory Change Request

Course Deactivation Proposal

Date Submitted: 07/28/17 10:08 am

Viewing: SCAN 560: Scandinavia Past and Present

Last edit: 07/28/17 10:08 am

Changes proposed by: vancheona

Academic Career: Undergraduate, Lawrence
Subject Code: SCAN
Academic Unit: Germanic Languages & Literatures
School/College: College of Lib Arts & Sciences
Title: Scandinavia Past and Present
Transcript Title: Scandinavia Past and Present
Last Term Offered: Summer 2017

Catalog Description:
This course presents a historical survey of Denmark, Finland, Iceland, Norway and Sweden. In a comparative framework, the course focuses on a variety of central aspects that shaped Scandinavia from the Viking Age to the present.

Prerequisites: None

Cross Listed Courses:

Credits: 3
Course Type: Lecture (Regularly scheduled academic course) (LEC)
Grading Basis: A-D(+/-)(F) (G11)

Is this course part of the University Honors Program? No
Are you proposing this course for KU Core? No
Typically Offered: Not Typically Offered
Repeatable for credit? No

Principal Course Designator:
Course Designator: H - Humanities

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal

Justification for this request: We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

Course Reviewer Comments
Course Inventory Change Request

Course Deactivation Proposal

Date Submitted: 07/28/17 10:09 am

Viewing: SCAN 570 : Scandinavian Life and Civilization

Also listed as: EURS 510

Last edit: 07/28/17 10:09 am

Changes proposed by: vanchena

Catalog Pages referencing this course:
- College of Liberal Arts & Sciences
- Global and International Studies

Programs:
- GIST-COM: European Studies, Co-Major

Academic Career:
- Undergraduate, Lawrence

Subject Code:
- SCAN

Academic Unit:
- Department: Germanic Languages & Literatures
- School/College: College of Lib Arts & Sciences

Title:
- Scandinavian Life and Civilization

Transcript Title:
- Scandinavian Life & Civilization

Last Term Offered:
- Fall 2017

Catalog Description:
This course is designed to impart a general knowledge of life in Denmark, Finland, Iceland, Norway, and Sweden, with emphasis on social and cultural conditions, against a geographical and historical background, from the Viking age to the present. Slides and other illustrated materials.

Prerequisites:
None

Cross Listed Courses:

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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>EURS 510</td>
<td>Scandinavian Life and Civilization</td>
</tr>
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</table>

Credits:
3

Course Type:
Lecture (Regularly scheduled academic course) (LEC)

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

Is this course part of the University Honors Program?
No

Are you proposing this course for KU Core?
No

Typically Offered:
Not Typically Offered

Repeatable for credit?
No

Principal Course Designator:

<table>
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<tr>
<td>W - World Culture</td>
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Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal
<table>
<thead>
<tr>
<th>Justification for this request</th>
<th>We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.</th>
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</thead>
<tbody>
<tr>
<td>Course Reviewer Comments</td>
<td>Rachel Schwien (rschwien) (08/01/17 8:25 am): L. Vanchena confirmed that both courses should be deactivated.</td>
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Course Inventory Change Request

A deleted record cannot be edited

Course Deactivation Proposal

Date Submitted: 07/28/17 10:09 am

Viewing: SCAN 660: Representative Authors in English

Last edit: 07/28/17 10:09 am

Changes proposed by: vanchena

Academic Career: Undergraduate, Lawrence
Subject Code: SCAN
Academic Unit: Germanic Languages & Literatures
School/College: College of Liberal Arts & Sciences
Title: Representative Authors in English
Transcript Title: Representative Authors English
Last Term Offered: Summer 2017

Catalog Description: Intensive study of one or more major authors from the literatures of Scandinavia. May be repeated.

Prerequisites: None

Cross Listed Courses:

Credits: 3
Course Type: Lecture (Regularly scheduled academic course) (LEC)
Grading Basis: A-D+/FI (G11)

Are you proposing this course for KU Core? No
Typically Offered: Not Typically Offered
Repeatable for credit? No

Principal Course Designator
Course: H - Humanities
Designator: W - World Culture

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal

Justification for this request: We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

Course Reviewer Comments
Course Inventory Change Request

A deleted record cannot be edited

Course Deactivation Proposal

Date Submitted: 07/28/17 10:10 am

Viewing. SCAN 661: Topics in Scandinavian Languages and Linguistics:

Last edit: 07/28/17 10:10 am

Changes proposed by: vanchena

Academic Career: Undergraduate, Lawrence
Subject Code: SCAN
Course Number: 661
Academic Unit: Department of Germanic Languages & Literatures
School/College: College of Liberal Arts & Sciences
Title: Topics in Scandinavian Languages and Linguistics:
Transcript Title: Topics Scandinavian Languages and Linguistics:
Last Term Offered: Summer 2017

Catalog Description: Intensive study of a selected topic in Scandinavian languages and linguistics. The course deals with the linguistic analysis of language rather than the acquisition of a particular language. May be repeated.
Prerequisites: A course in linguistics.
Cross Listed Courses:

Credits: 3
Course Type: Lecture (Regularly scheduled academic course) (LEC)
Grading Basis: A-D+/F (G11)
Is this course part of the University Honors Program? No
Are you proposing this course for KU Core? No
Typically Offered: Not Typically Offered
Repeatable for credit? No
Principal Course Designator
Course Designator

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal
Justification for this request: We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

Course Reviewer Comments
**Course Inventory Change Request**

**Course Deactivation Proposal**

**Viewing: SWED 104 : Elementary Swedish I**

**Last edit: 07/28/17 10:12 am**

Changes proposed by: vanchena

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<th>Catalog Pages referencing this course</th>
<th>College of Liberal Arts &amp; Sciences Department of Germanic Languages and Literatures</th>
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</thead>
<tbody>
<tr>
<td>Other Courses</td>
<td>In The Catalog</td>
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</table>

**Academic Career**

- Undergraduate, Lawrence

**Subject Code**

- SWED

**Course Number**

- 104

**Academic Unit**

- Department: Germanic Languages & Literatures
- School/College: College of Liberal Arts & Sciences

**Title**

- Elementary Swedish I

**Transcript Title**

- Elementary Swedish I

**Last Term Offered**

- Summer 2017

**Catalog Description**

- Essentials of grammar, practice in speaking, reading, and writing Swedish. Five hours of recitation per week. Not open to native speakers of Swedish.

**Prerequisites**

- None

**Cross Listed Courses:**

<table>
<thead>
<tr>
<th>Credits</th>
<th>5</th>
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</table>

**Course Type**

- Lecture (Regularly scheduled academic course) (LEC)

**Grading Basis**

- A-D(+/-)FI (G11)

**Is this course part of the University Honors Program?**

- No

**Are you proposing this course for KU Core?**

- No

**Typically Offered**

- Not Taught in Summer

**Repeatable for credit?**

- No

**Principal Course Designator**

- Course Designator: U - Undesignated elective

**Are you proposing that the course count towards the CLAS BA degree specific requirements?**

**Rationale for Course Proposal**

We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.
Course Inventory Change Request

A deleted record cannot be edited

Course Deactivation Proposal

Date Submitted: 07/28/17 10:12 am

Viewing: SWED 105 : Elementary Swedish I, Honors

Last edit: 07/28/17 10:12 am

Changes proposed by: vanchena

Academic Career: Undergraduate, Lawrence
Subject Code: SWED
Course Number: 105
Academic Unit: Germanic Languages & Literatures
School/College: College of Lib Arts & Sciences
Title: Elementary Swedish I, Honors
Transcript Title: Elementary Swedish I, Honors
Last Term Offered: Summer 2017

Catalog Description:
Similar to SWED 104 with additional work to expand the student's cultural context and understanding. Not open to native speakers of Swedish or students who have completed SWED 104.

Prerequisites:
Open only to students admitted to the University Honors Program, or by permission of instructor.

Credits: 5
Course Type: Lecture (Regularly scheduled academic course) (LEC)
Grading Basis: A-D(+/F) (G11)
Is this course part of the University Honors Program?: Yes
Are you proposing this course for KU Core?: No
Typically Offered: Once a Year, Usually Fall
Repeatable for credit?: No

Principal Course Designator: U - Undesignated elective
Course Designator: 

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal

Justification for this request: We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

Course Reviewer Comments

Key 59134
# Course Inventory Change Request

A deleted record cannot be edited

**Course Deactivation Proposal**

Date Submitted: 07/28/17 10:13 am

**Viewing. SWED 108: Elementary Swedish II**

Last edit: 07/28/17 10:13 am

Changes proposed by: vanchena

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<td>Elementary Swedish II</td>
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<th>Catalog Description</th>
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<td>Continuation of grammar; practice in conversation, composition, and reading. Five hours of recitation per week. Not open to native speakers of Swedish.</td>
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<td>SWED 104 or permission of instructor.</td>
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<th>Is this course part of the University Honors Program?</th>
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<table>
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<th>Are you proposing that the course count towards the CLAS BA degree specific requirements?</th>
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<table>
<thead>
<tr>
<th>Rationale for Course Proposal</th>
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</table>

Justification for this request: We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

<table>
<thead>
<tr>
<th>Course Reviewer Comments</th>
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Course Inventory Change Request

Course Deactivation Proposal

Date Submitted: 07/28/17 10:13 am

Viewing: SWED 109: Elementary Swedish II, Honors

Last edit: 07/28/17 10:13 am

Changes proposed by: vanchena

Academic Career: Undergraduate, Lawrence

Subject Code: SWED

Academic Unit: Germanic Languages & Literatures

School/College: College of Lib Arts & Sciences

Course Number: 109

Title: Elementary Swedish II, Honors

Transcript Title: Elementary Swedish II, Honors

Last Term Offered: Summer 2017

Catalog Description: Course content similar to SWED 108, with additional cultural study. Meets 5 days a week. Not open to native speakers of Swedish.

Prerequisites: Open only to students admitted to the University Honors Program, or by permission of instructor.

Cross Listed Courses:

Credits: 5

Course Type: Lecture (Regularly scheduled academic course) (LEC)

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

Is this course part of the University Honors Program? Yes

Are you proposing this course for KU Core? No

Typically Offered: Once a Year, Usually Spring

Repeatable for credit? No

Principal Course Designator

Course Designator: U - Undesignated elective

Are you proposing that the course count towards the CLAS BA degree specific requirements?

Rationale for Course Proposal

Justification for this request: We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

Course Reviewer Comments

Key: 2017
Course Inventory Change Request

Course Deactivation Proposal

Date Submitted: 07/28/17 10:13 am

Viewing: SWED 177 : First Year Seminar: _____
Last edit: 07/28/17 10:13 am
Changes proposed by: vanchena

A deleted record cannot be edited

Course Description
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Swedish. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience.

Prerequisites
First-time freshman status.

Cross Listed Courses:

Credits 3
Course Type Lecture (Regularly scheduled academic course) (LEC)
Grading Basis A-D(+/-)FI (G11)

Is this course part of the University Honors Program? No

Are you proposing this course for KU Core? Yes

Typically Offered

Repeatable for credit? No

Principal Course Designator

Course Designator U - Undesignated elective

Are you proposing that the course count towards the CLAS BA degree specific requirements?

Rationale for Course Proposal

Justification for counting this course towards the CLAS BA

Is this course for licensure? Describe how:

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

Which Program(s)?

In Workflow
1. CLAS Undergraduate Program and Course Coordinator
2. CUSA Subcommittee
3. CUSA Committee
4. CAC
5. CLAS Final Approval
6. Registrar
7. PeopleSoft
8. UCCC CIM Support
9. UCCC Preliminary Vote
10. UCCC Voting Outcome
11. SIS KU Core Contact
12. Registrar
13. PeopleSoft

Approval Path
1. 07/31/17 10:39 am Rachel Schwien (rschwen): Approved for CLAS Undergraduate Program and Course Coordinator
2. 09/05/17 1:53 pm Rachel Schwien (rschwen): Approved for CUSA Subcommittee

https://next.catalog.ku.edu/courseleaf/courseleaf.cgi?page=/courseadmin...
KU Core Information

Has the department approved the nomination of this course to KU Core?
Yes

Name of person giving departmental approval

Date of Departmental Approval

Selected Goal(s)

Do all instructors of this course agree to include content that enables students to meet KU Core learning outcome(s)?

Do all instructors of this course agree to develop and save direct evidence that students have met the learning outcomes(s)?

Provide an abstract (1000 characters maximum) that summarizes how this course meets the learning outcome.

Selected Learning Outcome(s):

Goal 1, Learning Outcome 1
State what assignments, readings, class discussion, and/or lecture topics instruct students how to analyze and evaluate assumptions, claims, evidence, arguments, and forms of expression; select and apply appropriate interpretive tools. (Please limit responses to 1000 characters).

List and discuss the assignments, projects and/or tests that will require students to form judgments about the assumptions or claims presented, analyze and synthesize information, and make evidence-based arguments to support conclusions. (Please limit responses to 1000 characters.) *

Indicate the weight of the evidence (e.g., exams, projects, assignments) that will be used to document student performance in these tasks and how this evidence will determine a supermajority (greater than or equal to 60%) of the final grade. *

KU Core Documents

Justification for this request
We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

Course Reviewer Comments

Key 2018
## Course Inventory Change Request

A deleted record cannot be edited

### Course Deactivation Proposal

**Date Submitted:** 07/28/17 10:14 am

**Viewing:** SWED 212: Intermediate Swedish I

**Last edit:** 07/28/17 10:14 am

Changes proposed by: vanchena

| Catalog Pages referencing this course | College of Liberal Arts & Sciences  |
|                                      | Department of Germanic Languages and Literatures |
| Other Courses                        | In The Catalog |

| **Academic Career**                  | Undergraduate, Lawrence |
| **Subject Code**                     | SWED  |
| **Course Number**                    | 212   |
| **Academic Unit**                    | Department of Germanic Languages & Literatures |
| **School/College**                   | College of Lib Arts & Sciences |
| **Title**                            | Intermediate Swedish I |
| **Transcript Title**                 | Intermediate Swedish I |
| **Last Term Offered**                | Summer 2017 |

| **Catalog Description**              | A continuation of SWED 108. Structured grammar review, composition, conversation with readings of literary and cultural texts. Not open to native speakers of Swedish. |
| **Prerequisites**                    | SWED 108 or permission of instructor. |
| **Cross Listed Courses:**            | |

| **Credits**                          | 3 |
| **Course Type**                      | Lecture (Regularly scheduled academic course) (LEC) |
| **Grading Basis**                    | A-D(+-)F| (G11) |
| **Is this course part of the University Honors Program?** | No |
| **Are you proposing this course for KU Core?** | No |
| **Typically Offered**                | Once a Year, Usually Fall |
| **Repeatable for credit?**           | No |
| **Principal Course Designator**      | U - Undesignated elective |

**Are you proposing that the course count towards the CLAS BA degree specific requirements?**

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

### Rationale for Course Proposal

**Justification for this request**

We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

**Course Reviewer Comments**

---

**Key: 7039**
Course Inventory Change Request

A deleted record cannot be edited

Course Deactivation Proposal

Date Submitted: 07/28/17 10:14 am
Viewing: SWED 213: Intermediate Swedish I, Honors
Last edit: 07/28/17 10:14 am
Changes proposed by: vanchena

Academic Career: Undergraduate, Lawrence
Subject Code: SWED
Academic Unit: Germanic Languages & Literatures
School/College: College of Lib Arts & Sciences
Title: Intermediate Swedish I, Honors
Transcript Title: Intermediate Swedish I, Honors
Last Term Offered: Summer 2017

Catalog Description: Course content similar to SWED 212, with additional cultural study. Three class meetings per week. Not open to native speakers of Swedish.
Prerequisites: Open only to students admitted to the University Honors Program, or by permission of instructor.

Credits: 3
Course Type: Lecture (Regularly scheduled academic course) (LEC)
Grading Basis: A-D(+/-)/F (G11)
Is this course part of the University Honors Program?: Yes
Are you proposing this course for KU Core?: No
Typically Offered: Once a Year, Usually Fall
Repeatability for credit?: No

Principal Course Designator: U - Undesignated elective
Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal

Justification for this request: We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

Course Reviewer Comments

Key 2018
Course Deactivation Proposal

Date Submitted: 07/28/17 10:15 am

Viewing: SWED 216 : Intermediate Swedish II

Last edit: 07/28/17 10:15 am

Changes proposed by: vanchena

Catalog Pages referencing this course: College of Liberal Arts & Sciences, Department of Germanic Languages and Literatures

Other Courses In The Catalog: In The Catalog

Academic Career: Undergraduate, Lawrence

Subject Code: SWED

Course Number: 216

Academic Unit: Department Germanic Languages & Literatures

School/College: College of Lib Arts & Sciences

Title: Intermediate Swedish II

Transcript Title: Intermediate Swedish II

Last Term Offered: Summer 2017

Catalog Description:
A continuation of SWED 212. Structured grammar review, composition, conversation with readings of literary and cultural texts. Not open to native speakers of Swedish.

Prerequisites:
SWED 212 or permission of instructor.

Cross Listed Courses:

Credits: 3

Course Type: Lecture (Regularly scheduled academic course) (LEC)

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

Is this course part of the University Honors Program?: No

Are you proposing this course for KU Core?: No

Typically Offered: Once a Year, Usually Spring

Repeatable for credit?: No

Principal Course Designator: U - Undesignated elective

Are you proposing that the course count towards the CLAS BA degree specific requirements?:

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

Rationale for Course Proposal:

Justification for this request: We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

Course Reviewer Comments:

Key: 7041
Course Inventory Change Request

Course Deactivation Proposal

Date Submitted: 07/28/17 10:15 am

Viewing: SWED 217: Intermediate Swedish II, Honors

Last edit: 07/28/17 10:15 am

Changes proposed by: vanhenra

Academic Career: Undergraduate, Lawrence
Subject Code: SWED
Academic Unit: Germanic Languages & Literatures
School/College: College of Lib Arts & Sciences
Title: Intermediate Swedish II, Honors
Transcript Title: Intermediate Swedish II Honors
Last Term Offered: Summer 2017

Catalog Description: Course content similar to SWED 216, with additional cultural study. Three class meetings per week. Not open to native speakers of Swedish.

Prerequisites: Open only to students admitted to the University Honors Program, or by permission of instructor.

Credits: 3
Course Type: Lecture (Regularly scheduled academic course) (LEC)
Grading Basis: A-D(+/-)/F (G11)
Is this course part of the University Honors Program?: Yes
Are you proposing this course for KU Core?: No
Typically Offered: Once a Year, Usually Spring
Repeatable for credit?: No

Principal Course Designator: 
Course Designator: U - Undesignated elective

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal

Justification for this request: We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

Course Reviewer Comments
Course Inventory Change Request

A deleted record cannot be edited

Course Deactivation Proposal

Date Submitted: 07/28/17 10:15 am

Viewing. SWED 330: Intermediate Swedish Composition and Conversation

Last edit: 07/28/17 10:15 am

Changes proposed by: vanchena

Academic Career: Undergraduate, Lawrence
Subject Code: SWED
Academic Unit: Department of Germanic Languages & Literatures
School/College: College of Lib Arts & Sciences
Title: Intermediate Swedish Composition and Conversation
Transcript Title: Intermediate Swedish Composition
Last Term Offered: Summer 2017

Catalog Description: Extensive practice in writing and speaking Swedish with grammar and review and selected readings. Not open to native speakers of Swedish.

Prerequisites: SWED 216 or equivalent.

Cross Listed Courses:

Credits: 3
Course Type: Lecture (Regularly scheduled academic course) (LEC)
Grading Basis: A-D(+/-)/Fi (G11)

Is this course part of the University Honors Program? No

Are you proposing this course for KU Core? No

Typically Offered: Not Typically Offered
Repeatable for credit? No

Principal Course Designator
Course Designator: H - Humanities

Are you proposing that the course count towards the CLAS BA degree specific requirements?

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

Rationale for Course Proposal

Justification for this request: We do not have faculty who can teach this course, and the SLLC has asked us to retire all courses in languages we do not offer.

Course Reviewer Comments

May 2017
**Program Change Request**

Date Submitted: 08/22/17 4:41 pm


Last approved: 03/22/17 2:02 pm

Last edit: 08/25/17 1:20 pm

Changes proposed by: roxie

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<td>Program Type</td>
<td>Degree/Major</td>
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<td>Department/Program</td>
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<td>Do you intend to offer a track(s)?</td>
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<td>Do you intend for this program to be offered online?</td>
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<tr>
<td>Effective Catalog</td>
<td>2018 2017–2019 2018</td>
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</table>

**First- and Second-Year Preparation**

Students in the African studies concentration should enroll in AAAS 103 and AAAS 105 in the first year and AAAS 305 in the sophomore year. Students in the African-American studies concentration should enroll in AAAS 104 and AAAS 106 in the first year and AAAS 306 in the sophomore year. Students in the Arabic and Islamic Studies concentration should enroll in AAAS 102 in the first year and AAAS 349 in the sophomore year. For the B.A. degree in all concentrations, enrollment in a second language should begin no later than the sophomore year.

For further advising, contact the main office, 9 Bailey Hall, 785-864-3054, afs@ku.edu, or Professor Clarence Lang, celang@ku.edu, 785-864-5569.

**Requirements for the B.A. or B.G.S. Major**
African Studies Concentration

Majors choosing this concentration must complete a course in each of the following areas:

African Language Proficiency (0)
Satisfied by one of the following. Required for BA only.

- AMHR 220 Intermediate Amharic II
- ARAB 220 Intermediate Arabic II
- HAIT 240 Intermediate Haitian II
- HAUS 220 Intermediate Hausa II
- KISW 220 Intermediate KiSwahili II
- WOLO 220 Intermediate Wolof II
or an approved African-related language

African Studies Core Knowledge & Skills (12)
Majors choosing this option must complete each of the following categories:

Introduction to Africa. Satisfied by the following:
- AAAS 103 Introduction to Africa 3

Introduction to African History. Satisfied by the following:
- AAAS 105 Introduction to African History 3

African Traditional Religion & Thought. Satisfied by the following:
- AAAS 300 African Traditional Religion and Thought 3

Modern African History. Satisfied by the following:
- AAAS 305 Modern Africa 3

African Studies Required Electives (15)
Select five of the following at the 300+ level: 15
- AAAS 301 Haiti: Culture and Identity
- AAAS 303 Peoples and Cultures of North Africa and the Middle East
- AAAS 320 African Studies In: ______
- AAAS 332 Introduction to African Literature
- AAAS 333 Introduction to Caribbean Literature
- AAAS/DANC/THR 334 Introduction to African Dance Theatre
- AAAS 335 Introduction to Southern African Literature
- AAAS 336 Introduction to African Literature, Honors
- AAAS 340/WGSS 330 Women in Contemporary African Literature
- AAAS 345 Popular Culture in Africa: Spiritual Thrills, Romance and Sexualities
- AAAS 349/REL 350 Islam
- AAAS/GEOG 350 Physical Geography of Africa
- AAAS/GEOG 351 Africa's Human Geographies
- AAAS 355/THR 326 African Theatre and Drama
- AAAS/LING 370 Introduction to the Languages of Africa
- AAAS/ANTH 372 Religion, Power, and Sexuality in Arab Societies
- AAAS/HA 376 West African Art
- AAAS 400 Readings in: ______
- AAAS 415 Women and Islam
- AAAS 429 Postcolonial Theatre and Drama
- AAAS/FREN 432 Francophone African Literature
- AAAS 433/ENGL 479/AAAS 520 Islamic Literature
- AAAS 434 African Women Writers
- AAAS 435 Muslim Women's Autobiography
- AAAS 445 Arab Thought and Identity
- AAAS/REL 450 Popular Culture in the Muslim World
- AAAS 460 Topics and Problems in African and African-American Studies
- AAAS 470 Language and Society in Africa
- AAAS 501 Regional History: ______
- AAAS 502 Directed Language Study: ______
- AAAS 503 Directed Language Study: ______
- AAAS 504 Directed Language Study I: ______
- AAAS 505 Directed Language Study II: ______
- AAAS 512 African and Western Cosmologies
- AAAS 520 African Studies in: ______
- AAAS 522 African and African-American Religion: ______
- AAAS 527 Popular Culture in Africa
- AAAS/REL 532 Studies in Islam
- AAAS 542 The History of Islam in Africa
- AAAS/LING 543 Language and Culture in Arabic-Speaking Communities
- AAAS 545 Unveiling the Veil
AAAS 551/GEOG 550 Environmental Issues in Africa
AAAS 552 Classical Islamic Literature
AAAS 554 Geography of African Development
AAAS 555/FMS 544 Contemporary Health Issues in Africa
AAAS/WGSS 560 African Film
AAAS/HIST/POLS 561 Race, Gender, and Post-Colonial Discourses
AAAS 565 Liberation in Southern Africa
AAAS 566 Gender, Culture, and Migration
AAAS/HIST 574 Slavery in the New World
AAAS/HA 578 Central African Art
AAAS/HIST 598 The Rise and Fall of Apartheid
AAAS/HA 676 African and African-American Studies Major – African Studies Concentration Hours & Major GPA
AAAS 600/POLS 665 Sexuality and Gender in African History
AAAS/REL 650 Politics in Africa
AAAS/REL 657 Sufism
AAAS/ANTH 663 Gender in Islam and Society
AAAS/ANTH 663 The Anthropology of Islam
AAAS 662 Gender and Politics in Africa
AAAS/HA 676 West African Art
AAAS/HA 677 African Design
AAAS 679 African Expressive Culture:_____ Introduction to Modern Africa
AAAS 680 Capstone Experience (6)

Major's capstone experience must relate to the student's elective emphasis and be so certified by the advisor.

AAAS 550 Senior Seminar in: _____ 3
AAAS 496 Field Experience 3

or

AAAS 690 Investigation and Conference 3

African and African-American Studies Major – African Studies Concentration 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 33 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 (300+) Hours**
Satisfied by a minimum of 27 hours from junior/senior courses (300+) in the major.

**Major Junior/Senior (300+) 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.

African-American Studies Concentration

**African-American Studies Core Knowledge & Skills (18)**
AAAS 104 Introduction to African-American Studies 3
AAAS 106 The Black Experience in the Americas 3
AAAS 300 African Traditional Religion and Thought 3
AAAS 306 The Black Experience in the U.S. Since Emancipation 3
AAAS 550 Senior Seminar in: _____ 1 3
AAAS 496 Field Experience 1 3

or

AAAS 690 Investigation and Conference 3

African-American Studies Required Electives (15)
Select five of the following at the 300+ level:

- AAAS 317 African American Women: Colonial Era to the Present
- AAAS 323 African-American Studies In: _____
- AAAS 330 Black Leadership
- AAAS 388 The Black Woman
- AAAS 400 Readings in: _____
- AAAS 415 Women and Islam
- AAAS 420 Intercultural Communication: The Afro-American
- AAAS 440 The Afro-American Family: A Psychological Approach
- AAAS 445 Arab Thought and Identity
- AAAS 460 Topics and Problems in African and African-American Studies
- AAAS 501 Regional History: _____
- AAAS 502 Directed Language Study: _____
- AAAS 503 Directed Language Study: _____
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<tr>
<td>AAAS 505</td>
<td>Directed Language Study II: _____</td>
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<tr>
<td>AAAS 510</td>
<td>Global Ethnic and Racial Relations</td>
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<tr>
<td>AAAS 511</td>
<td>The Civil Rights Movement</td>
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<tr>
<td>AAAS 512</td>
<td>African and Western Cosmologies</td>
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<td>AAAS 522</td>
<td>African and African-American Religion: _____</td>
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<td>AAAS 523</td>
<td>African-American Studies in: _____</td>
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<td>AAAS 525</td>
<td>Social History of Black Aging in America</td>
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<td>AAAS 534</td>
<td>The Rhetoric of Black Americans</td>
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<td>AAAS 584</td>
<td>Black American Literature</td>
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<td>AAAS 585</td>
<td>Race and the American Theatre</td>
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<td>AAAS 611</td>
<td>History of the Black Power Movement</td>
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<tr>
<td>AAAS 630</td>
<td>The Life and Intellectual Thought of W.E.B. Du Bois</td>
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<tr>
<td>AAAS 650</td>
<td>Sufism</td>
<td></td>
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</tbody>
</table>

*AAAS 496, AAAS 550, and AAAS 690 may not be taken until AAAS 300, AAAS 305, and AAAS 306 (as appropriate) have been passed, subject to other stipulations in the catalog.

B.A. majors with a Haitian emphasis also must take 16 hours of an African language.

### African and African-American Studies Major – African-American Studies Concentration 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 33 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 (300+) Hours**
Satisfied by a minimum of 27 hours from junior/senior courses (300+) in the major.

**Major Junior/Senior (300+) 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.

### African and African-American Studies Concentration

African and African-American Studies Core Knowledge & Skills (21)

- **AAAS 103** Introduction to Africa 3
- **AAAS 105** Introduction to African History 3
- **AAAS 106** The Black Experience in the Americas 3
- **AAAS 300** African Traditional Religion and Thought 3
- **AAAS 305** Modern Africa 3
- **AAAS 306** The Black Experience in the U.S. Since Emancipation 3
- **AAAS 550** Senior Seminar in: _____ 3
- **AAAS 496** Field Experience 3

or **AAAS 690** Investigation and Conference 3

African and African-American Studies Required Electives (15)

Select five of the following at the 300+ level: 15

- **AAAS 302** Contemporary Haiti 3
- **AAAS 303** Peoples and Cultures of North Africa and the Middle East 3
- **AAAS 317** African American Women: Colonial Era to the Present 3
- **AAAS 320** Haitian Culture and Identity 3
- **AAAS 323** African Studies In: _____ 3
- **AAAS 330** African-American Studies In: _____ 3
- **AAAS 332** Black Leadership 3
- **AAAS 333** Introduction to African Literature 3
- **AAAS 334** Introduction to Caribbean Literature 3
- **AAAS 335** Introduction to African Dance Theatre 3
- **AAAS 336** Introduction to African Literature, Honors 3
- **AAAS 340** Women in Contemporary African Literature 3
- **AAAS 345** Popular Culture in Africa: Spiritual Thrills, Romance and Sexualities 3
- **AAAS 349** Islam 3
- **AAAS 350** Physical Geography of Africa 3
- **AAAS 351** Africa's Human Geographies 3
- **AAAS 355** African Theatre and Drama 3
- **AAAS 370** Introduction to the Languages of Africa 3
- **AAAS 372** Religion, Power, and Sexuality in Arab Societies 3
While completing all required courses, majors must also meet each of the following hour and grade-point average minimum standards:

**Major Hours**
Satisfied by 39 hours of major courses.

**Major Hours in Residence**


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

**Major Junior/Senior (300+) Hours**
Satisfied by a minimum of 30 hours from junior/senior courses (300+) in the major.

**Major Junior/Senior (300+) 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.

### Arabic and Islamic Studies Concentration

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>AAAS 102</td>
<td>Arabic and Islamic Studies</td>
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<tr>
<td>AAAS 349/REL 350</td>
<td>Islamic Literature</td>
<td>3</td>
</tr>
<tr>
<td>AAAS 433</td>
<td>Language and Culture in Arabic-Speaking Communities</td>
<td>3</td>
</tr>
<tr>
<td>AAAS 543</td>
<td>Senior Seminar in: _____</td>
<td>3</td>
</tr>
<tr>
<td>AAAS 496</td>
<td>Field Experience</td>
<td>3</td>
</tr>
<tr>
<td>or AAAS 690</td>
<td>Investigation and Conference</td>
<td></td>
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</tbody>
</table>

Select five courses numbered above 300, including, but not limited to the following: 15

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<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>AAAS 320</td>
<td>African Studies In: _____</td>
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<tr>
<td>AAAS/ANTH 303</td>
<td>Peoples and Cultures of North Africa and the Middle East</td>
<td>3</td>
</tr>
<tr>
<td>AAAS/ANTH 372</td>
<td>Religion, Power, and Sexuality in Arab Societies</td>
<td>3</td>
</tr>
<tr>
<td>AAAS 415</td>
<td>Women and Islam</td>
<td>3</td>
</tr>
<tr>
<td>AAAS 432</td>
<td>Francophone African Literature</td>
<td>3</td>
</tr>
<tr>
<td>AAAS 435</td>
<td>Muslim Women's Autobiography</td>
<td>3</td>
</tr>
<tr>
<td>AAAS 445</td>
<td>Arab Thought and Identity</td>
<td>3</td>
</tr>
<tr>
<td>AAAS/REL 450</td>
<td>Popular Culture in the Muslim World</td>
<td></td>
</tr>
<tr>
<td>AAAS 504</td>
<td>Directed Language Study I: _____</td>
<td></td>
</tr>
<tr>
<td>AAAS 505</td>
<td>Directed Language Study II: _____</td>
<td></td>
</tr>
<tr>
<td>AAAS 542</td>
<td>The History of Islam in Africa</td>
<td></td>
</tr>
<tr>
<td>AAAS 545</td>
<td>Unveiling the Veil</td>
<td></td>
</tr>
<tr>
<td>AAAS 552</td>
<td>Classical Islamic Literature</td>
<td></td>
</tr>
<tr>
<td>AAAS/REL 650</td>
<td>Sufism</td>
<td></td>
</tr>
<tr>
<td>AAAS/REL 657</td>
<td>Gender in Islam and Society</td>
<td></td>
</tr>
<tr>
<td>AAAS/ANTH 663</td>
<td>The Anthropology of Islam</td>
<td></td>
</tr>
</tbody>
</table>

B.A. majors in this concentration also must take 16 hours of an African language (Amharic, Arabic, Hausa, Kiswahili, or Wolof).

### Fields of Emphasis

In each concentration, at least 3 elective courses and AAAS 496 and AAAS 690 must relate to the student’s emphasis and be so certified by the advisor. Examples are arts and culture; language and linguistics; social, political and economic development; women; Africa and the Diaspora, Caribbean and Haitian studies. The department keeps a list of fields and courses appropriate to them.

**Note:** Consult the major advisor during pre-enrollment advising each semester. Prospective majors should consult the department as early as possible. The department may require a student to take and pass a preparatory course not already taken before enrolling for a given elective. The department has guidelines for substitutions at all levels, pre-major and major. Each substitution must be approved.

### African and African-American Studies Major – Arabic and Islamic Studies Concentration

#### 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 33 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 (300+) Hours**
Satisfied by a minimum of 30 hours from junior/senior courses (300+) in the major.

**Major Junior/Senior (300+) 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.

**Note:** Consult the major advisor during pre-enrollment advising each semester. Prospective majors should consult the department as early as possible. The department may require a student to take and pass a preparatory course not already taken before enrolling for a given elective. The department has guidelines for substitutions at all levels, premajor and major. Each substitution must be approved.

### Fieldwork

Field experience is a junior/senior option for majors. Fieldwork may be done anywhere in the U.S. or abroad. Careful arrangements must be made long in advance. Consult the department a full semester before enrollment.

### Double Majors
African and African-American studies majors are encouraged to take a second major in a related or compatible field. Because the major is interdisciplinary, a second major is relatively easy to achieve in the usual period of undergraduate study.

<table>
<thead>
<tr>
<th>Rationale for proposal</th>
<th>course no longer exists.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additional Information</td>
<td></td>
</tr>
<tr>
<td>Supporting Documents</td>
<td></td>
</tr>
<tr>
<td>Program Reviewer Comments</td>
<td></td>
</tr>
</tbody>
</table>
Program Change Request

Date Submitted: 08/14/17 1:43 pm

Viewing: PSYC-BS : Behavioral Neuroscience, B.S.

Last approved: 05/22/17 9:29 am

Last edit: 08/14/17 1:55 pm

Changes proposed by: s364h085

Catalog Pages
Using this Program

Bachelor of Science in Behavioral Neuroscience

Academic Career Undergraduate, Lawrence
Program Type Degree/Major
Department/Program Psychology
School/College College of Lib Arts & Sciences
Degree Code Bachelor of Science - BS

Consulting
School(s)/College(s)
Consulting Department(s)

CIP Code 420101

Program Name Behavioral Neuroscience, B.S.

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

Requirements for the B.S. Degree

B.S. in Behavioral Neuroscience
Humanities (24 hrs.)

Written Communication - Core Skill and Critical Inquiry
Composition (0)
Satisfied by one of the following. Requirement must be completed during initial term of admission at KU.

ENGL 101 Composition
ACT English score of 27 or above or SAT English score of 600 or above
AP English Literature & Composition score of 3 or above
Equivalent transfer course

Critical Reading and Writing (0)
Satisfied by one of the following. Requirement must be completed within the first academic year at KU.

ENGL 102 Critical Reading and Writing
ENGL 105 Freshman Honors English
AP English Literature & Composition score of 4 or above
Equivalent transfer course

Sophomore Reading and Writing II (0)
Satisfied by one of the following:

ENGL 203 Topics in Reading and Writing: _____
ENGL 205 Freshman-Sophomore Honors Proseminar: _____
ENGL 210 Introduction to Fiction
ENGL 211 Introduction to the Drama
AP English Literature & Composition score of 5 or above
Equivalent transfer course

Argument and Reason
Satisfied by one of the following: 3

COMS 130 Speaker-Audience Communication
PHIL 148 Reason and Argument
Equivalent course

Western Civilization - Exploration of One's Own and Diverse Cultures
Advising Alert: Requires sophomore-level standing. Courses at other universities may have the same title but may not meet this requirement.
Satisfied by:

HUM 204 Western Civilization I 3
or HUM 114 Western Civilization I Honors
HUM 205 Western Civilization II 3
or HUM 115 Western Civilization II Honors

Humanities - Understanding the Human Condition
Satisfied by completing 2 courses (6 hrs.) in any of the following categories: historical studies (requirement code HT), literature and the arts (requirement code HL), philosophy and religion (requirement code HR) and humanities (requirement code H). Approved courses may be searched for availability through the Kyou portal.

Natural Science (14 hrs. minimum)
Satisfied by completing 2 of the following 4 sequences AND an extension of 1 sequence (1 additional advanced course), or an approved alternative (14 hrs. minimum).

Biology:
BIOL 150 Principles of Molecular and Cellular Biology
& BIOL 152 and Principles of Organismal Biology

Chemistry:
CHEM 130 General Chemistry I
& CHEM 135 and General Chemistry II

Physics:
PHSX 114 College Physics I
& PHSX 115 and College Physics II

Biological Anthropology:
ANTH 104 Fundamentals of Biological Anthropology
or ANTH 345 Introduction to Human Evolutionary Biology
ANTH 340 Human Variation and Evolution
or ANTH 341 Human Evolution
or ANTH 350 Human Adaptation
or ANTH 442 Anthropological Genetics
or ANTH 447 Human Behavioral Genetics

Mathematics (14 hrs. minimum)
Satisfied by completing a total of 4 mathematics courses totaling at least 14 hours, of which at least 6 hours must be calculus or calculus based. The 8 hours 14 of calculus can be satisfied by taking at least one calculus I course (MATH 115 or 125) and one calculus II course (MATH 116 or 126). The remaining four to six hours of mathematics can be satisfied by taking a minimum of two additional math courses at any level (excluding MATH 002).

Computing (6 hrs. minimum)
Satisfied by:

EECS 138 Introduction to Computing: _____
An additional course

The second 3 hours could either be a second semester of **EECS 138** (focused on a second programming language) or be from an additional approved course that provides an opportunity to gain computing experience. This second course could be **PSYC 480** or **PSYC 481** if this Independent Study requires independent, original application of the student’s computing skills such as computer simulation of cognitive processes, or experience with computationally complex neuroscience techniques, such as brain imaging and mapping, or physiological data collection and analysis. (3)

The second 3 hours could either be a second semester of **EECS 138** (focused on a second programming language) or be from an additional approved course that provides an opportunity to gain computing experience. This second course could be **PSYC 480** or **PSYC 481** if this Independent Study requires independent, original application of the student’s computing skills such as computer simulation of cognitive processes, or experience with computationally complex neuroscience techniques, such as brain imaging and mapping, or physiological data collection and analysis.

**Behavioral Neuroscience Major Course Requirements**

**Behavioral Neuroscience Prerequisite or Co-Requisite Knowledge (10)**

Majors must complete courses as specified in each of the following areas. These hours do not contribute to the minimum number of hours required for the major.

Orientation Seminar in Psychology. Satisfied by:
- **PSYC 102** Orientation Seminar in Psychology

General Psychology. Satisfied by:
- **PSYC 104** General Psychology
- **PSYC 105** General Psychology, Honors

College Algebra or Pre-Calculus. Satisfied by:
- **MATH 101** College Algebra (or equivalent)
- **MATH 104** Precalculus Mathematics

Introductory Biology Course. Satisfied by:
- **BIOL 100** Principles of Biology
- **BIOL 150** Principles of Molecular and Cellular Biology

**Behavioral Neuroscience Core Knowledge and Skills (28)**

Majors must complete coursework in each of the following 4 areas:

Behavioral Neuroscience Courses (6 hours minimum). Satisfied by one of the following:
- **PSYC 370** Behavioral Neuroscience
- **PSYC 371** Behavior Neuroscience, Honors
- **PSYC 375** Cognitive Neuroscience
- **PSYC 380** Clinical Neuroscience
- **PSYC 381** Clinical Neuroscience, Honors

Laboratory Courses (9 hours minimum). Satisfied by the following:
- **PSYC 200** Research Methods in Psychology
- **PSYC 201** Research Methods in Psychology, Honors
- **PSYC 625** Experimental Psychology: Methods in Psychophysiology and Neuroscience

Quantitative Courses (9 hours minimum). Satisfied by one of the following:
- **PSYC 210** Statistics in Psychological Research
- **PSYC 211** Statistics in Psychological Research, Honors
- **PSYC 500** Intermediate Statistics in Psychological Research
- **PSYC 650** Statistical Methods in Behavioral and Social Science Research I
- **PSYC 651** Anova and Other Factorial Designs
- **PSYC 679** Applied Nonparametric Statistical Methods
- **PSYC 688** Factor Analysis
- **PSYC 692** Test Theory
- **PSYC 693** Multivariate Analysis
- **PSYC 694** Multilevel Modeling I
- **PSYC 695** Categorical Data Analysis
- **PSYC 696** Structural Equation Modeling I

Applied Research Experience (4 hours minimum). Satisfied by one of the following:
- **PSYC 449** Laboratory/Field Work in Human Biology
- **PSYC 460** Honors in Psychology
- **PSYC 480** Independent Study
- **PSYC 481** Research Practicum

**Elective Courses in Psychology or Other Disciplines (12)**

Majors must complete 12 hours minimum (other electives may be accepted with permission of the B.S. director) Satisfied by:
- **PSYC 418** Introduction to Cognitive Science
- **PSYC 318** Cognitive Psychology
- **PSYC 432** Human Behavioral Genetics
- **PSYC 482** Sensation and Perception
- **PSYC 535** Developmental Psychopathology
- **PSYC 555** Evolutionary Psychology
- **PSYC 605** Health Psychology
- **PSYC 630** Clinical Psychology
- **PSYC 644** Behavioral Pharmacology
- **PSYC 646** Mental Health and Aging
Program Change Request

Date Submitted: 07/28/17 2:07 pm

Viewing: **BIOL-BS : Biochemistry, B.S.**

Last approved: 03/06/17 11:57 am
Last edit: 07/28/17 2:07 pm
Changes proposed by: dgarens

**Catalog Pages**
*Using this Program*

**Academic Career**  Undergraduate, Lawrence

**Program Type**  Degree/Major

**Department/Program**  Biology

**School/College**  College of Lib Arts & Sciences

**Degree Code**  Bachelor of Science - BS

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

**Consulting Department(s)**
- Molecular Biosciences

**CIP Code**  260202

**Program Name**  Biochemistry, B.S.

**Do you intend to offer a track(s)?**

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

**Effective Catalog**
- 2018
- 2017–2019
- 2016

---

**Program Description**

**Degree Requirements**

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1 of 3 9/6/17, 1:47 PM
Majors and Concentrations

Bachelor's degree requirements in biology are modified as necessary. Current requirements are available in the UBP office and online. Major programs are offered in biochemistry, biology, human biology, and microbiology. Students may choose to concentrate in a range of specialties in the biological sciences, such as botany, cellular biology, developmental biology, environmental biology, ecology, entomology, genetics, marine biology, molecular biology, neurobiology, paleontology, physiology, systematics, or zoology (invertebrate or vertebrate).

Requirements for the B.S. Degree in Biochemistry

**General Education Requirements**

In addition to degree and major requirements, all students must complete the KU Core.

General Science Requirements (37-38)

Majors must complete the following general science requirements that serve as foundational courses for this major.

**Biology Orientation Seminar. Satisfied by:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 105</td>
<td>Biology Orientation Seminar</td>
<td>1</td>
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</table>

**Chemistry I. Satisfied by one of the following:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit</th>
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</thead>
<tbody>
<tr>
<td>CHEM 170</td>
<td>Chemistry for the Chemical Sciences I</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 130</td>
<td>General Chemistry I</td>
<td></td>
</tr>
<tr>
<td>CHEM 190</td>
<td>Foundations of Chemistry I, Honors</td>
<td></td>
</tr>
</tbody>
</table>

**Chemistry II. Satisfied by one of the following:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 175</td>
<td>Chemistry for the Chemical Sciences II</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 135</td>
<td>General Chemistry II</td>
<td></td>
</tr>
<tr>
<td>CHEM 195</td>
<td>Foundations of Chemistry II, Honors</td>
<td></td>
</tr>
</tbody>
</table>

**Organic Chemistry I. Satisfied by one of the following:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 330</td>
<td>Organic Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 380</td>
<td>Organic Chemistry I, Honors</td>
<td></td>
</tr>
</tbody>
</table>

**Organic Chemistry I Laboratory. Satisfied by:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 331</td>
<td>Organic Chemistry I Laboratory</td>
<td>2</td>
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</table>

**Organic Chemistry II. Satisfied by one of the following:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit</th>
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</thead>
<tbody>
<tr>
<td>CHEM 335</td>
<td>Organic Chemistry II</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 385</td>
<td>Organic Chemistry II, Honors</td>
<td></td>
</tr>
</tbody>
</table>

**Organic Chemistry II Laboratory. Satisfied by:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 336</td>
<td>Organic Chemistry II Laboratory</td>
<td>2</td>
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</table>

**Calculus I & II. Satisfied by:**

<table>
<thead>
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<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 125</td>
<td>Calculus I</td>
<td>8</td>
</tr>
<tr>
<td>&amp; MATH 126</td>
<td>and Calculus II</td>
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</table>

**Physics. Satisfied by one of the following options:**

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<thead>
<tr>
<th>Option 1:</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHSX 211 &amp; PHSX 216</td>
<td>General Physics I and General Physics I Laboratory</td>
<td>8-9</td>
</tr>
<tr>
<td>PHSX 212 &amp; PHSX 236</td>
<td>General Physics II and General Physics II Laboratory</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Option 2:</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHSX 114 &amp; PHSX 115</td>
<td>College Physics I and College Physics II</td>
<td></td>
</tr>
</tbody>
</table>

**Biochemistry Course Requirements (35)**

Satisfied by completing 35 hours from courses below.

**Principles of Molecular and Cellular Biology. Satisfied by one of the following:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 150</td>
<td>Principles of Molecular and Cellular Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 151</td>
<td>Principles of Molecular and Cellular Biology, Honors</td>
<td></td>
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</tbody>
</table>

**Principles of Organismal Biology. Satisfied by one of the following:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 152</td>
<td>Principles of Organismal Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 153</td>
<td>Principles of Organismal Biology, Honors</td>
<td></td>
</tr>
</tbody>
</table>

**Principles of Genetics. Satisfied by one of the following:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 350</td>
<td>Principles of Genetics</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 360</td>
<td>Principles of Genetics, Honors</td>
<td></td>
</tr>
</tbody>
</table>

**Cell Structure and Function. Satisfied by:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 416</td>
<td>Cell Structure and Function</td>
<td>3</td>
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</tbody>
</table>

**Biochemistry I. Satisfied by:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 636</td>
<td>Biochemistry I</td>
<td>4</td>
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</tbody>
</table>

**Introductory Biochemistry Laboratory. Satisfied by:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 637</td>
<td>Introductory Biochemistry Laboratory</td>
<td>2</td>
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</table>

**Biochemistry II. Satisfied by:**

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 638</td>
<td>Biochemistry II</td>
<td>3</td>
</tr>
</tbody>
</table>
Advanced Biochemistry Laboratory, Satisfied by:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 638</td>
<td>Advanced Biochemistry Laboratory</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Senior Seminar in Biochemistry, Satisfied by:</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 599</td>
<td>Senior Seminar: _____ (Must be taken in senior year)</td>
<td></td>
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</table>

Analytical Chemistry, Satisfied by:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 620</td>
<td>Analytical Chemistry</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
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</tbody>
</table>

Analytical Chemistry Laboratory. Satisfied by:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 624</td>
<td>Analytical Chemistry-Laboratory</td>
<td>2</td>
</tr>
<tr>
<td></td>
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<td></td>
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</tbody>
</table>

Physical Chemistry. Satisfied by one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 510</td>
<td>Biological Physical Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 530</td>
<td>Physical Chemistry I</td>
<td></td>
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</tbody>
</table>

Biochemistry Required Electives (12)

Satisfied by completing 12 hours of BIOL courses numbered 400 or higher, which must be selected in consultation with a Biochemistry advisor. No more than 3 hours of BIOL 423 Non-Lab Independent Study and/or BIOL 424 Independent Study (combined) can be applied towards the elective requirement.

**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 47 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.

---

**Rationale for proposal**

Changes to Analytical Chemistry Course numbering

**Additional Information**

**Supporting Documents**

**Program Reviewer**

Rachel Schwien (rschwien) (09/18/17 10:21 am): Holding for submission of additional changes due to CHEM number change

**Key:** 165
Program Change Request

Date Submitted: 06/22/17 10:49 am

Viewing: BIOL-BAS : Biotechnology, B.A.S.

Last approved: 01/03/17 1:03 pm

Last edit: 06/23/17 8:57 am

Changes proposed by: gburg

Catalog Pages Using this Program

Bachelor of Applied Science in Biotechnology

Academic Career Undergraduate, Lawrence
Program Type Degree/Major
Department/Program Biology
School/College College of Lib Arts & Sciences
Degree Code Bachelor of Applied Science - BAS

Consulting School(s)/College(s)
Consulting Department(s)
CIP Code 261201
Program Name Biotechnology, B.A.S.
Do you intend to offer a track(s)?
No
Do you intend for this program to be offered online?
No


Program Description

Degree Requirements

Requirements for the Bachelor of Applied Science Degree in Biotechnology

General Education Requirements

In addition to degree and major requirements for all plans and subplans, all students must complete the KU Core.

General Science Requirements
CHEM 130 & CHEM 135
- General Chemistry I
- and General Chemistry II
CHEM 330
- Organic Chemistry I
CHEM 331
- Organic Chemistry I Laboratory
PHSX 114
- College Physics I
BIOL 150
- Principles of Molecular and Cellular Biology
or BIOL 151
- Principles of Molecular and Cellular Biology, Honors
BIOL 152
- Principles of Organismal Biology
or BIOL 153
- Principles of Organismal Biology, Honors
BIOL 350
- Principles of Genetics
BIOL 600
- Introductory Biochemistry, Lectures

Biology Electives pick one of the following:
- BIOL 416
  - Cell Structure and Function
- BIOL 435
  - Introduction to Neurobiology
- BIOL 490
  - Biology and Diversity of Parasites
- BIOL 506
  - Bacterial Infectious Diseases
- BIOL 512
  - General Virology
- BIOL 516
  - Microbial Physiology
- BIOL 560
  - Histology
- BIOL 646
  - Mammalian Physiology
- BIOL 667
  - Chemical Communication in Sex, Feeding, and Fighting
- BIOL 672
  - Gene Expression

Bachelor of Applied Science Core Curriculum
- MATH 365
  - Elementary Statistics
or BIOL 570
  - Introduction to Biostatistics
- MGMT 305
  - Survey of Management and Leadership
or PUAD 607
  - Introduction to Project Management
- BTEC 310
  - Scientific Communications
or COMS 310
  - Introduction to Organizational Communication
or COMS 330
  - Effective Business Communication

Biotechnology Requirements.
- BTEC 300
  - Introduction to Biotechnology
- BTEC 305
  - Molecular and Microbiological Techniques
- BTEC 400
  - Applied Immunology
- BTEC 475
  - Applied Separation Science and Quantitative Analysis
- BTEC 494
  - Selected Topics in Biotechnology
- BTEC 501
  - Biotechnology Ethics and Responsible Conduct of Research
- BTEC 540
  - Biotechnology Capstone I
- BTEC 550
  - Applied Bioinformatics
- BTEC 599
  - Biotechnology Internship
- BTEC 630
  - Biotechnology, Regulation, Quality Control, and Quality Assurance
- BTEC 640
  - Biotechnology Capstone II

BTEC or BIOL Jr/Sr electives

### 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 45 hours of major courses.

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

**Major Junior/Senior Hours**
- Satisfied by a minimum of 41 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.

The change from 41 to 45 Major and Major Jr/Sr hours is due to changes in credit hours of BTEC 475. Updating the Major and Major Jr/Sr hours was not done when the change to BTEC 475 was submitted.

We want to include COMS 330 as an option along with BTEC 310 or COMS 310 but I could not figure out how to add COMS 330 to the current run of options. The number of credit hours of BTEC 475 will change from 2 to 6. This change has been submitted.
### Program Change Request

**Date Submitted:** 04/19/17 9:04 am  
**Viewing:** CHEM-BA: Chemistry, B.A.  
**Last approved:** 03/06/17 11:59 am  
**Last edit:** 07/31/17 10:58 am  
**Changes proposed by:** dgarens

<table>
<thead>
<tr>
<th>Catalog Pages</th>
<th>Bachelor of Arts in Chemistry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Using this Program</td>
<td></td>
</tr>
</tbody>
</table>

| Academic Career | Undergraduate, Lawrence |
| Program Type     | Degree/Major              |
| Department/Program | Chemistry                 |
| School/College   | College of Lib Arts & Sciences |
| Degree Code      | Bachelor of Arts - BA     |

**Consulting School(s)/College(s):**

<table>
<thead>
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<th>Consulting Department(s)</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>CIP Code</td>
<td>400501</td>
</tr>
</tbody>
</table>

**Program Name:** Chemistry, B.A.

**Do you intend to offer a track(s)?** No

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

**Effective Catalog:** 2018 2017-2019 2018

---

**Program Description**
Degrees

Requirements

Chemistry Programs

The B.A. degree is for the student who wants to understand the fundamental principles of chemistry and to study a number of other fields. The B.S. degree prepares students for graduate school and professional careers. Both are based on a high school background that includes at least 1½ years of algebra and 1 year of geometry. High school courses in chemistry and physics are desirable but are not required. Many chemistry majors are preparing for medical school or for graduate study in chemistry and related fields. For graduate school, the common body of knowledge in the B.A. program is the minimum prerequisite. For premedical students, much of the knowledge will be important in their careers. Even more important, however, is the training in logical thinking, drawing conclusions from experimental observations, and digesting and understanding scientific information.

First- and Second-Year Preparation

Because study in chemistry requires preparation in mathematics and physics as well as a structured series of courses in chemistry, students should begin meeting major requirements in the first year. Students planning to major in chemistry should consult a chemistry department major advisor during their first semester to develop a 4-year plan for degree completion. It is particularly important to take CHEM 170 (or CHEM 130 or CHEM 190) and CHEM 175 (or CHEM 135 or CHEM 195) in the first year and CHEM 330 (or CHEM 380) and CHEM 331 in the second year. For those seeking a B.A. degree, it is also important to complete two semesters of calculus and two semesters of physics during the first two years. Minimum requirements in these subject areas for the B.A. degree are MATH 115, MATH 116, PHSX 114, PHSX 115.

Requirements for the B.A. Major

In addition to the common College requirements for the B.A., a minimum of 29 hours in chemistry (including 5 hours each of analytical, organic, and physical chemistry lecture and laboratory) and one year each of calculus and physics (prerequisites for physical chemistry) are required. These courses fulfill the requirements:

Chemistry Courses (40)

Select one of the following: 5
CHEM 170 Chemistry for the Chemical Sciences I
CHEM 130 General Chemistry I
CHEM 190 Foundations of Chemistry I, Honors

Select one of the following: 5
CHEM 175 Chemistry for the Chemical Sciences II
CHEM 135 General Chemistry II
CHEM 195 Foundations of Chemistry II, Honors
CHEM 180 Seminar I
CHEM 201 Laboratory Safety in the Chemical Sciences

Select one of the following: 3
CHEM 330 Organic Chemistry I
or CHEM 380 Organic Chemistry I, Honors
CHEM 331 Organic Chemistry I Laboratory

Select one of the following: 5
CHEM 335 Organic Chemistry II
or CHEM 385 Organic Chemistry II, Honors
CHEM 336 Organic Chemistry II Laboratory

Select one of the following: (CHEM 520 recommended) 5
CHEM 520 Biological Physical Chemistry with Laboratory
CHEM 530 Physical Chemistry I
& CHEM 535 and Physical Chemistry II
& CHEM 537 and Physical Chemistry Laboratory
CHEM 620 Analytical Chemistry
CHEM 621 Analytical Chemistry Laboratory
CHEM 400 Analytical Chemistry
CHEM 401 Analytical Chemistry Laboratory
CHEM 695 Seminar II

Select one of the following: (Fulfills KU Core Goal 6) 3
CHEM 636 Instrumental Methods of Analysis Laboratory
or CHEM 698 Undergraduate Research Problems
or CHEM 699 Undergraduate Honors Research

Mathematics and Physics (14-20)

Mathematics: (choose one of the following (MATH 115 & MATH 116 recommended))
MATH 115
& MATH 116

MATH 125
& MATH 126
& MATH 127

Physics: (Choose one of the following (PHSX 114 & PHSX 115 recommended))
Chemistry Programs

The B.S. degree prepares students for graduate school and professional careers. The B.A. degree is for the student who wants to understand the fundamental principles of chemistry and to study a number of other fields. Both are based on a high school background that includes at least 1½ years of algebra and 1 year of geometry. High school courses in chemistry and physics are desirable but are not required. Many chemistry majors are preparing for medical school or for
graduate study in chemistry and related fields. For graduate school, the common body of knowledge in the B.A. program is the minimum prerequisite. For premedical students, much of the knowledge will be important in their careers. Even more important, however, is the training in logical thinking, drawing conclusions from experimental observations, and digesting and understanding scientific information.

First- and Second-Year Preparation

Because study in chemistry requires preparation in mathematics and physics as well as a structured series of courses in chemistry, students should begin meeting major requirements in the first year. Students planning to major in chemistry should consult a chemistry department major advisor during their first semester to develop a 4-year plan for degree completion. It is particularly important to take CHEM 170 (or CHEM 130 or CHEM 190) and CHEM 175 (or CHEM 135 or CHEM 195) in the first year and CHEM 201, CHEM 330 (or CHEM 380) and CHEM 331 in the second year. For those seeking a B.S. degree it is also important to complete CHEM 335 (or CHEM 385) and CHEM 336 in the second year as well as their mathematics preparation (MATH 125, 126, 127 and CHEM 250) and physics preparation (PHSX 211 & PHSX 216, and PHSX 212 & PHSX 236) in the first 2 years.

Requirements for the B.S. Degree

### General Education Requirements

All students must complete the KU Core.

Chemistry Prerequisite or Co-requisite Knowledge (27-28)

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

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calculus I Satisfied by one of the following:</td>
<td>Calculus I, Honors</td>
</tr>
<tr>
<td>MATH 125</td>
<td>Calculus I</td>
</tr>
<tr>
<td>or MATH 145</td>
<td>Calculus I, Honors</td>
</tr>
<tr>
<td>Calculus II Satisfied by one of the following:</td>
<td>Calculus II, Honors</td>
</tr>
<tr>
<td>MATH 126</td>
<td>Calculus II</td>
</tr>
<tr>
<td>or MATH 146</td>
<td>Calculus II, Honors</td>
</tr>
<tr>
<td>Calculus III Satisfied by one of the following:</td>
<td>Calculus III, Honors</td>
</tr>
<tr>
<td>MATH 127</td>
<td>Calculus III</td>
</tr>
<tr>
<td>or MATH 147</td>
<td>Calculus III, Honors</td>
</tr>
</tbody>
</table>

Mathematical Methods for the Chemical Sciences. Satisfied by:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 250 Mathematical Methods for the Chemical Sciences</td>
<td></td>
</tr>
<tr>
<td>General Physics I. Satisfied by one of the following:</td>
<td>General Physics I, Honors</td>
</tr>
<tr>
<td>PHSX 211</td>
<td>General Physics I Laboratory</td>
</tr>
<tr>
<td>&amp; PHSX 216</td>
<td>General Physics I, Honors</td>
</tr>
<tr>
<td>PHSX 213</td>
<td></td>
</tr>
</tbody>
</table>

General Physics II. Satisfied by one of the following:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHSX 212</td>
<td>General Physics II, Honors</td>
</tr>
<tr>
<td>&amp; PHSX 236</td>
<td>General Physics II Laboratory</td>
</tr>
</tbody>
</table>

Biochemistry. Satisfied by one of the following:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 600 Introductory Biochemistry, Lectures</td>
<td></td>
</tr>
<tr>
<td>BIOL 636</td>
<td></td>
</tr>
</tbody>
</table>

Chemistry Core Knowledge and Skills (47)

Majors must complete courses as indicated in the following areas:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry for the Chemical Sciences I. Satisfied by one of the following:</td>
<td></td>
</tr>
<tr>
<td>CHEM 170</td>
<td>Chemistry for the Chemical Sciences I</td>
</tr>
<tr>
<td>CHEM 130</td>
<td>General Chemistry I</td>
</tr>
<tr>
<td>CHEM 190</td>
<td>Foundations of Chemistry I, Honors</td>
</tr>
<tr>
<td>Chemistry for the Chemical Sciences II. Satisfied by one of the following:</td>
<td></td>
</tr>
<tr>
<td>CHEM 175</td>
<td>Chemistry for the Chemical Sciences II</td>
</tr>
<tr>
<td>CHEM 135</td>
<td>General Chemistry II</td>
</tr>
<tr>
<td>CHEM 195</td>
<td>Foundations of Chemistry II, Honors</td>
</tr>
<tr>
<td>Seminar I. Satisfied by:</td>
<td>Seminar I</td>
</tr>
<tr>
<td>CHEM 180</td>
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</tbody>
</table>

Laboratory Safety in the Chemical Sciences. Satisfied by:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 201</td>
<td>Laboratory Safety in the Chemical Sciences</td>
</tr>
</tbody>
</table>

Organic Chemistry I (Lecture and Lab). Satisfied by:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 330</td>
<td>Organic Chemistry I</td>
</tr>
<tr>
<td>or CHEM 380</td>
<td>Organic Chemistry I, Honors</td>
</tr>
<tr>
<td>CHEM 331</td>
<td>Organic Chemistry I Laboratory</td>
</tr>
</tbody>
</table>

Organic Chemistry II (Lecture and Lab). Satisfied by:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 335</td>
<td>Organic Chemistry II</td>
</tr>
<tr>
<td>or CHEM 385</td>
<td>Organic Chemistry II, Honors</td>
</tr>
<tr>
<td>CHEM 336</td>
<td>Organic Chemistry II Laboratory</td>
</tr>
</tbody>
</table>

Analytical Chemistry (Lecture and Lab). Satisfied by:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 340</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 345</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 346</td>
<td></td>
</tr>
</tbody>
</table>
CHEM 620 & CHEM 621
Analytical Chemistry and Analytical Chemistry Laboratory

CHEM 400 & CHEM 401
Analytical Chemistry and Analytical Chemistry Laboratory

Physical Chemistry I Satisfied by:
CHEM 530
Physical Chemistry I

Physical Chemistry II (Lecture and Lab). Satisfied by:
CHEM 535 & CHEM 537
Physical Chemistry II and Physical Chemistry Laboratory

Instrumental Methods of Analysis, Satisfied by:
CHEM 635
Instrumental Methods of Analysis

Systematic Inorganic Chemistry. Satisfied by:
CHEM 660
Systematic Inorganic Chemistry

Advanced Inorganic Laboratory. Satisfied by:
CHEM 661
Advanced Inorganic Laboratory

Seminar II. Satisfied by:
CHEM 695
Seminar II

Select one of the following: (Fulfills KU Core Goal 6)
CHEM 636 Instrumental Methods of Analysis Laboratory
or CHEM 698 Undergraduate Research Problems
or CHEM 699 Undergraduate Honors Research

Major Hours & Major GPA

KU Core Goal 6 is satisfied by either CHEM 636 Instrumental Methods of Analysis Laboratory, or 3 credit hours of CHEM 698 or CHEM 699. While completing all required courses, majors must also meet each of the following hour and grade-point average minimum standards:

**Major Hours**
Satisfied by 47 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 35.5 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.

Biological Chemistry Option

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

General Education Requirements

All students must complete the KU Core.
Chemistry Prerequisite or Co-requisite Knowledge (24)
Majors must complete courses as specified in each of the following areas. Majors are advised to take honors courses when eligible. These hours do not contribute to the minimum number of hours required for the major.

Calculus I. Satisfied by one of the following:
- MATH 125 Calculus I
- MATH 145 Calculus I, Honors

Calculus II. Satisfied by one of the following:
- MATH 126 Calculus II
- MATH 146 Calculus II, Honors

Calculus III. Satisfied by one of the following:
- MATH 127 Calculus III
- MATH 147 Calculus III, Honors

Mathematical Methods for the Chemical Sciences. Satisfied by:
CHEM 250 Mathematical Methods for the Chemical Sciences

General Physics I. Satisfied by one of the following:
- PHSX 211
- & PHSX 216
- PHSX 213
- General Physics I and General Physics I Laboratory
- General Physics I Honors

General Physics II. Satisfied by one of the following:
- PHSX 212
- & PHSX 236
- PHSX 214
- General Physics II and General Physics II Laboratory
- General Physics II Honors

Chemistry Core Knowledge and Skills (47)
Majors must complete courses as indicated in the following areas:

Chemistry for the Chemical Sciences I. Satisfied by one of the following:

- CHEM 170 Chemistry for the Chemical Sciences I
- CHEM 130 General Chemistry I
- CHEM 190 Foundations of Chemistry I, Honors

Chemistry for the Chemical Sciences II. Satisfied by one of the following:

- CHEM 175 Chemistry for the Chemical Sciences II
- CHEM 135 General Chemistry II
- CHEM 195 Foundations of Chemistry II, Honors

Seminar I. Satisfied by:

- CHEM 180 Seminar I

Laboratory Safety in the Chemical Sciences. Satisfied by:

- CHEM 201 Laboratory Safety in the Chemical Sciences

Organic Chemistry I (Lecture and Lab). Satisfied by:

- CHEM 330 Organic Chemistry I
- or CHEM 380 Organic Chemistry I, Honors
- CHEM 331 Organic Chemistry I Laboratory

Organic Chemistry II (Lecture and Lab). Satisfied by:

- CHEM 335 Organic Chemistry II
- or CHEM 385 Organic Chemistry II, Honors
- CHEM 336 Organic Chemistry II Laboratory

Analytical Chemistry (Lecture and Lab). Satisfied by:

- CHEM 400 Analytical Chemistry
- or CHEM 401 Analytical Chemistry Laboratory

Physical Chemistry I Satisfied by:

- CHEM 530

Physical Chemistry II (Lecture and Lab). Satisfied by:

- CHEM 535 Physical Chemistry II
- or CHEM 537 Physical Chemistry Laboratory

Instrumental Methods of Analysis Satisfied by:

- CHEM 635 Instrumental Methods of Analysis

Systematic Inorganic Chemistry. Satisfied by:

- CHEM 660 Systematic Inorganic Chemistry

Advanced Inorganic Laboratory. Satisfied by:

- CHEM 661 Advanced Inorganic Laboratory

Seminar II. Satisfied by:

- CHEM 695 Seminar II

Select one of the following: (Fulfills KU Core Goal 6)

- CHEM 696 Undergraduate Research Problems
- CHEM 699 Undergraduate Honors Research

Biological Chemistry Core Knowledge and Skills (16)

Principles of Molecular and Cellular Biology. Satisfied by:

- BIOL 150 Principles of Molecular and Cellular Biology

Biochemistry. Satisfied by:

- BIOL 636 Biochemistry I
- BIOL 638 Biochemistry II

Biochemistry Laboratory. Satisfied by:

- BIOL 637 Introductory Biochemistry Laboratory

Biological Chemistry Required Electives

Majors choosing this option should select 1 elective (3 hours) from the following:

- BIOL 350 Principles of Genetics
- BIOL 400 Fundamentals of Microbiology
- BIOL 416 Cell Structure and Function

**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 47 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 35.5 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.

Chemical Physics Option

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

**General Education Requirements**

All students must complete the KU Core.

Chemistry Prerequisite or Co-requisite Knowledge (29-30)

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

Calculus I. Satisfied by one of the following: 4
- MATH 125 Calculus I
- or MATH 145 Calculus I, Honors

Calculus II. Satisfied by one of the following: 4
- MATH 126 Calculus II
- or MATH 146 Calculus II, Honors

Calculus III. Satisfied by one of the following: 4
- MATH 127 Calculus III
- or MATH 147 Calculus III, Honors

Differential Equations. Satisfied by one of the following: 3
- MATH 220 Applied Differential Equations
- MATH 320 Elementary Differential Equations

Elementary Linear Algebra. Satisfied by: 2
- MATH 230 Elementary Linear Algebra

General Physics I. Satisfied by one of the following: 5
- PHSX 211 General Physics I
- & PHSX 216 and General Physics I Laboratory
- PHSX 213 General Physics I Honors

General Physics II. Satisfied by one of the following: 4
- PHSX 212 General Physics II
- & PHSX 236 and General Physics II Laboratory
- PHSX 214 General Physics II Honors

Biochemistry. Satisfied by one of the following: 3-4
- BIOL 600 Introductory Biochemistry, Lectures
- BIOL 636 Biochemistry I

Chemistry Core Knowledge and Skills (47)

Majors must complete courses as indicated in the following areas:

Chemistry for the Chemical Sciences I. Satisfied by one of the following: 5
- CHEM 170 Chemistry for the Chemical Sciences I
- CHEM 130 General Chemistry I
- CHEM 190 Foundations of Chemistry I, Honors

Chemistry for the Chemical Sciences II. Satisfied by one of the following: 5
- CHEM 175 Chemistry for the Chemical Sciences II
- CHEM 135 General Chemistry II
- CHEM 195 Foundations of Chemistry II, Honors

Seminar I. Satisfied by: 0.5
- CHEM 180 Seminar I

Laboratory Safety in the Chemical Sciences, Satisfied by: 1
- CHEM 201 Laboratory Safety in the Chemical Sciences

Organic Chemistry I (Lecture and Lab). Satisfied by: 5
- CHEM 330 Organic Chemistry I
- or CHEM 380 Organic Chemistry I, Honors
- CHEM 331 Organic Chemistry I Laboratory

Organic Chemistry II (Lecture and Lab). Satisfied by: 5
- CHEM 335 Organic Chemistry II
- or CHEM 385 Organic Chemistry II, Honors
- CHEM 336 Organic Chemistry II Laboratory

Analytical Chemistry (Lecture and Lab). Satisfied by: 5
- CHEM 620 Analytical Chemistry
- & CHEM 621 and Analytical Chemistry Laboratory
- CHEM 400 Analytical Chemistry
- & CHEM 401 and Analytical Chemistry Laboratory

Physical Chemistry I Satisfied by: 4
- CHEM 530 Physical Chemistry I
Physicial Chemistry II (Lecture and Lab). Satisfied by:

CHEM 536 Physical Chemistry II
& CHEM 537 and Physical Chemistry Laboratory

Instrumental Methods of Analysis Satisfied by:

CHEM 636 Instrumental Methods of Analysis

Systematic Inorganic Chemistry, Satisfied by:

CHEM 660 Systematic Inorganic Chemistry

Advanced Inorganic Laboratory, Satisfied by:

CHEM 661 Advanced Inorganic Laboratory

Seminar II. Satisfied by:

CHEM 695 Seminar II

Selected one of the following: (Fulfills KU Core Goal 6)

CHEM 636 Instrumental Methods of Analysis Laboratory
or CHEM 698 Undergraduate Research Problems
or CHEM 699 Undergraduate Honors Research

Chemical Physics Core Knowledge and Skills (12)

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

Group I

PHSX 313 General Physics III
& PHSX 316 and Intermediate Physics Laboratory I (PHSX 313 and PHSX 316 should be taken concurrently)

PHSX 518 Mathematical Physics
PHSX 521 Mechanics I
PHSX 615 Numerical and Computational Methods in Physics
PHSX 623 Physics of Fluids
PHSX 655 Optics
PHSX 681 Concepts in Solids

Group II

PHSX 531 Electricity and Magnetism
PHSX 621 Mechanics II
MATH 646 Complex Variable and Applications
MATH 647 Applied Partial Differential Equations
CHEM 698 Undergraduate Research Problems
CHEM 750 Introduction to Quantum Mechanics

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 47 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 35.5 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.

Rationale for proposal
Change of Course numbering for Analytical Chemistry

Additional Information

Supporting Documents

Program Reviewer Comments
Rachel Schwien (rschwien) (08/08/17 11:50 am): Rollback: per request

Key: 197
Program Change Request

Date Submitted: 05/23/17 12:12 pm

Viewing: EVRN-BA/BGS : Environmental Studies, B.A./B.G.S.

Last edit: 05/23/17 1:45 pm
Changes proposed by: avoss

Program Description

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

Environmental Studies Introduction to Science and Culture (16-18)
Majors must complete both of the following:

Global Environment I: The Discovery of Environmental Change. Satisfied by:
- EVRN 140
- or EVRN 144

Global Environment II: The Ecology of Civilization. Satisfied by:
- EVRN 142
- or EVRN 145

Environmental Planning Techniques
- UBPL 538

Environmental Economics
- ECON/EVRN 550

Biogeography Field and Laboratory Techniques
- EVRN/GEOG 433

Environmental Applications of Geographic Information Systems
- EVRN 410

Advanced Environmental Applications in Geospatial Techniques
- EVRN 510

No

Bachelor of Arts and Bachelor of General Studies in Environmental Studies

Catalog Pages

Using this Program

Academic Career

Environmental Studies

School/College

College of Lib Arts & Sciences

Degree Code

Bachelor of Arts - BA
Bachelor of General Studies - BGS

Consulting

School(s)/College(s)

Consulting Department(s)

CIP Code

030103

Program Name

Environmental Studies, B.A./B.G.S.

Do you intend to offer a track(s)?

No

Do you intend for this program to be offered online?

No

Effective Catalog

2018 - 2019

In Workflow

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

Approval Path

A. 05/23/17 1:45 pm

Rachel Schwien
(rschwien):
Approved for
CLAS Undergraduate Program and Course Coordinator

B. 09/05/17 1:54 pm

Rachel Schwien
(rschwien):
Approved for
CUSA Subcommittee
EVRN-BA/BGS: Environmental Studies, B.A./B.G.S.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 351</td>
<td>Environmental Geology</td>
<td>3-4</td>
</tr>
<tr>
<td>GEOL 510</td>
<td>Human Factors</td>
<td></td>
</tr>
</tbody>
</table>

Statistics, Satisfied by one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 365</td>
<td>Elementary Statistics</td>
</tr>
<tr>
<td>GEOG 316</td>
<td>Methods of Analyzing Geographical Data</td>
</tr>
<tr>
<td>BIOL 570</td>
<td>Introduction to Biostatistics</td>
</tr>
</tbody>
</table>

Environmental Studies Core Knowledge and Skills (12)

Majors must complete a course in each of the following areas:

- Environmental Policy Analysis, Satisfied by:
  - EVRN 330 Environmental Policy Analysis
- Environmental Law, Satisfied by:
  - EVRN 332 Environmental Law
- Field Ecology, Satisfied by:
  - EVRN 460 Field Ecology
- Capstone Experience, Satisfied by:
  - EVRN 615 Capstone Project

Environmental Studies Required Electives/Options (0)

Majors must select an option or design their own. Self-designed emphases must be approved in their entirety by an environmental studies advisor and the undergraduate studies director before implementation. Each option requires 4 courses at the 300+ level.

**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 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.

**Rationale for proposal**

GEOG 510 removed from "Research Methods" option, as Dept. of Geography is deactivating GEOG 510 per the attached statement from Beverly Koerner.

**Additional Information**

**Supporting Documents**

- EVRN-BA-BGS GEOG 510 deactivation.pdf
Program Change Request

Date Submitted: 05/18/17 8:39 am

Viewing: GEOG-BA/BGS : Geography, B.A./B.G.S.

Last approved: 11/11/16 6:11 am
Last edit: 05/18/17 8:39 am
Changes proposed by: koerner

<table>
<thead>
<tr>
<th>Catalog Pages</th>
<th>Bachelor of Arts and Bachelor of General Studies in Geography</th>
</tr>
</thead>
<tbody>
<tr>
<td>Using this Program</td>
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| Academic Career | Undergraduate, Lawrence |
| Program Type | Degree/Major |
| Department/Program | Geography |
| School/College | College of Lib Arts & Sciences |
| Degree Code | Bachelor of Arts - BA |

| Consulting School(s)/College(s) |
| Consulting Department(s) |
| CIP Code | 450701 |
| Program Name | Geography, B.A./B.G.S. |

Do you intend to offer a track(s)?
No

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

Effective Catalog | 2018 2017–2019 2018 |

| Program Description |

| Degree Requirements |

Geography Programs

The B.A., B.G.S., and B.S. in geography provide general liberal arts enrichment, preparation for graduate work, and training for careers in geography and related fields. Geography may be combined with another program as a double major, or courses in another area may simply be added to those in geography.

First- and Second-Year Preparation

Students should begin the major by meeting the core requirements and preparing for major courses.
Requirements for the B.A. or B.G.S. Major

Geography Core Knowledge and Skills (19)

Majors must complete a course in each of the following areas:

Principles of Physical Geography. Satisfied by:
- GEOG 104 Principles of Physical Geography (Required Geography Courses) 3
- Introductory Laboratory in Physical Geography. Satisfied by:
- GEOG 105 Introductory Laboratory in Physical Geography 2

Principles of Human Geography. Satisfied by:
- GEOG 102 People, Place, and Society 3
- or GEOG 103 Principles of Human Geography, Honors

Geographic Information Science. Satisfied by:
- GEOG 210 Computers, Maps, and Geographical Analysis 3
- GEOG 111 Mapping Our Changing World 4
- GEOG 358 Principles of Geographic Information Systems 4

Geographical Analysis. Satisfied by:
- GEOG 316 Methods of Analyzing Geographical Data 4
- or GEOG 358 Principles of Geographic Information Systems
- GEOG 311 Introductory Cartography and Geovisualization 4
- or GEOG 316 Methods of Analyzing Geographical Data

Senior Capstone in Geography. Satisfied by:
- GEOG 500 Senior Capstone in Geography 3

Geography Required Elective Hours (0)

Majors must complete five courses (15 hours) at the 200-500 level, in addition to the core above, from at least 3 of the following 4 groups, one of which must be a regional course:

Physical Studies. Satisfied by:
- GEOG 148 Scientific Principles of Environmental Studies
- GEOG 304 Environmental Conservation
- GEOG 321 Climate and Climate Change
- GEOG 331 Regional Geomorphology of the United States
- GEOG 332 Glaciers and Landscape
- GEOG 335 Introduction to Soil Geography
- GEOG 336 Introduction to Environmental Hydrology and Water Resources
- GEOG 338 Introduction to River Systems
- GEOG 350 Physical Geography of Africa
- GEOG 410 Human Biogeography, Honors
- GEOG 521 Microclimatology
- GEOG 531 Topics in Physical Geography: ______
- GEOG 532 Geoarchaeology
- GEOG 535 Soil Geography
- GEOG 536 Elements of Plant Geography
- GEOG 538 Soil Chemistry
- GEOG 540 Ecohydrology
- GEOG 541 Geomorphology
- GEOG 635 Soil Physics
- GEOG 731 Topics in Physical Geography: ______
- GEOG 735 Soil Geomorphology
- GEOG 741 Advanced Geomorphology
- GEOG 749 Topics in Stable Isotopes in the Natural Sciences: Geographic Information Science. Satisfied by:

Geoinformatics. Satisfied by:
- GEOG 111 Mapping Our Changing World
- GEOG 210 Computers, Maps, and Geographical Analysis
- GEOG 311 Introductory Cartography and Geovisualization
- GEOG 316 Methods of Analyzing Geographical Data
- GEOG 319 Topics in Techniques: ______
- GEOG 357 History and Philosophy of Geographic Information Science
- GEOG 358 Principles of Geographic Information Systems
- GEOG 360 Computer Programming for Mapping and Spatial Analysis
- GEOG 418 Workshop in Production Cartography
- GEOG 433 Biogeography Field and Laboratory Techniques
- GEOG 458 Geographical Information Systems: ______
- GEOG 511 Intermediate Cartography: ______
- GEOG 513 Cartographic Design
- GEOG 514 Visualizing Spatial Data
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<tr>
<td>GEOG 512</td>
<td>Advanced Cartography and Geovisualization</td>
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<tr>
<td>GEOG 516</td>
<td>Applied Multivariate Analysis in Geography</td>
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<tr>
<td>GEOG 547</td>
<td>Data Handling and Map Symbolization</td>
</tr>
<tr>
<td>GEOG 526</td>
<td>Remote Sensing of Environment I</td>
</tr>
<tr>
<td>GEOG 528</td>
<td>Spatial Databases</td>
</tr>
<tr>
<td>GEOG 558</td>
<td>Intermediate Geographical Information Systems</td>
</tr>
<tr>
<td>GEOG 560</td>
<td>GIS Application Programming</td>
</tr>
<tr>
<td>GEOG 648</td>
<td>Location Modeling</td>
</tr>
<tr>
<td>GEOG 658</td>
<td>Topics in Geospatial Technologies: _____</td>
</tr>
<tr>
<td>GEOG 711</td>
<td>Advanced Topics in Geovisualization</td>
</tr>
<tr>
<td>GEOG 713</td>
<td>Practicum in Cartography</td>
</tr>
<tr>
<td>GEOG 714</td>
<td>Field Experience</td>
</tr>
<tr>
<td>GEOG 716</td>
<td>Advanced Geostatistics</td>
</tr>
<tr>
<td>GEOG 726</td>
<td>Remote Sensing of Environment II</td>
</tr>
<tr>
<td>GEOG 733</td>
<td>Advanced Biogeography Field and Laboratory Techniques</td>
</tr>
<tr>
<td>GEOG 758</td>
<td>Geographic Information Science</td>
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Human Studies. Satisfied by:

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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>GEOG 110</td>
<td>Geopolitics in the News</td>
</tr>
<tr>
<td>GEOG 150</td>
<td>Environment, Culture and Society</td>
</tr>
<tr>
<td>GEOG 352</td>
<td>Economic Geography</td>
</tr>
<tr>
<td>GEOG 354</td>
<td>Globalization</td>
</tr>
<tr>
<td>GEOG 370</td>
<td>Introduction to Cultural Geography</td>
</tr>
<tr>
<td>GEOG 371</td>
<td>Environmental Geopolitics</td>
</tr>
<tr>
<td>GEOG 372</td>
<td>Environmental Policy</td>
</tr>
<tr>
<td>GEOG 373</td>
<td>Political Geography</td>
</tr>
<tr>
<td>GEOG 375</td>
<td>Intermediate Human Geography</td>
</tr>
<tr>
<td>GEOG 377</td>
<td>Vulnerability and Adaptation</td>
</tr>
<tr>
<td>GEOG 379</td>
<td>Urban Geography</td>
</tr>
<tr>
<td>GEOG 380</td>
<td>Topics in Cultural Geography: _____</td>
</tr>
<tr>
<td>GEOG 390</td>
<td>Human Factors</td>
</tr>
<tr>
<td>GEOG 392</td>
<td>History of Cartography</td>
</tr>
<tr>
<td>GEOG 453</td>
<td>Topics in Urban/Economic Geography: _____</td>
</tr>
<tr>
<td>GEOG 495</td>
<td>Seminar in Urban Geography</td>
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<tr>
<td>GEOG 499</td>
<td>Geography of the Energy Crisis</td>
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<tr>
<td>GEOG 510</td>
<td>Cities and Development</td>
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<tr>
<td>GEOG 520</td>
<td>Geography of American Indians</td>
</tr>
<tr>
<td>GEOG 525</td>
<td>Topics in Cultural Geography: _____</td>
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<tr>
<td>GEOG 526</td>
<td>Cultural Geography of the United States</td>
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<tr>
<td>GEOG 529</td>
<td>Geography of American Foodways</td>
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<tr>
<td>GEOG 577</td>
<td>Human Dimensions of Global Change</td>
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<tr>
<td>GEOG 582</td>
<td>Geopolitics and Genocide</td>
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<tr>
<td>GEOG 583</td>
<td>Migration, Diasporas and Development</td>
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<tr>
<td>GEOG 586</td>
<td>Sustainable Food Systems and Food Security in the Global South</td>
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<tr>
<td>GEOG 601</td>
<td>Indigenous Peoples of the World</td>
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<tr>
<td>GEOG 607</td>
<td>Cultural Ecology</td>
</tr>
<tr>
<td>GEOG 710</td>
<td>Information Design</td>
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<tr>
<td>GEOG 715</td>
<td>Development of Geographic Thought</td>
</tr>
<tr>
<td>GEOG 751</td>
<td>Topics in Urban/Economic Geography: _____</td>
</tr>
<tr>
<td>GEOG 771</td>
<td>Topics in Cultural Geography: _____</td>
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<tr>
<td>GEOG 772</td>
<td>Problems in Political Geography</td>
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<tr>
<td>GEOG 781</td>
<td>Environmental Geopolitics</td>
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Regional Studies. Satisfied by:

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<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>GEOG 351</td>
<td>Africa’s Human Geographies</td>
</tr>
<tr>
<td>GEOG 390</td>
<td>Geography of the United States and Canada</td>
</tr>
<tr>
<td>GEOG 395</td>
<td>Environmental Issues of: _____</td>
</tr>
<tr>
<td>GEOG 396</td>
<td>East Asia</td>
</tr>
<tr>
<td>GEOG 397</td>
<td>Geography of Kansas and the Plains</td>
</tr>
<tr>
<td>GEOG 399</td>
<td>Topics in Regional Studies: _____</td>
</tr>
<tr>
<td>GEOG 550</td>
<td>Environmental Issues in Africa</td>
</tr>
<tr>
<td>GEOG 553</td>
<td>Geography of African Development</td>
</tr>
<tr>
<td>GEOG 574</td>
<td>Exploring Oceania</td>
</tr>
<tr>
<td>GEOG 590</td>
<td>Understanding Central Asia</td>
</tr>
<tr>
<td>GEOG 591</td>
<td>Geography of Latin America</td>
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<tr>
<td>GEOG 592</td>
<td>Middle American Geography</td>
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<td>GEOG 593</td>
<td>Central American Peoples and Lands</td>
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<tr>
<td>GEOG 594</td>
<td>Geography of the Former Soviet Union</td>
</tr>
<tr>
<td>GEOG 595</td>
<td>Geography of Eastern Europe</td>
</tr>
</tbody>
</table>
Program Description

Degree Requirements

Geography Programs

The B.A., B.G.S., and B.S. in geography provide general liberal arts enrichment, preparation for graduate work, and training for careers in geography and related fields. Geography may be combined with another program as a double major, or courses in another area may simply be added to those in geography.

First- and Second-Year Preparation

Students should begin the major by meeting the core requirements and preparing for major courses.
Requirements for the B.S. Degree

Geography B.S. General Education Requirements

Written Communication – Core Skill and Critical Inquiry.

Composition (0)
Satisfied by one of the following. Requirement must be completed during initial term of admission at KU.

- ENGL 101 Composition
- ACT English score of 27 or above or SAT English score of 600 or above
- AP English Literature & Composition score of 3 or above
- Equivalent transfer course

Critical Reading and Writing (0)
Satisfied by one of the following. Requirement must be completed during initial term of admission at KU.

- ENGL 102 Critical Reading and Writing
  or ENGL 105 Freshman Honors English
- AP English Literature & Composition score of 4 or above
- Equivalent transfer course

Sophomore Reading and Writing II (0)
Satisfied by one of the following:

- ENGL 203 Topics in Reading and Writing: _____
- ENGL 205 Freshman-Sophomore Honors Proseminar: _____
- ENGL 210 Introduction to Fiction
- ENGL 211 Introduction to Poetry
- ENGL 212 Introduction to the Drama
- ENGL 362 Foundations of Technical Writing (recommended)
- AP English Literature & Composition score of 5 or above
- Equivalent Communications

Satisfied by COMS 130 (COMS 230, PHIL 148, PHIL 310 or exemption).

History or philosophy of science.

Select one of the following or consult undergraduate committee for approval of alternatives:

- HIST 103 Environment and History
- HIST 136 Early Science to 1700
- HIST 305 The Scientific Revolution
- HIST 306 Science and Western Culture
- HIST 311 Great Lives in Science
- HIST 347 Environmental History of North America
- HIST 360 Science and Religion
- HIST 407 History of Science in the United States
- PHIL 370 Moral Issues in Medicine
- PHIL 375 Moral Issues in Computer Technology
- PHIL 380 Environmental Ethics
- PHIL 620 Philosophy of Natural Science
- PHIL 622 Philosophy of Social Science
- GEOG 357 History and Philosophy of Geographic Information Science

Humanities - Understanding the Human Condition. Satisfied by completing 2 principal courses in the humanities. Approved courses may be searched for availability through the Kyou portal.

Social and Behavioral Sciences - Understanding Society and Behavior. Satisfied by completing 2 principal courses in the social sciences. Approved courses may be searched for availability through the Kyou portal.

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 44 by 50 hours of major courses.

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

Major Junior/Senior Hours
Satisfied by a minimum of 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.

Physical Geography Option

Geography Prerequisite or Co-requisite Knowledge (29-31)

Calculus I. Satisfied by one of the following:

- MATH 125 Calculus I

Calculus II. Satisfied by one of the following:
<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 126</td>
<td>Calculus II</td>
<td></td>
</tr>
<tr>
<td>(MATH 220</td>
<td>and 320 are also recommended)</td>
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</tr>
<tr>
<td>Physics I.</td>
<td>Satisfied by one of the following:</td>
<td>4-5</td>
</tr>
<tr>
<td>PHSX 211</td>
<td>General Physics I</td>
<td></td>
</tr>
<tr>
<td>&amp; PHSX 216</td>
<td>and General Physics I Laboratory (recommended)</td>
<td></td>
</tr>
<tr>
<td>PHSX 114</td>
<td>College Physics I</td>
<td></td>
</tr>
<tr>
<td>&amp; PHSX 201</td>
<td>and Calculus Supplement to College Physics I</td>
<td></td>
</tr>
<tr>
<td>&amp; PHSX 216</td>
<td>and General Physics I Laboratory</td>
<td></td>
</tr>
<tr>
<td>Physics II.</td>
<td>Satisfied by one of the following:</td>
<td>4-5</td>
</tr>
<tr>
<td>PHSX 212</td>
<td>General Physics II</td>
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<tr>
<td>&amp; PHSX 236</td>
<td>and General Physics II Laboratory</td>
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<td>PHSX 115</td>
<td>College Physics II</td>
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<tr>
<td>&amp; PHSX 236</td>
<td>and General Physics II Laboratory</td>
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<tr>
<td>Biology.</td>
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<tr>
<td>BIOL 150</td>
<td>Principles of Molecular and Cellular Biology</td>
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<tr>
<td>&amp; BIOL 152</td>
<td>and Principles of Organismal Biology</td>
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<tr>
<td>Chemistry.</td>
<td>Satisfied by:</td>
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<td>CHEM 130</td>
<td>General Chemistry I</td>
<td>10</td>
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<tr>
<td>&amp; CHEM 135</td>
<td>and General Chemistry II (or CHEM 190 and CHEM 195)</td>
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<tr>
<td>Information Technology. Satisfied by:</td>
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<tr>
<td>EECS 138</td>
<td>Introduction to Computing</td>
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<tr>
<td>Geography Overview Courses (8)</td>
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<tr>
<td>Principles of Physical Geography. Satisfied by:</td>
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<td>GEOG 104</td>
<td>Principles of Physical Geography</td>
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<tr>
<td>Introductory Laboratory in Physical Geography. Satisfied by:</td>
<td></td>
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<tr>
<td>GEOG 105</td>
<td>Introductory Laboratory in Physical Geography</td>
<td>2</td>
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<tr>
<td>One course in Human or Regional Geography</td>
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<td>Core System Courses (16)</td>
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<td>Climate:</td>
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<td>GEOG 321</td>
<td>Climate and Climate Change</td>
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<td>Hydrology:</td>
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<td>GEOG 336</td>
<td>Introduction to Environmental Hydrology and Water Resources</td>
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<td>or CE 455</td>
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<td>Soil Geography:</td>
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<td>GEOG 335</td>
<td>Introduction to Soil Geography</td>
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<td>or GEOG 535</td>
<td>Soil Geography</td>
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<td>Glaciology:</td>
<td>Satisfied by:</td>
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<tr>
<td>GEOG 332</td>
<td>Glaciers and Landscape</td>
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<td>Biogeography:</td>
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<td>BIOL 414</td>
<td>Principles of Ecology</td>
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<td>Geoinformatics Courses (11)</td>
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<tr>
<td>Methods of Analyzing Geographical Data. Satisfied by:</td>
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<tr>
<td>GEOG 316</td>
<td>Methods of Analyzing Geographical Data</td>
<td>4</td>
</tr>
<tr>
<td>Principles of Geographic Information Systems. Satisfied by:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEOG 358</td>
<td>Principles of Geographic Information Systems</td>
<td>4</td>
</tr>
<tr>
<td>One 500-level or above course from GIS Studies. (GEOG 526 Remote Sensing of Environment I recommended)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Senior Capstone (3)</td>
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<td></td>
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<tr>
<td>Satisfied by the following:</td>
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<td></td>
</tr>
<tr>
<td>GEOG 537</td>
<td>Elements of Plant Geography</td>
<td>2</td>
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<tr>
<td>GEOG 500</td>
<td>Senior Capstone in Geography</td>
<td>3</td>
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<tr>
<td>Elective Courses (6)</td>
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<td>Select two or more of the following:</td>
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<tr>
<td>Ecohydrology:</td>
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<tr>
<td>GEOG 540</td>
<td>Ecohydrology</td>
<td>6</td>
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<td>Climate:</td>
<td>Satisfied by:</td>
<td></td>
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<td>GEOG 521</td>
<td>Microclimatology</td>
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<td>Geomorphology:</td>
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<td></td>
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<tr>
<td>GEOG 331</td>
<td>Regional Geomorphology of the United States</td>
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<tr>
<td>GEOG 532</td>
<td>Geoarchaeology</td>
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<td>GEOG 541</td>
<td>Geomorphology</td>
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<tr>
<td>Soil Geography:</td>
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<tr>
<td>GEOG 538</td>
<td>Soil Chemistry</td>
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<tr>
<td>GEOG 735</td>
<td>Soil Geomorphology</td>
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<tr>
<td>Other advanced courses in Physical Geography</td>
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</tbody>
</table>
Geographical Information and Analysis Option

Geography Prerequisite or Co-requisite Knowledge (20)

Calculus I. Satisfied by one of the following:
- MATH 125 Calculus I
- or MATH 145 Calculus I, Honors

Calculus II. Satisfied by one of the following:
- MATH 126 Calculus II
- or MATH 146 Calculus II, Honors

General Physics I. Satisfied by one of the following:
- PHSX 211 General Physics I
- or PHSX 114 College Physics I
- & PHSX 201 and Calculus Supplement to College Physics I

General Physics II. Satisfied by one of the following:
- PHSX 212 General Physics II
- PHSX 115 College Physics II
- & PHSX 202 and Calculus Supplement to College Physics II

Computing Fundamentals. Satisfied by:
- GEOG 514 Visualizing Spatial Data
- or EECS 138 Introduction to Computing: _____
- GEOG 360 Computer Programming for Mapping and Spatial Analysis
- or EECS 138 Introduction to Computing: _____

Overview Geography Courses (18)

Principles of Physical Geography or Scientific Principles of Environmental Studies. Satisfied by one of the following:
- GEOG 104 Principles of Physical Geography
- & GEOG 105 and Introductory Laboratory in Physical Geography
- GEOG 107 Principles of Physical Geography, Honors
- & GEOG 105 and Introductory Laboratory in Physical Geography
- GEOG 140 Global Environment I: The Discovery of Environmental Change

Maps and Mapping or Computers, Maps, and Geographical Analysis. Satisfied by:
- GEOG 111 Mapping Our Changing World
- or GEOG 358 Principles of Geographic Information Systems

Principles of Human Geography. Satisfied by:
- GEOG 102 People, Place, and Society
- or GEOG 103 Principles of Human Geography, Honors

2 GEOG 300+ courses. One in Physical and one in Human and/or Regional Geography

Core Geographic Information Science Courses (21)

Six courses, at least one from each category:

Cartography and Visualization. Satisfied by:
- GEOG 311 Introductory Cartography and Geovisualization
- GEOG 513 Cartographic Design
- GEOG 517 Data Handling and Map Symbolization
- GEOG 512 Advanced Cartography and Geovisualization

Geographical Information Systems. Satisfied by:
- GEOG 358 Principles of Geographic Information Systems
- GEOG 558 Intermediate Geographical Information Systems
- GEOG 560 GIS Application Programming
- GEOG 758 Geographic Information Science

Remote Sensing. Satisfied by:
- GEOG 526 Remote Sensing of Environment I
- GEOG 726 Remote Sensing of Environment II

Statistics. Satisfied by:
- GEOG 316 Methods of Analyzing Geographical Data
- GEOG 516 Applied Multivariate Analysis in Geography
- GEOG 716 Advanced Geostatistics

Senior Capstone in Geography (3)

Satisfied by:
- GEOG 500 Senior Capstone in Geography

Geographic Information Science Electives (6)

Two other courses from geographic information science

Allied Field (9)

Three courses and nine hours minimum in one field (or a minor) (area studies, atmospheric science, biology, computer science, design, environmental studies, engineering, geology, psychology, urban planning).

Electives (14-23)

14-23 credit hours of any university courses.
Geography 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 48 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 (300+) Hours**
Satisfied by a minimum of 12 hours from junior/senior courses (300+) in the major.

**Major Junior/Senior (300+) 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=/programadm...).

Numerous courses have been deactivated. Consequently, new courses or alternate courses need to be added to the BS requirements to replace those deactivated courses.

Rachel Schwien (rschwien) (05/17/17 9:01 am): Rollback: per request.
Bachelor of Arts and Bachelor of General Studies in History

Undergraduate, Lawrence

Degree/Major

History

College of Lib Arts & Sciences

Bachelor of Arts - BA

Bachelor of General Studies - BGS

Do you intend to offer a track(s)?

No

Do you intend for this program to be offered online?

No

Effective Catalog

2018 - 2019

Program Description

The history major allows students to explore the richness and diversity of human experience in the past while building skills of analysis, interpretation, research, and communication. All history majors gain knowledge of significant historical transformations that have shaped the world. History majors learn to think critically, to conduct historical research, and to present the results of their research in clear and coherent...
History Program

The history major allows students to explore the richness and diversity of human experience in the past while building skills of analysis, interpretation, research, and communication. All history majors gain knowledge of significant historical transformations that have shaped the world. History majors learn to think critically, to conduct historical research, and to present the results of their research in clear and coherent writing.

First- and Second-Year Preparation

Prospective majors are encouraged to enroll in 1 or 2 introductory courses at the 100 or 300 level in the first 2 years. Many introductory history courses fulfill the College’s HT or NW principal course requirements, and prospective majors might choose one of them to explore their interests in history. Students who come to KU with AP or transfer credit should be aware that only 9 hours of history course work numbered 100-299 may be counted toward the major. Students interested in history as a major are encouraged to meet with a department advisor early in their careers at KU to discuss their academic goals and interests. Contact the undergraduate secretary to schedule an advising appointment.

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

History Major Core Knowledge and Skills (3)
Majors must complete a course in the following area:

- The Historian’s Craft. Satisfied by:
  - HIST 301 The Historian’s Craft 3
  - or HIST 302 The Historian’s Craft, Honors

History Required Electives (30)
Majors must complete 5 courses (15 hours) in either category below; 3 courses (9 hours) are required from the other category below:

- History Category I: Western Orientation. Satisfied by courses in Ancient, Medieval, Modern Western Europe, History of Science, Russia/Eastern Europe, United States:
  - HIST 101 Introduction to History: _____
  - HIST 102 Introduction to History, Honors: _____
  - HIST 103 Environment and History
  - HIST 105 Introduction to Ancient Near Eastern and Greek History
  - HIST 106 Introduction to Roman History
  - HIST 107 Introduction to the Ancient World
  - HIST 108 Medieval History
  - HIST 109 The Black Experience in the Americas
  - HIST 112 Introduction to British History
  - HIST 113 Europe 1500-1789, Honors
  - HIST 114 Renaissance to Revolution: Europe 1500-1789
  - HIST 115 French Revolution to the Present: Europe 1789-Present
  - HIST 116 French Revolution to the Present: Europe 1789 to Present, Honors
  - HIST 117 Russia, An Introduction
  - HIST 118 History of the United States Through the Civil War
  - HIST 119 History of the United States After the Civil War
  - HIST 120 Early Science to 1700
  - HIST 121 History of Modern Science
  - HIST 140 Global Environment I: The Discovery of Environmental Change
  - HIST 141 Global Environment II: The Ecology of Human Civilization
  - HIST 142 Global Environment I: The Discovery of Environmental Change, Honors
  - HIST 143 Global Environment II: The Ecology of Human Civilization, Honors
  - HIST 177 First Year Seminar: ______
  - HIST 201 Writing the Past-Category I/Western Topics: ______
  - HIST 202 Speaking the Past-Category I/Western Topics: ______
  - HIST 203 History and the Headlines
  - HIST 204 Disasters in Mediterranean Antiquity
  - HIST 215 From Aristotle to Bitcoin: A Global History of Money
  - HIST 220 A Global History of Human Health
  - HIST 221 America’s Worst Presidents
  - HIST 222 United States in the 1960s
  - HIST 230 Sex, Gender, Film, and History
  - HIST 231 War and 20th Century U.S. Culture
  - HIST 250 Study Abroad Topics in: ______
  - HIST 303 Sin Cities
  - HIST 304 1642, 1688, 1776: Three British Revolutions
  - HIST 305 The Scientific Revolution
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<td>HIST 421</td>
<td>Economic and Social History of Later Medieval Europe, 1000-1500</td>
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<tr>
<td>HIST 424</td>
<td>Venice and Florence in the Renaissance</td>
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<tr>
<td>HIST 425</td>
<td>History of the Mediterranean World, 1099-1571</td>
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<tr>
<td>HIST 440</td>
<td>War and United States Society</td>
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<td>HIST 444</td>
<td>Frozen in Time: Politics and Culture in the Cold War, 1945-75</td>
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<td>HIST 450</td>
<td>Study Abroad Topics in: _____</td>
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<td>HIST 451</td>
<td>Suburbia</td>
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<td>HIST 452</td>
<td>Chicago</td>
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<td>HIST 453</td>
<td>Anarchism: A Global History</td>
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<td>HIST 454</td>
<td>Work</td>
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<td>HIST 456</td>
<td>Topics in: _____</td>
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<tr>
<td>HIST 461</td>
<td>The Asia-Pacific War, 1937-1945</td>
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<tr>
<td>HIST 492</td>
<td>Readings in History</td>
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<td>HIST 494</td>
<td>Service Learning in History</td>
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<tr>
<td>HIST 500</td>
<td>History of the Book</td>
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<td>HIST 502</td>
<td>Development of Ancient Greece, ca. 1000-300 B.C.</td>
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<td>HIST 503</td>
<td>The Ancient History of the Near East</td>
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<td>HIST 506</td>
<td>Roman Republic</td>
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<td>HIST 507</td>
<td>Early Roman Empire</td>
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<td>HIST 508</td>
<td>Late Roman Empire (284-527)</td>
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<td>HIST 509</td>
<td>Multinational Corporations: The Role of Money and Power</td>
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<td>HIST 510</td>
<td>Topics in: _____</td>
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<td>HIST 513</td>
<td>Early Medieval Culture</td>
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<td>HIST 515</td>
<td>The Crusades in Cross-Cultural Perspective</td>
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<td>Later Medieval Culture</td>
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<td>HIST 519</td>
<td>European Intellectual History of the Seventeenth Century</td>
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<td>The Age of the Renaissance</td>
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<td>The Age of the Reformation</td>
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<td>HIST 522</td>
<td>The Age of Religious Wars, 1540-1648</td>
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<td>HIST 523</td>
<td>Europe between Absolutism and Revolution</td>
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<td>HIST 524</td>
<td>The French Revolution</td>
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<td>HIST 525</td>
<td>France and Its Empire: From Acadia to Zidane</td>
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<td>Recent European History, 1870 to the Present</td>
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<td>Economic History of Europe</td>
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<td>Intellectual History of 19th Century Europe</td>
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<td>HIST 530</td>
<td>History of American Women--Colonial Times to 1870</td>
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<td>History of American Women--1870 to Present</td>
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<td>HIST 532</td>
<td>History of Women and Work in Comparative Perspective</td>
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<td>HIST 533</td>
<td>The History of Women and the Family in Europe, from 1500 to the Present</td>
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<td>HIST 534</td>
<td>Captivity in America, 1492-1800</td>
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<td>HIST 537</td>
<td>France from the Renaissance to the French Revolution</td>
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<td>European Intellectual History of the Eighteenth Century</td>
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<td>HIST 541</td>
<td>British History, Tudors and Stuarts</td>
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<td>HIST 545</td>
<td>British History from Monarchy to Democracy</td>
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<td>History of Cartography</td>
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<td>HIST 547</td>
<td>The Intellectual History of Europe in the Twentieth Century</td>
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<td>HIST 548</td>
<td>Rise of Modern Britain</td>
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<td>HIST 551</td>
<td>Spain and Its Empire, 1450-1700</td>
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<tr>
<td>HIST 555</td>
<td>British Political Thought</td>
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<td>HIST 556</td>
<td>British Political Thought, Honors</td>
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<tr>
<td>HIST 557</td>
<td>Nationalism and Communism in East Central Europe from 1772 to the Present</td>
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<tr>
<td>HIST 558</td>
<td>Religion in Britain Since the Reformation: A Survey</td>
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<td>HIST 559</td>
<td>Religion in Britain Since the Reformation: A Survey, Honors</td>
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<td>HIST 560</td>
<td>The Value of Freedom</td>
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<td>HIST 562</td>
<td>United States Environmental History in the 20th Century</td>
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<td>U.S. Environmental Thought in the 20th Century</td>
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<td>Rise and Fall of the Soviet Union</td>
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<td>The Middle East After World War II</td>
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<td>HIST 574</td>
<td>Slavery in the New World</td>
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<td>HIST 591</td>
<td>Food in History: West and East</td>
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<td>HIST 601</td>
<td>Oral History</td>
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<td>Religion in Britain 1785-1925</td>
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<td>HIST 608</td>
<td>History of Sexuality</td>
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<td>HIST 610</td>
<td>American Colonial History</td>
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<td>HIST 613</td>
<td>Slavery and Freedom in the Age of Jackson</td>
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HIST 604 Contemporary Greater China
HIST 605 Medieval Japan
HIST 608 History of Sexuality
HIST 611 Early American Indian History
HIST 612 History of Federal Indian Law and Policy
HIST 618 History of the American West to 1900
HIST 619 History of the American Indian
HIST 622 History of the Plains Indians
HIST 636 Agriculture in World History
HIST 640 Entrepreneurship in East Asia
HIST 660 Biography of a City: ______
HIST 670 Comparative Diasporas

History Capstone Seminar (3)

Majors must complete a capstone research experience in which they research and write an original thesis based on primary sources. It normally is taken during the senior year. Alternatively, majors with a GPA above 3.5 may choose to write a senior honors thesis. Satisfied by one of the following:

- HIST 696 Seminar in: _____
- or HIST 690
- & HIST 691 Honors Course in History and Undergraduate History Honors Seminar

**History 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 36 hours of major courses. No more than 2 HIST 492 Readings in History courses may be applied to the major. Only courses taken in the Department of History or cross-listed in other units are accepted for credit toward the major.

**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 27 hours from junior/senior courses (300+) in the major. Of these 27 hours, at least 6 hours (two courses) must be taken at the 500-699 level (in addition to HIST 696).

**Major Junior/Senior Graduation (300+) 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=/programadm...).

**Graduation Plan**

With careful planning and commitment to a full-time course load, you can graduate in 4 years. Consult the department for details.

**Double Majors**

Many history majors choose to pursue a second major. Fulfilling the requirements of 2 majors in a timely fashion requires careful choice of courses. Consult a department advisor.

**Rationale for proposal**

The justification for each of these changes are attached. Although the 2017-18 UG Director and Dept. Chair do not support the changes of increasing the number of lower level courses allowed, the department as a whole voted and both of these changes passed.

**We are raising the total number of required credit hours for the major from 30 to 36. We are also raising the number of lower level courses, 100-299, allowed from 2 to 3.**

**Two Proposals to Change the History Major Summer 2017.docx**
Program Change Request

Date Submitted: 06/01/17 1:17 pm

Viewing: **WGSS-BA/BGS: Human Sexuality, B.A./B.G.S.**

Last approved: 05/22/17 4:19 pm
Last edit: 06/01/17 1:17 pm
Changes proposed by: a194s668

Catalog Pages Using this Program

**Academic Career**
- Undergraduate, Lawrence

**Program Type**
- Degree/Major

**Department/Program**
- Women, Gender, & Sexuality Std

**School/College**
- College of Lib Arts & Sciences

**Degree Code**
- Bachelor of Arts - BA
- Bachelor of General Studies - BGS

**Consulting School(s)/College(s)**
- College of Lib Arts & Sciences

**Consulting Department(s)**
- Women, Gender, & Sexuality Std

**CIP Code**
- 050207

**Program Name**
- Human Sexuality, B.A./B.G.S.

**Do you intend to offer a track(s)?**
- No

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

**Effective Catalog**
- 2018 - 2019

**Program Description**

**Degree**
Requirements

Introductory Survey (3)

WGSS 101 or WGSS 102

Survey - Choose one of the following: (3)

HSES 489
PSYC 502
SW 303

Core Social Science - Choose one of the following: (3)

WGSS 333
WGSS/PSYC 521
WGSS 530
WGSS/ANTH 583
WGSS/POLS 640
WGSS/PSYC 689
AAAS/ANTH 372

Core Humanities - Choose one of the following: (3)

WGSS 311/HIST 332/AMS 323/HUM 332
WGSS 327
WGSS 345
WGSS 350
WGSS 430
WGSS 563
AAAS/HIST/WGSS 598

Two Additional Core Courses - chosen from the Social Science and Humanities Core lists above (6)

Capstone Seminar (3)

WGSS 601

Methods (3)

WGSS 301

Electives - choose two from the list below (or any course from the above lists, not already satisfying a requirement above) (6)

WGSS 396
WGSS 498
WGSS 650
AAAS 554
ABSC 268
ABSCI/PSYC 626
AMS/SOC 110
or AMS 112
or SOC 112
ANTH/WGSS 389
COMS 344
COMS 552
FMS 410
HIST/WGSS 324
HUM/WGSS 570
HUM/WGSS 575/HIST 625
POLS/WGSS 600
POLS/WGSS 630
PSYC 465
Human Sexuality Major Hours & Major GPA

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

**Major Hours**
Satisfied by 36 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 (300+) Hours**
Satisfied by a minimum of 18 hours from junior/senior courses (300+) in the major.

**Major Junior/Senior (300+) 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.

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<table>
<thead>
<tr>
<th>Rationale for proposal</th>
<th>Removing courses that don't exist, (CLSX 374)</th>
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</thead>
<tbody>
<tr>
<td>Additional Information</td>
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<tr>
<td>Supporting Documents</td>
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<td>Program Reviewer</td>
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Program Change Request

Date Submitted: 06/21/17 3:39 pm

Viewing: **BIOL-BS : Molecular Biosciences, B.S.**

Last approved: 03/06/17 11:58 am

Last edit: 06/21/17 3:39 pm

Changes proposed by: gburg

Catalog Pages
Using this Program

Bachelor of Science in Molecular Biosciences

Academic Career | Undergraduate, Lawrence
Program Type | Degree/Major
Department/Program | Biology
School/College | College of Lib Arts & Sciences
Degree Code | Bachelor of Science - BS
Consulting School(s)/College(s)
Consulting Department(s)
CIP Code | 260204
Program Name | Molecular Biosciences, B.S.
Do you intend to offer a track(s)?
  No
Do you intend for this program to be offered online?
  No

Molecular Biosciences

**KU Edwards Campus**

The undergraduate program in molecular biosciences is offered in its entirety only at the [KU Edwards Campus](https://next.catalog.ku.edu/courseleaf/courseleaf.cgi?page=/programadm...), 12600 Quivira Rd., Overland Park, KS 66213.
This program is designed for students who have earned an associate's degree or equivalent hours and wish to complete the upper-level courses necessary for a bachelor's degree.

Requirements for the B.S. Degree in Molecular Biosciences

The program offers students a strong background in genetics, microbiology, cell biology, and biochemistry, as well as laboratory skills in genetics and microbiology. Graduates have entered medical school, dental school, and graduate school with high success rates. Contact the CLAS undergraduate advisor on the Edwards Campus, Sandra Leppin, sandra.leppin@ku.edu, 913-897-8511, for more information.

General Education Requirements

In addition to degree and major requirements, all students must complete the KU Core.

General Science Requirements (33-37)

Majors must complete the following general science requirements that serve as foundational courses for this major.

Chemistry I. Satisfied by one of the following: 5

- CHEM 130 General Chemistry I
- CHEM 190 Foundations of Chemistry I, Honors

Chemistry II. Satisfied by one of the following: 5

- CHEM 135 General Chemistry II
- CHEM 195 Foundations of Chemistry II, Honors

Organic Chemistry I. Satisfied by one of the following: 3

- CHEM 330 Organic Chemistry I
- CHEM 380 Organic Chemistry I, Honors

Organic Chemistry I Laboratory. Satisfied by:

- CHEM 331 Organic Chemistry I Laboratory

Organic Chemistry II. Satisfied by one of the following: 3

- CHEM 335 Organic Chemistry II
- CHEM 385 Organic Chemistry II, Honors

Calculus. Satisfied by one of the following: 4-6

- MATH 115
- & MATH 116 Calculus I and Calculus II
- MATH 125 Calculus I (Calculus I)

Physics. Satisfied by one of the following: 8-9

Option 1: College Physics

- PHSX 114 College Physics I
- & PHSX 115 and College Physics II

Option 2: General Physics

- PHSX 211 General Physics I
- & PHSX 216 and General Physics I Laboratory
- PHSX 212 General Physics II
- & PHSX 236 and General Physics II Laboratory

Statistics. Satisfied by one of the following: 3-4

- BIOL 570 Introduction to Biostatistics
- MATH 365 Elementary Statistics
- PSYC 210 Statistics in Psychological Research

Molecular Biosciences Course Requirements (30-31)

Molecular & Cellular Biology. Satisfied by:

- BIOL 150 Principles of Molecular and Cellular Biology
- or BIOL 151 Principles of Molecular and Cellular Biology, Honors

Principles of Organismal Biology. Satisfied by:

- BIOL 152 Principles of Organismal Biology
- or BIOL 153 Principles of Organismal Biology, Honors

Principles of Genetics. Satisfied by:

- BIOL 350 Principles of Genetics
- or BIOL 360 Principles of Genetics, Honors

Fundamentals of Microbiology. Satisfied by:

- BIOL 400 Fundamentals of Microbiology
- or BIOL 401 Fundamentals of Microbiology, Honors

Fundamentals of Microbiology Laboratory. Satisfied by:

- BIOL 402 Fundamentals of Microbiology Laboratory
- or BIOL 403 Fundamentals of Microbiology Laboratory

Laboratory in Genetics. Satisfied by:

- BIOL 405 Laboratory in Genetics

Cell Structure & Function. Satisfied by:

- BIOL 416 Cell Structure and Function
- or BIOL 536 Cell Structure and Function (Honors)

Molecular Biology Laboratory. Satisfied by:
BIOL 430 Laboratory in Molecular Biology 3
Introductory Biochemistry. Satisfied by:
BIOL 600 Introductory Biochemistry, Lectures 3
Principles of Biochemistry Laboratory. Satisfied by:
BIOL 601 Principles of Biochemistry Laboratory 2
Senior Seminar in Molecular Biosciences (1)
Satisfied by:
BIOL 599 Senior Seminar: _____ (Must be taken in senior year. Offered only at the Edwards Campus.) 1
Molecular Bioscience Required Electives (12)
Satisfied by completing 12 hours of BIOL courses numbered 400 or higher or BTEC 300, 310, 400, 475, 494, or 550, including at least 2 hours of a seminar/topics course (BIOL 419, BIOL 420, BIOL 421, BIOL 701). No more than 3 hours of BIOL 423 Non-Lab Independent Study and/or BIOL 424 Independent Study (combined) can be applied towards the elective requirement.
Seminar: Satisfied by completing at least 2 hours of the following seminar or topics courses:
BIOL 419 Topics in ______
BIOL 420 Topics in Molecular Biosciences: _____
BIOL 701 Seminar: _____
Topics in: _____

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 43-44 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.

We are adding 6 biotechnology courses (BTEC 300, 310, 400, 475, 494, and 550) as options that students can choose to satisfy the 12 credit hours of B.S. Molecular Biosciences electives. The material and learning outcomes of these BTEC courses complement the MB degree and would serve as excellent and unique opportunities for students pursing the MB degree. The BTEC additions will also increase the number of electives available to Edwards Campus MB students.
Requirements for the B.S. Degree in Physics

Physics Bachelor of Science (B.S.) General Education Requirements

All students pursuing the Bachelor of Science in Physics must complete the KU Core requirements in addition to the degree and major requirements. For details regarding the KU Core requirements, please see the KU Core section of the catalog.
Foundational Physics and Mathematics (8.5)

Majors must complete courses as specified in each of the following areas. Majors are advised to take honors courses when eligible. All honors equivalents are also acceptable to fulfill PHSX major requirements. These hours do not contribute to the minimum number of hours required for the major.

Calculus I. Satisfied by:
- MATH 125 Calculus I 4
- or MATH 145 Calculus I, Honors 4

Calculus II. Satisfied by:
- MATH 126 Calculus II 4
- or MATH 146 Calculus II, Honors 4

Seminar in Physics, Astronomy, & Engineering Physics. Satisfied by:
- PHSX 150 Seminar in Physics, Astronomy and Engineering Physics 0.5

General Physics I. Satisfied by one of the following:
- PHSX 211 General Physics I
- & PHSX 216 General Physics I Laboratory
- PHSX 213 General Physics I Honors

General Physics II. Satisfied by one of the following:
- PHSX 212 General Physics II
- & PHSX 236 General Physics II Laboratory
- PHSX 214 General Physics II Honors

General Science Requirements (8)

Foundations of Chemistry I. Satisfied by:
- CHEM 130 General Chemistry I 5
- or CHEM 150 Chemistry for Engineers
- or CHEM 170 Chemistry for the Chemical Sciences I
- or CHEM 190 Foundations of Chemistry I, Honors

Computing and Programming. Satisfied by:
- EECS 138 Introduction to Computing: _____ 3
- or EECS 168 Programming I

Advanced Mathematics (9)

Vector Calculus. Satisfied by:
- MATH 127 Calculus III 4
- or MATH 147 Calculus III, Honors 4

Elementary Linear Algebra. Satisfied by:
- MATH 290 Elementary Linear Algebra 2
- or MATH 291 Elementary Linear Algebra, Honors 2

Applied Differential Equations. Satisfied by:
- MATH 320 Elementary Differential Equations 3

Math Elective. Satisfied by one of the following: (3-4) 3-4
- PHSX 518 Mathematical Physics
- PHSX 718 Mathematical Methods in Physical Sciences
- MATH 526 Applied Mathematical Statistics I
- MATH 530 Mathematical Models
- MATH 558 Introductory Modern Algebra
- MATH 581 Numerical Methods
- MATH 590 Linear Algebra
- MATH 628 Mathematical Theory of Statistics
- MATH 646 Complex Variable and Applications
- MATH 647 Applied Partial Differential Equations
- MATH 648 Calculus of Variations and Integral Equations
- MATH 660 Geometry I
- MATH 661 Geometry II
- any 700-level MATH lecture course except MATH 701 and MATH 715

Advanced Physics (20-23)

Majors must complete a course in each of the following areas:

General Physics III. Satisfied by:
- PHSX 313 General Physics III 3

Intermediate Physics Lab. Satisfied by:
- PHSX 316 Intermediate Physics Laboratory I 1

Introductory Quantum Mechanics. Satisfied by:
- PHSX 511 Introductory Quantum Mechanics 3

Physical Measurements or Electronic Circuit Measurement and Design. Satisfied by:

Mechanics I. Satisfied by:
- PHSX 521 Mechanics I 3

Electricity and Magnetism. Satisfied by:
- PHSX 531 Electricity and Magnetism 3

Thermal Physics. Satisfied by:
## Physics 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 (300+) Hours
Satisfied by a minimum of 12 hours from junior/senior courses (300+) in the major.

### Major Junior/Senior (300+) 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=/programadm...).
Program Change Request

Date Submitted: 07/17/17 1:17 pm

Viewing: SPAN-BA : Spanish, B.A.
Last edit: 07/17/17 1:17 pm
Changes proposed by: rschwien

Catalog Pages
Using this Program

Academic Career
Undergraduate, Lawrence

Program Type
Degree/Major

Department/Program
Spanish & Portuguese

School/College
College of Lib Arts & Sciences

Degree Code
Bachelor of Arts - BA

Consulting School(s)/College(s)

Consulting Department(s)

CIP Code
160905

Program Name
Spanish, B.A.

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

First- and Second-Year Preparation

Spanish Major Prerequisite or Co-Requisite Knowledge (6)
Majors must complete the following 2 courses. These hours do not contribute to the minimum number of hours required for the major. Majors must complete SPAN 323 or 324, and SPAN 328, with a grade of B- or higher, in order to go on to advanced-level Spanish classes.

Intermediate Composition and Grammar. Satisfied by:
SPAN 323 or 324, Grammar and Composition
SPAN 328

Intermediate Conversation. Satisfied by:
SPAN 328, Intermediate Spanish Conversation

Spanish Major Introductory Knowledge. Majors must complete the following 2 courses:
Textual Analysis and Critical Reading. Satisfied by:
SPAN 340

Transatlantic Hispanic Cultures. Satisfied by:
SPAN 346
Requirements for the B.A. Major

Spanish Major Core Knowledge and Skills (26)

Majors must complete at least 1 course (3 hours) in each of following areas:

Literature: Peninsular Spanish Literary and Cultural Studies. Satisfied by 1 of the following: 3
- SPAN 440 Hispanic Studies: _____
- SPAN 441 Special Topics in Spanish Literature and Culture: _____
- SPAN 450 Medieval Spanish Studies: _____
- SPAN 451 Early Modern Spanish Studies: _____
- SPAN 452 Nineteenth Century Spanish Studies: _____
- SPAN 453 Twentieth Century Spanish Studies: _____

Literature: Latin American Literary and Cultural Studies. Satisfied by 1 of the following: 3
- SPAN 440 Hispanic Studies: _____
- SPAN 442 Special Topics Latin American Literature and Cultures: _____
- SPAN 460 Colonial Spanish-American Studies: _____
- SPAN 461 Nineteenth Century Spanish-American Studies: _____
- SPAN 462 Twentieth Century Spanish-American Studies: _____
- SPAN 463 National Traditions in Spanish America: _____

Language: Advanced Spanish Composition and Grammar. Satisfied by: 3
- SPAN 424 Advanced Spanish Composition and Grammar

Language: Advanced Spanish language or linguistics. Satisfied by 1 of the following: 3
- SPAN 429 Spanish Phonetics
- SPAN 448 Spanish Language and Culture for Business
- SPAN 520 Structure of Spanish
- SPAN 522 Advanced Studies in Spanish Language: _____
- SPAN 570 Studies in Hispanic Linguistics: _____

Language: Advanced language, linguistics, or Portuguese. Satisfied by 1 of the following: 3
- SPAN 520 Structure of Spanish
- SPAN 522 Advanced Studies in Spanish Language: _____
- SPAN 570 Studies in Hispanic Linguistics: _____
- PORT 212 Intermediate Brazilian Portuguese I
- PORT 216 Intermediate Brazilian Portuguese II
- PORT 220 Intensive Intermediate Brazilian Portuguese
- PORT 320 Introduction to Portuguese and Brazilian Literatures
- PORT 340 Textual Analysis and Critical Reading
- PORT 347 Brazilian Studies: _____
- PORT 348 Portuguese Language and Brazilian Culture for Business
- PORT 365 Studies in Brazilian Film: _____
- PORT 394 Special Readings in Brazilian Studies
- PORT 471 Studies in Brazilian Culture and Civilization: _____
- PORT 475 Studies in Brazilian Literature: _____
- PORT 488 Advanced Brazilian Portuguese Conversation
- PORT 490 Intensive Advanced Portuguese
- PORT 509 Portuguese Phonetics and Phonology
- PORT 540 Textual Analysis and Critical Reading
- PORT 547 Brazilian Studies: _____
- PORT 548 Portuguese Language and Brazilian Culture for Business
- PORT 560 Survey of Portuguese Literature
- PORT 565 Studies in Brazilian Film: _____

Advanced Conversation. Satisfied by: 2
- SPAN 428 Advanced Spanish Conversation

Spanish Major Required Electives. Majors must complete 2 additional courses (6 hours) from the following courses: any Spanish 400+ or 500-level course (literature, language or culture), or PORT 212 or higher (except PORT 300 and PORT 611). 6

Spanish Major Capstone: Literature Colloquium. Majors must complete 1 (3 hour) capstone course in literature. Satisfied by 1 of the following: 3
- SPAN 540 Colloquium on Hispanic Studies: _____
- SPAN 550 Colloquium on Spanish Film
- SPAN 560 Colloquium on Latin American Film

Majors are strongly encouraged to study abroad in a Spanish-speaking country. Please see your advisor about this opportunity.

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 32 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=/programadm...).

---

**Rationale for proposal**

The purpose of this proposal is to strengthen the Spanish major and minor tracks and to provide students with options for completing the requirements for the major and minor in a timely fashion. The proposal also improves the course sequence for the major and minor by eliminating an anti-requisite and by giving students options for completing the course requirements in a logical progression.

**Additional Information**

It likewise improves articulation with course selection in Study Abroad academic programs supported by the Department of Spanish and Portuguese in Buenos Aires, Barcelona, San José, Costa Rica, and Salamanca, Spain, by opening up more course options for students who enroll in these programs.

**Supporting Documents**

[UNDERGRADUATE STUDIES changes SPAN.pdf](https://next.catalog.ku.edu/courseleaf/courseleaf.cgi?page=/programadm...)

**Program Reviewer**

Rachel Schwien (rschwien) (07/17/17 1:49 pm): Submitted on behalf of Isidro Rivera

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Key 40
Requirements for the Minor

For students whose programs make it attractive and feasible for them to focus on an African or American region, country, or topic, the department provides a minor in African and African-American studies. Minors must select 1 of the 4 tracks.

African-American Studies Track

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAAS 106</td>
<td>The Black Experience in the Americas</td>
<td>3</td>
</tr>
<tr>
<td>or AAAS 104</td>
<td>Introduction to African-American Studies</td>
<td></td>
</tr>
<tr>
<td>AAAS 306</td>
<td>The Black Experience in the U.S. Since Emancipation</td>
<td>3</td>
</tr>
</tbody>
</table>

Select 12 additional hours of African-American (U.S.)-related AAAS courses at the 300 level or above

African and African-American Studies Track

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAAS 105</td>
<td>Introduction to African History</td>
<td>3</td>
</tr>
<tr>
<td>or AAAS 103</td>
<td>Introduction to Africa</td>
<td></td>
</tr>
<tr>
<td>or AAAS 102</td>
<td>Arabic and Islamic Studies</td>
<td></td>
</tr>
</tbody>
</table>
### African Studies Track

Students choosing this track must select 1 of 6 options.

#### Option 1: Advanced African Language Study

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAAS 103</td>
<td>Introduction to Africa</td>
<td>3</td>
</tr>
<tr>
<td>or AAAS 105/HIST 104</td>
<td>Introduction to African History</td>
<td></td>
</tr>
<tr>
<td>or AAAS 102</td>
<td>Arabic and Islamic Studies</td>
<td></td>
</tr>
</tbody>
</table>

Select one of the following:

- **ARAB 310** Advanced Arabic I and Advanced Arabic II and Readings in Arabic I and Readings in Arabic II
- **KISW 310** Advanced Kiswahili I and Advanced Kiswahili II and Readings in Kiswahili I and Readings in Kiswahili II
- **HAUS 310** Advanced Hausa I and Advanced Hausa II and Readings in Hausa I and Readings in Hausa II
- **WOLO 310** Advanced Wolof I and Advanced Wolof II and Readings in Wolof I and Readings in Wolof II

OR two advanced language courses (AAAS 504 or AAAS 505) and a Language and Society course (LING 370/AAAS 370, LING 470/AAAS 470). Other languages may apply with consent of faculty.

Select one of the following:

- **AAAS 550** Senior Seminar in: _____
- **AAAS 690** Investigation and Conference
- **AAAS 496** Field Experience

#### Option 2: African Societies and Civilizations

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAAS 103</td>
<td>Introduction to Africa</td>
<td>3</td>
</tr>
<tr>
<td>or AAAS 105/HIST 104</td>
<td>Introduction to African History</td>
<td></td>
</tr>
<tr>
<td>or AAAS 102</td>
<td>Arabic and Islamic Studies</td>
<td></td>
</tr>
</tbody>
</table>

Select four of the following:

- **AAAS 300** African Traditional Religion and Thought
- **ANTH 564** The Peoples of Africa
- **AAAS 545** Unveiling the Veil
- **WGSS 330/AAAS 340** Women in Contemporary African Literature
- **AAAS 415** Women and Islam
- **WGSS/AAAS 560** Race, Gender, and Post-Colonial Discourses
- **AAAS 320** African Studies In: _____
- **AAAS/REL 532** Studies in Islam
- **AAAS 542/REL 535** The History of Islam in Africa
- **HIST 300/AAAS 305** Modern Africa
- **HIST/AAAS 598** Sexuality and Gender in African History
- **HIST 599/AAAS 590** The Rise and Fall of Apartheid
- **HIST 600/AAAS 520** West African History
- **JOUR 500** Topics in Journalism: _____

Select one of the following:

- **AAAS 550** Senior Seminar in: _____
- **AAAS 690** Investigation and Conference
- **AAAS 496** Field Experience

#### Option 3: African Arts and Literature

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAAS 103</td>
<td>Introduction to Africa</td>
<td>3</td>
</tr>
<tr>
<td>or AAAS 105/HIST 104</td>
<td>Introduction to African History</td>
<td></td>
</tr>
<tr>
<td>or AAAS 102</td>
<td>Arabic and Islamic Studies</td>
<td></td>
</tr>
</tbody>
</table>

Select four of the following:

- **THR 226/DANC 235/AAAS 334** Race, Gender, and Post-Colonial Discourses

Select one of the following:

- **AAAS 550** Senior Seminar in: _____
- **AAAS 690** Investigation and Conference
- **AAAS 496** Field Experience
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>THR 302/AAAS 320</td>
<td>Undergraduate Seminar in: _____</td>
</tr>
<tr>
<td>THR 326/AAAS 355</td>
<td>African Theatre and Drama</td>
</tr>
<tr>
<td>THR/DANC/AAAS 334</td>
<td>Introduction to African Dance Theatre</td>
</tr>
<tr>
<td>FMS 544/AAAS 555</td>
<td>African Film</td>
</tr>
<tr>
<td>ENGL 324/AAAS 320</td>
<td>Contemporary Authors: _____</td>
</tr>
<tr>
<td>ENGL 326/AAAS 332</td>
<td>Introduction to African Literature</td>
</tr>
<tr>
<td>ENGL 479/AAAS 433</td>
<td>The Literature of: _____</td>
</tr>
<tr>
<td>ENGL 479/AAAS 434</td>
<td>The Literature of: _____</td>
</tr>
<tr>
<td>ENGL 674</td>
<td>African Literature: _____</td>
</tr>
<tr>
<td>FREN/AAAS 432</td>
<td>Francophone African Literature</td>
</tr>
<tr>
<td>HA/AAAS 376</td>
<td>West African Art</td>
</tr>
<tr>
<td>HA/AAAS 578</td>
<td>Central African Art</td>
</tr>
</tbody>
</table>

Select one of the following: 3

- AAAS 550
- AAAS 690
- AAAS 496

**Option 4: Political Economy of Health and Development in Africa**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAAS 103</td>
<td>Introduction to Africa</td>
</tr>
<tr>
<td>or AAAS 105/HIST 104</td>
<td>Introduction to African History</td>
</tr>
<tr>
<td>or AAAS 102</td>
<td>Arabic and Islamic Studies</td>
</tr>
</tbody>
</table>

Select four of the following: 12

- ANTH 542 | Biology of Human Nutrition |
- ANTH 543 | Nutrition Through the Life Cycle |
- ANTH 650 | Human Reproduction: Biology and Behavior |
- ANTH 762 | Human Growth and Development |
- ANTH 461 | Introduction to Medical Anthropology |
- ANTH 540 | Demographic Anthropology |
- ANTH 783 | Doing Ethnography |
- ANTH 684 | Anthropology and the Health Sciences |
- ECON 587 | Economic Development of Africa |
- GEOG/AAAS 553 | Geography of African Development |
- POLS 665/AAAS 600 | Politics in Africa |
- POLS 667 | Islam and Politics |
- HIST 599/AAAS 590 | The Rise and Fall of Apartheid |
- AAAS 680 | Introduction to Modern Africa |
- ANTH 545/AAAS 554 | Contemporary Health Issues in Africa |

Select one of the following: 3

- AAAS 550
- AAAS 690
- AAAS 496

**Option 5: People and Space in Africa**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAAS 103</td>
<td>Introduction to Africa</td>
</tr>
<tr>
<td>or AAAS 105/HIST 104</td>
<td>Introduction to African History</td>
</tr>
<tr>
<td>or AAAS 102</td>
<td>Arabic and Islamic Studies</td>
</tr>
</tbody>
</table>

Select four of the following: 12

- GEOG/AAAS 350 | Physical Geography of Africa |
- GEOG/AAAS 351 | Africa's Human Geographies |
- GEOG/AAAS 553 | Geography of African Development |
- ANTH 564 | The Peoples of Africa |
- ANTH 549 | Human Paleontology: Fossil Apes to Australopithecus |
- ANTH 501/AAAS 520 | Topics in Sociocultural Anthropology: _____ |
- HIST 599/AAAS 590 | The Rise and Fall of Apartheid |
- AAAS/WGSS 560 | Race, Gender, and Post-Colonial Discourses |
- GEOG 550/AAAS 551/EVRN 420 | Environmental Issues in Africa |

Select one of the following: 3

- AAAS 550
- AAAS 690
- AAAS 496

**Option 6: Student-Designed Cluster**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAAS 103</td>
<td>Introduction to Africa</td>
</tr>
<tr>
<td>or AAAS 105/HIST 104</td>
<td>Introduction to African History</td>
</tr>
<tr>
<td>or AAAS 102</td>
<td>Arabic and Islamic Studies</td>
</tr>
</tbody>
</table>
Program Change Request

Date Submitted: 08/18/17 4:57 pm

Viewing: CHEM-MIN : Chemistry, Minor

Last approved: 05/22/17 9:22 am

Last edit: 08/18/17 4:56 pm

Changes proposed by: dgarens

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Catalog Pages
Using this Program

Minor in Chemistry

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Academic Career Undergraduate, Lawrence
Program Type Minor
Department/Program Chemistry
School/College College of Lib Arts & Sciences
Consulting School(s)/College(s)
Consulting Department(s)
Program Name Chemistry, Minor
Do you intend to offer a track(s)? No
Do you intend for this program to be offered online? No
Effective Catalog 2018 - 2019

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Program Description

Degree Requirements

Requirements for the Minor

The minor allows students outside the department to obtain a strong, distributed background in the discipline. It is particularly useful for students anticipating careers in medicine, health professions, biological sciences, environmental sciences, chemical engineering, business, law, secondary education, or any career in which a basic understanding of the molecular sciences is helpful. A total of 23 credit hours is required, including 13 hours of upper-division work and at least
2 upper-division laboratories. Students should see a chemistry department advisor early in the junior year.

Chemistry Minor Course Requirements

Students selecting this minor must complete the following:

Mathematics and Physics (14-21)

Mathematics: (choose one of the following (MATH 115 & MATH 116 recommended))

- MATH 115 Calculus I
- MATH 116 and Calculus II
- MATH 125 Calculus I
- MATH 126 and Calculus II
- MATH 127 and Calculus III

Physics: (Choose one of the following (PHSX 114 & PHSX 115 recommended))

- PHSX 114 College Physics I
- & PHSX 115 and College Physics II
- PHSX 211 General Physics I
- & PHSX 216 and General Physics I Laboratory
- & PHSX 212 and General Physics II
- & PHSX 236 and General Physics II Laboratory

Chemistry Courses (15)

Chemistry for the Chemical Sciences I. Satisfied by one of the following:

- CHEM 170 Chemistry for the Chemical Sciences I
- CHEM 130 General Chemistry I
- CHEM 190 Foundations of Chemistry I, Honors

Chemistry for the Chemical Sciences II. Satisfied by one of the following:

- CHEM 175 Chemistry for the Chemical Sciences II
- CHEM 135 General Chemistry II
- CHEM 195 Foundations of Chemistry II, Honors

Organic Chemistry I. Satisfied by one of the following:

- CHEM 310 Fundamentals of Organic Chemistry
- CHEM 330 Organic Chemistry I
- CHEM 380 Organic Chemistry I, Honors

Organic Chemistry Lab I. Satisfied by:

- CHEM 331 Organic Chemistry I Laboratory

Chemistry Required Elective Group I (10) 5

Students selecting this minor must complete one of the following:

Analytical Chemistry Lecture and Laboratory. Satisfied by:

- CHEM 620 Analytical Chemistry
- & CHEM 621 and Analytical Chemistry Laboratory

Chemistry Required Elective Group II (3-4) 3-4

Students selecting this minor must complete one of the following:

Physical Chemistry I. Satisfied by:

- CHEM 510 Biological Physical Chemistry
- CHEM 530 Physical Chemistry I

Systematic Inorganic Chemistry. Satisfied by:

- CHEM 660 Systematic Inorganic Chemistry

*Students who elect to take CHEM 520 from Option Group 1 cannot take CHEM 510 or CHEM 530 from Option Group 2.

Minor Hours & Minor GPA

While completing all required courses, minors must also meet each of the following hour and GPA minimum standards:

Minor Hours
Satisfied by 23-24 hours of minor courses.

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

Minor Junior/Senior Hours
Satisfied by a minimum of 13 hours from junior/senior courses (300+) in the minor.

Minor Junior/Senior Graduation GPA
Satisfied by a minimum of a 2.0 KU GPA in all departmental courses (300+) in the minor. GPA calculations include all junior/senior courses in the field of study including F's and repeated courses. See the Semester/Cumulative GPA Calculator.
<table>
<thead>
<tr>
<th>Rationale for proposal</th>
<th>Update to course number changes for Analytical Chemistry course sequence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additional Information</td>
<td>Any student that has taken CHEM 530+535+537 will be allowed those courses and a minor substitution will be filled out.</td>
</tr>
</tbody>
</table>
Program Change Request

Date Submitted: 05/23/17 12:23 pm

Viewing: EVRN-MIN : Environmental Studies, Minor

Last edit: 05/23/17 12:23 pm

Changes proposed by: avoss

Program Description

Requirements for the Minor

Environmental Studies Minor Core (15-20)

Principals of Environmental Studies. Satisfied by 1 of the following options: 3-5

Global Environment I. Satisfied by one of the following:
- EVRN 140
- or EVRN 144

or
- EVRN/GEOG 148
- or EVRN/GEOG 149

Scientific Principles of Environmental Studies. Satisfied by one of the following: 3-5

- EVRN 142
- or EVRN 145

or
- EVRN/HIST 103

Environmental History and Culture. Satisfied by 1 of the following options: 3-5

- EVRN 142
- or EVRN 145

or
- EVRN/HIST 103

Environment and History. Satisfied by:
- EVRN/HIST 103

Effective Catalog 2018 - 2019
Environment, Culture, and Society. Satisfied by:
   EVRN/GEOG 450  Environmental Policy Analysis
   Environmental History of North America. Satisfied by:
   EVRN/HIST 347  Environmental History of North America
   Environmental Policy Analysis. Satisfied by:
   EVRN 320  Environmental Policy Analysis
   Environmental Law. Satisfied by:
   EVRN 332  Environmental Law
   Research Methods. Satisfied by 1 of the following options:
   Geospatial Analysis. Satisfied by:
   EVRN 410  Environmental Applications of Geographic Information Systems
   Field Ecology. Satisfied by:
   EVRN 460  Field Ecology
   Environmental Economics. Satisfied by:
   ECON/EVRN 550  Environmental Economics
   Principles of Geographic Information Systems. Satisfied by:
   GEOG 358  Principles of Geographic Information Systems
   Biogeography Field and Laboratory Techniques. Satisfied by:
   EVRN/GEOG 433  Biogeography Field and Laboratory Techniques
   Environmental Planning Techniques. Satisfied by:
   UBPL 538  Environmental Planning Techniques
   Environmental Geology. Satisfied by:
   GEOC 351  Environmental Geology

Environmental Studies elective at the Junior/Senior Level. Satisfied by 1 additional EVRN course at the Junior/Senior Level (300+).

**Minor Hours & Minor GPA**

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

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

**Minor Hours in Residence**
Satisfied by a minimum of 9 junior/senior (300+) hours of KU resident credit in the major.

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

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

---

**Rationale for proposal**
GEOG/EVRN 433 removed due to deactivation of GEOG 433 per the attached email from Beverly Koerner. This course was the only course listed under "Biogeography Field and Laboratory Techniques," so we have subsequently removed that category from the Research Methods section, leaving six alternative options.

**Additional Information**

**Supporting Documents**

**Program Reviewer Comments**
Program Change Request

Date Submitted: 06/01/17 11:01 am

Viewing: **GEOG-MIN : Geography, Minor**

Last edit: 06/09/17 8:48 am

Changes proposed by: koerner

### Program Description

**Degree**

**Requirements**

### Requirements for the Minor in Geography

The department offers 2 minor options. The first is a general minor in geography. The second is specifically designed to give students a background in geoinformatics. Students should carefully consider which minor best meets their academic goals before choosing one.

#### Geography General Option

Students selecting this minor must complete 6 GEOG courses (18 hours), 12 hours of which must be taken at the 300 level or above.

**Geoinformatics Geographic Information Science**

Maps and Mapping/computers, Maps, and Geographical Analysis. Satisfied by:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 111</td>
<td>Mapping Our Changing World</td>
<td>4</td>
</tr>
</tbody>
</table>

Methods of Analyzing Geographical Data. Satisfied by:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 316</td>
<td>Methods of Analyzing Geographical Data</td>
<td>4</td>
</tr>
</tbody>
</table>

Principles of Geographic Information Systems. Satisfied by:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 358</td>
<td>Principles of Geographic Information Systems</td>
<td>4</td>
</tr>
</tbody>
</table>
Three additional courses from Geoinformatics group 300-level or above from the list below:

| GEOG 311 | Introductory Cartography and Geovisualization    | 4 |
| GEOG 319 | Topics in Techniques:                           | 1-3 |
| GEOG 360 | Computer Programming for Mapping and Spatial Analysis | 3 |
| GEOG 468 | Geographical Information Systems:               | 1-6 |
| GEOG 512 | Advanced Cartography and Geovisualization       | 4 |
| GEOG 516 | Applied Multivariate Analysis in Geography      | 2 |
| GEOG 526 | Remote Sensing of Environment I                 | 4 |
| GEOG 528 | Spatial Databases                               | 3 |
| GEOG 560 | Intermediate Geographical Information Systems   | 4 |
| GEOG 566 | GIS Application Programming                     | 3 |
| GEOG 648 | Location Modeling                               | 3 |
| GEOG 658 | Topics in Geospatial Technologies:              | 1-6 |
| GEOG 711 | Advanced Topics in Geovisualization             | 3 |
| GEOG 716 | Advanced Geostatistics                          | 3 |
| GEOG 726 | Remote Sensing of Environment II                | 4 |
| GEOG 788 | Geographic Information Science                  | 4 |

**Geography Minor Hours & Minor GPA**

While completing all required courses, minors must also meet each of the following hour and GPA minimum standards:

- **Minor Hours**: Satisfied by 21 by-18 hours of minor courses.
- **Minor Hours in Residence**: Satisfied by a minimum of 9 hours of KU resident credit in the minor.
- **Minor Junior/Senior (300+) Hours**: Satisfied by a minimum of 12 hours from junior/senior courses (300+) in the minor.
- **Minor Graduation GPA**: Satisfied by a minimum of a 2.0 KU GPA in all departmental courses in the minor. GPA calculations include all departmental courses in the field of study including F's and repeated courses. See the Semester/Cumulative GPA Calculator.
Program Change Request

Date Submitted: 06/30/17 11:41 am

Viewing: PHSX-MIN : Physics, Minor

Last edit: 07/25/17 8:59 am
Changes proposed by: shark

Catalog Pages

Using this Program

Minor in Physics

Academic Career
Undergraduate, Lawrence

Program Type
Minor

Department/Program
Physics & Astronomy

School/College
College of Lib Arts & Sciences

Consulting
School(s)/College(s)

Consulting
Department(s)

Program Name
Physics, Minor

Do you intend to offer a track(s)?
No

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

Effective Catalog
2018 - 2019

Program Description

Requirements for the Minor in Physics

Requirements for the Minor in Physics

Student selecting this minor must complete courses as specified in each of the following areas:

General Physics I. Satisfied by one of the following:
- PHSX 201 & PHSX 114
- Calculus Supplement to College Physics I and College Physics I
- PHSX 210
- General Physics I for Engineers
- PHSX 211 & PHSX 216
- General Physics I
- PHSX 213 & PHSX 216
- General Physics I Laboratory

General Physics II. Satisfied by one of the following:
- PHSX 202 & PHSX 115
- Calculus Supplement to College Physics II and College Physics II
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHSX 212</td>
<td>General Physics II</td>
<td>4</td>
</tr>
<tr>
<td>&amp; PHSX 236</td>
<td>and General Physics II Laboratory</td>
<td></td>
</tr>
<tr>
<td>PHSX 214</td>
<td>General Physics II Honors</td>
<td></td>
</tr>
<tr>
<td>PHSX 313</td>
<td>General Physics III</td>
<td>4</td>
</tr>
<tr>
<td>&amp; PHSX 316</td>
<td>and Intermediate Physics Laboratory I</td>
<td></td>
</tr>
<tr>
<td>Mechanics I</td>
<td>Satisfied by:</td>
<td></td>
</tr>
<tr>
<td>PHSX 521</td>
<td>Mechanics I</td>
<td>3</td>
</tr>
<tr>
<td>Electricity and Magnetism</td>
<td>Satisfied by:</td>
<td>3</td>
</tr>
<tr>
<td>PHSX 531</td>
<td>Electricity and Magnetism</td>
<td></td>
</tr>
<tr>
<td>Physics Required Elective</td>
<td>Satisfied by:</td>
<td>3</td>
</tr>
<tr>
<td>PhSX course numbered 500 or above</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Hours</td>
<td></td>
<td>21-22</td>
</tr>
</tbody>
</table>

**Minor Hours & Minor GPA**

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

**Minor Hours**
Satisfied by 21 hours of major courses.

**Minor Hours in Residence**
Satisfied by a minimum of 9 junior/senior (300+) hours of KU resident credit in the major.

**Minor Junior/Senior (300+) Hours**
Satisfied by a minimum of 13 hours from junior/senior courses (300+) in the minor.

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

**Rationale for proposal**
We need to update this program to include "relatively" new methods (i.e., courses and series of courses) for satisfying the General Physics I and General Physics II requirements. We hope these changes will also encourage students from the School of Engineering to consider this minor program.

**Additional Information**
The total hours for satisfying General Physics I should be '4 - 5'. I'm not sure how to fix that with this editor. Sorry about that.
Program Description

Degree Requirements

Requirements for the Spanish Minor

The minor requires 20 hours, as well as prerequisite knowledge.

Prerequisites

To advance to Span 340 students must earn a grade of B- or higher in \textit{SPAN 323} or \textit{SPAN 324}, and 328, or have departmental consent.

Minor Requirements (20)

Students must complete 20 hours of coursework, including the following required courses:

- \textit{SPAN 101} Orientation Seminar in Spanish and Portuguese \hspace{1cm} 1
- \textit{SPAN 324} Grammar and Composition \hspace{1cm} 3
- \textit{SPAN 323} Spanish Composition and Cultural Analysis \hspace{1cm} 3
- \textit{SPAN 328} Intermediate Spanish Conversation \hspace{1cm} 2
- \textit{SPAN 340} Textual Analysis and Critical Reading \hspace{1cm} 3
- \textit{SPAN 346} Transatlantic Hispanic Cultures \hspace{1cm} 3
- \textit{SPAN 424} Advanced Spanish Composition and Grammar \hspace{1cm} 3
- \textit{SPAN 428} Advanced Spanish Conversation \hspace{1cm} 2
A 3 hour, 400-level literature course (SPAN 440, 441, 442, 450, 451, 452, 453, 460, 461, 462, 463, 464).

Minor Hours & GPA

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

Minor Hours
Satisfied by 20 hours of minor courses.

Minor Hours in Residence
Satisfied by a minimum of 9 hours of junior/senior (300+) hours of KU resident credit in the minor.

Minor Junior/Senior Hours
Satisfied by a minimum of 19 hours from junior/senior courses (300+) in the major.

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

### Rationale for proposal
The purpose of this proposal is to strengthen the Spanish major and minor tracks and to provide students with options for completing the requirements for the major and minor in a timely fashion. The proposal also improves the course sequence for the major and minor by eliminating an anti-requisite and by giving students options for completing the course requirements in a logical progression.

### Additional Information
It likewise improves articulation with course selection in Study Abroad academic programs supported by the Department of Spanish and Portuguese in Buenos Aires, Barcelona, San José, Costa Rica, and Salamanca, Spain, by opening up more course options for students who enroll in these programs.

### Supporting Documents
- UNDERGRADUATE STUDIES_changesSPAN.pdf

### Program Reviewer Comments
Rachel Schwien (rschwien) [07/17/17 1:49 pm]: Submitted on behalf of Isidro Rivera
The Department of Geography and Atmospheric Science in the College of Liberal Arts and Sciences proposes to create a new undergraduate certificate program in Geographic Information Science (GIScience).

Geographic information systems (GIS) consist of computer hardware, software, data, and people that is used to capture, manage, analyze, display, and distribute all forms of geographically referenced information. Effective use of GIS has evolved into a requisite skill in most academic research, as well as for agencies in both the public and private sectors. Undergraduate students from such varied disciplines as geography, atmospheric science, biology, engineering, economics, urban planning, landscape architecture, and sociology benefit from applying GIS and related technologies such as global positioning systems (GPS), remote sensing, spatial statistics, and computer programming to input, analyze, model, and display (map) location-based data. As such, it has found wide applications in the sciences and engineering, as well as in business, government, military, and consumer areas.

The proposed certificate program is designed to provide undergraduate students with the knowledge and skills necessary to succeed in the rapidly expanding field of GIScience or apply GIScience concepts in their own field of study. The undergraduate certificate program complements the existing B.G.S., B.A., and B.S. degrees and builds upon the existing undergraduate concentration in GIScience within the department.

Degree Requirements
General requirements:
Students must maintain a 2.5 GPA in courses taken in the certificate program. A student pursuing the certificate can take no longer than 7 years to pursue the certificate unless a leave of absence or other extenuating circumstances are present.

Course requirements:
To complete the certificate, 14 credit hours must be completed within 7 academic years. Among them 8 credit hours are from two required core GIS courses and additional 6 credit hours are from electives. Only one course outside of the department can be included in these 14 credit hours.

Courses may be waived in consultation with the Director if the student can demonstrate satisfactory completion of similar coursework. If transfer courses are to be used to meet program requirements, the student must furnish the program director with a certified university transcript and, in some instances, a copy of the class syllabus. A maximum of 6 transfer credit hours may be used to meet program requirements.

### Core Geographic Information Systems Courses (16)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 556</td>
<td>Principles of Geographic Information Systems</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 556</td>
<td>Intermediate Geographical Information Systems</td>
<td>4</td>
</tr>
</tbody>
</table>

### Elective courses (6)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>GEOG 519</td>
<td>Topics in Techniques:</td>
</tr>
<tr>
<td>GEOG 528</td>
<td>Spatial Databases</td>
</tr>
<tr>
<td>GEOG 648</td>
<td>Location Modeling</td>
</tr>
<tr>
<td>GEOG 658</td>
<td>Topics in Geospatial Technologies:</td>
</tr>
<tr>
<td>GEOG 758</td>
<td>Geographic Information Science</td>
</tr>
</tbody>
</table>

### Geographic Information Systems

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>GEOG 311</td>
<td>Introductory Cartography and Geovisualization</td>
</tr>
<tr>
<td>GEOG 511</td>
<td>Intermediate Cartography:</td>
</tr>
<tr>
<td>GEOG 514</td>
<td>Visualizing Spatial Data</td>
</tr>
<tr>
<td>GEOG 517</td>
<td>Data Handling and Map-Symbolization</td>
</tr>
<tr>
<td>GEOG 710</td>
<td>Information Design</td>
</tr>
<tr>
<td>GEOG 512</td>
<td>Advanced Cartography and Geovisualization</td>
</tr>
<tr>
<td>GEOG 711</td>
<td>Advanced Topics in Geovisualization</td>
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</table>

### Programming

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>GEOG 360</td>
<td>Computer Programming for Mapping and Spatial Analysis</td>
</tr>
<tr>
<td>GEOG 560</td>
<td>GIS Application Programming</td>
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</tbody>
</table>

### Cartography

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>GEOG 511</td>
<td>Introductory Cartography and Geovisualization</td>
</tr>
<tr>
<td>GEOG 511</td>
<td>Intermediate Cartography:</td>
</tr>
<tr>
<td>GEOG 514</td>
<td>Visualizing Spatial Data</td>
</tr>
<tr>
<td>GEOG 517</td>
<td>Data Handling and Map-Symbolization</td>
</tr>
<tr>
<td>GEOG 710</td>
<td>Information Design</td>
</tr>
<tr>
<td>GEOG 512</td>
<td>Advanced Cartography and Geovisualization</td>
</tr>
<tr>
<td>GEOG 711</td>
<td>Advanced Topics in Geovisualization</td>
</tr>
</tbody>
</table>

### Statistics

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 316</td>
<td>Methods of Analyzing Geographical Data</td>
</tr>
<tr>
<td>GEOG 516</td>
<td>Applied Multivariate Analysis in Geography</td>
</tr>
<tr>
<td>GEOG 716</td>
<td>Advanced Geostatistics</td>
</tr>
</tbody>
</table>

### Remote Sensing

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 526</td>
<td>Remote Sensing of Environment I</td>
</tr>
<tr>
<td>GEOG 726</td>
<td>Remote Sensing of Environment II</td>
</tr>
<tr>
<td>ATMO 642</td>
<td>Remote Sensing</td>
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</table>

### Geographic Information Systems focused internship or independent study

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 490</td>
<td>Geographic Internship</td>
</tr>
<tr>
<td>GEOG 499</td>
<td>Special Topics in Geography:</td>
</tr>
<tr>
<td>GEOG 518</td>
<td>Geoinformatics Internship</td>
</tr>
</tbody>
</table>

### Geographic Information Systems application courses from other departments (EEB, Geology, Urban Planning, SPAA, EVRN, Business, and Engineering)

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**Rationale for proposal**
Because of recent changes in cartography faculty in the department, we are cleaning up cartography courses by removing the courses we won’t be able to offer and adding new cartography courses that are offered by a new cartography staff.

**Additional Information**

**Supporting Documents**

**Program Reviewer Comments**
Rachel Schwien (rschwien) (05/11/17 9:19 am): Rollback for further edits