

Faculty Senate meeting, 3-13-18 Consent Agenda - Course Proposals

Committee	Faculty Senate
Notes	<p>These course proposals were approved at the college level and Graduate Council (where needed) and were approved by the Faculty Senate Academic Affairs committee during their February meetings.</p> <p>The FS Executive Committee approved placement of these proposals on the FS agenda. Once approved they will be moved on to the final implementation stage. These are course proposals and therefore do not need KBOR approval.</p> <p>To view a course proposal, with markup, you must choose "view proposal" (not just the summary) and then in the right hand column under "User Tracking" you must select "show current with markup" from the drop down options.</p>
Total Proposals	16

ANTH - 310 - Environmental Anthropology: Living with Change in the Anthropocene

2017-2018 Appendix A: Course Form - New

General Catalog Information	
Contact person for this proposal*	Trevor Durbin; tdurbin@ksu.edu; 532-4981
Department*	Sociology, Anthropology, and Social Work
Subject*	ANTH
Catalog Number*	310
Long Course Title*	Environmental Anthropology: Living with Change in the Anthropocene
Short Title*	Environmental Anth
Credit Hours/Units*	3
Course Description*	<p>Explores anthropological and human science approaches to the complex causes and consequences of environmental change, including climate change, mass species extinction, industrial pollution, and deforestation. Students learn about economic, cultural, and political drivers of environmental degradation and discuss solutions for a more sustainable future from the perspective of social and cultural theory.</p>
Note	

Repeat for Credit	
Requisites (Prerequisite, Corequisite, Recommended Prerequisite)	
Cross-listed	
K-State 8 Tag 1	K-State 8 Tag 2
Social Sciences	Global Issues and Perspectives
Rationale for K-State 8 tag	This is a social science course and therefore should count as a social science class (S) in the K-State 8. This course primarily considers the causes and consequences of environmental change and therefore should be given a Global Issues and Perspectives (G) tag in the K-State 8.
Typically Offered*	Fall
Grading Basis*	<input checked="" type="radio"/> Graded <input type="radio"/> Graded-IH (Exempt) <input type="radio"/> Credit/No Credit <input type="radio"/> Student Option (Graded and APassF) <input type="radio"/> Student Option-IH (Graded and APassF; Exempt)
Note: Choose "Exempt" option <u>only</u> if grade of Incomplete will <u>never</u> convert to F	
Course Titles*	<input checked="" type="checkbox"/> Title May Not Vary <input type="checkbox"/> Vary by Section <input type="checkbox"/> Vary by Student
Course Attributes	
Primary Component*	SEM-Seminar
Other required components	

Will one or more sections of this course be offered as distance education? Yes No

Course syllabus attached? Course syllabus (if required for review by college course and curriculum committee)

For Veterinary Medicine courses only: Course is offered for types of credit

- Undergraduate
- Graduate
- Veterinary Medicine

For Arts and Sciences courses only

- Fine Arts
- Western Heritage
- Literary
- Social Science
- Natural Sciences
- Physical Sciences
- Quantitative
- International Overlay
- General Education (i.e. K-State 8)

Rationale and Impact

Rationale* Students in this new class will learn how anthropological concepts and theories aid understanding and adaptation in a time of profound environmental change. The professor teaching this course is a newly hired TT cultural anthropologist with expertise in this subfield, and this will be one of his regular elective courses. When this course was taught by a visiting instructor here at K-State in the past, it was very successful, with a lot of interest generated for majors and others.

Impact Report

Impact Statement (i.e. if this impacts another unit)* None.

Projected First Term Offered

Projected Term*

2185 Fall 2018

Please note the following deadlines:

Projected First Term Offered:	Must be submitted to Graduate Council Academic Affairs by the 10th of the month*:	Must be approved by Graduate Council*:	Must be submitted to Faculty Senate Academic Affairs 10 calendar days prior to:	Must be approved by Faculty Senate by:
Fall	January	February	2nd February Meeting	March
Spring	August	September	2nd September Meeting	October
Summer	November	December	2nd January Meeting	February

*Courses 600 and above

For Graduate Council meeting schedule: <http://www.k-state.edu/grad/faculty/graduate-council/>.

For Faculty Senate meeting schedule: <http://www.k-state.edu/facsen/>.

Questions about the process: <http://www.k-state.edu/registrar/ccap/>.

Routing

Does your department have a Department Curriculum Committee? * Yes No

For Acalog Use Only

Course Type

Status Active Inactive

Actual Effective Term Fall 2018

KSIS

Acalog-Undergraduate

Acalog-Graduate

DARS

Global Campus

Requisite Processing

Implementation Notes

ANTH - 314 - Introduction to the World's Religions**2017-2018 Appendix A: Course Form - New****General Catalog Information****Contact person
for this
proposal *** Michael Wesch**Department ***

Sociology, Anthropology, and Social Work

Subject *

ANTH

**Catalog
Number *** 314**Long Course
Title *** Introduction to the World's Religions**Short Title *** Intro World's Religions**Credit Hours/
Units *** 3**Course
Description ***

Survey of religious beliefs, practices, and experiences from around the world. Emphasis is on religious practices and experiences in different cultural contexts.

Note**Repeat for Credit****Requisites
(Prerequisite,
Corequisite,
Recommended
Prerequisite)**

None

Cross-listed**K-State 8 Tag 1**Global Issues
and
Perspectives**K-State 8 Tag 2**Social
Sciences**Rationale for
K-State 8 tag**

Course is global in scope and surveys a wide range of different religious

and cultural perspectives (Global Issues and Perspectives) using the frameworks of theories from social science (Social Sciences).

Typically Offered*

Fall or Spring

Grading Basis*

- Graded
 Graded-IH (Exempt)
 Credit/No Credit
 Student Option (Graded and APassF)
 Student Option-IH (Graded and APassF; Exempt)

Note: Choose "Exempt" option only if grade of Incomplete will never convert to F

Course Titles*

- Title May Not Vary
 Vary by Section
 Vary by Student

Course Attributes

Primary Component*

LEC-Lecture

Other required components

Will one or more sections of this course be offered as distance education? Yes No

Course syllabus attached?

- Course syllabus (if required for review by college course and curriculum committee)

For Veterinary Medicine courses only: Course is offered for types of credit

- Undergraduate
 Graduate
 Veterinary Medicine

For Arts and Sciences courses only

- Fine Arts
 Western Heritage
 Literary
 Social Science
 Natural Sciences
 Physical Sciences
 Quantitative
 International Overlay
 General Education (i.e. K-State 8)

Rationale and Impact

Rationale*

The university does not currently offer a course on world religions.
 There is strong wide-spread interest in religion among

students.

Many people have strong misconceptions about and biases against different religious beliefs and practices.

Religious traditions of the world have a significant impact on economics, politics, society, and art. A strong general education background should involve the study of these traditions.

Impact Report

Impact Statement (i.e. if this impacts another unit)* This course complements other more specific courses across the campus by providing a broad overview of religious traditions around the world. Courses it would complement include:

Intro to Philosophy of Religion
 Philosophy of Religion
 Anthropology of Asian Religions
 Religion in Culture (ANTH 618)
 History of Christianity
 Women and Religion (GWSS 580)
 Sociology of Religion (SOCIO 643)
 Religion in Culture (ANTH 618)

Projected First Term Offered

Projected Term*

2185 Fall 2018

Please note the following deadlines:

Projected First Term Offered:	Must be submitted to Graduate Council Academic Affairs by the 10th of the month*:	Must be approved by Graduate Council*:	Must be submitted to Faculty Senate Academic Affairs 10 calendar days prior to:	Must be approved by Faculty Senate by:
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Spring	August	September	2nd September Meeting	October
Summer	November	December	2nd January Meeting	February

*Courses 600 and above

For Graduate Council meeting schedule: <http://www.k-state.edu/grad/faculty/graduate-council/>.

For Faculty Senate meeting schedule: <http://www.k-state.edu/facsen/>.

Questions about the process: <http://www.k-state.edu/registrar/ccap/>.

Routing

Does your department have a Department Curriculum Committee? Yes No

For Acalog Use Only

Course Type

Status Active Inactive

Actual Effective Term

KSIS

Acalog-Undergraduate

Acalog-Graduate

DARS

Global Campus

Requisite Processing

Implementation Notes

ANTH - 315 - Introduction to Medical Anthropology**2017-2018 Appendix A: Course Form - New****General Catalog Information**

Contact person for this proposal * Trevor Durbin; tdurbin@ksu.edu; 532-4981

Department * **Sociology, Anthropology, and Social Work**

Subject * **ANTH**

Catalog Number * 315

Long Course Title * Introduction to Medical Anthropology

Short Title * Medical Anthropology

Credit Hours/ Units * 3

Course Description * Explores disease, illness, and medical systems from a cross-cultural perspective. Includes the impacts of culture, gender, wealth inequality and other structural conditions on health and well-being.

Note

Repeat for Credit

Requisites (Prerequisite, Corequisite, Recommended Prerequisite)

Cross-listed

K-State 8 Tag 1 **Social Sciences**

K-State 8 Tag 2 **Human Diversity within the U.S.**

Rationale for This is a social science course and therefore should count as a social

K-State 8 tag science class (S) in the K-State 8. This course considers a diversity of perspectives on illness and healing. Most examples are intercultural but are placed within the US. Therefore, this course should be given tag (D), Human Diversity within the US.

Typically Offered*

Fall

Grading Basis*

- Graded
 Graded-IH (Exempt)
 Credit/No Credit
 Student Option (Graded and APassF)
 Student Option-IH (Graded and APassF; Exempt)

Note: Choose "Exempt" option only if grade of Incomplete will never convert to F

Course Titles*

- Title May Not Vary
 Vary by Section
 Vary by Student

Course Attributes

Primary Component*

LEC-Lecture

Other required components

Will one or more sections of this course be offered as distance education? Yes No

Course syllabus attached?

- Course syllabus (if required for review by college course and curriculum committee)

For Veterinary Medicine courses only: Course is offered for types of credit

- Undergraduate
 Graduate
 Veterinary Medicine

For Arts and Sciences courses only

- Fine Arts
 Western Heritage
 Literary
 Social Science
 Natural Sciences
 Physical Sciences
 Quantitative
 International Overlay
 General Education (i.e. K-State 8)

Rationale and Impact

Rationale*

This course provides an Introduction to major theories and concepts in the anthropological sub-field of "medical anthropology", as well as healing systems from a variety of cultures. The professor teaching this course is a newly hired TT cultural anthropologist with expertise in this subfield, and

this will be one of his regular elective courses. When this course was taught by a visiting instructor here at K-State in the past, it was very successful, with a lot of interest generated for majors and pre-med students from around the college.

Impact Report

Impact Statement (i.e. if this impacts another unit)* None.

Projected First Term Offered

Projected Term*

2185 Fall 2018

Please note the following deadlines:

Projected First Term Offered:	Must be submitted to Graduate Council Academic Affairs by the 10th of the month*:	Must be approved by Graduate Council*:	Must be submitted to Faculty Senate Academic Affairs 10 calendar days prior to:	Must be approved by Faculty Senate by:
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Spring	August	September	2nd September Meeting	October
Summer	November	December	2nd January Meeting	February

*Courses 600 and above

For Graduate Council meeting schedule: <http://www.k-state.edu/grad/faculty/graduate-council/>.

For Faculty Senate meeting schedule: <http://www.k-state.edu/facsen/>.

Questions about the process: <http://www.k-state.edu/registrar/ccap/>.

Routing

Does your

department have a Department Curriculum Committee? Yes No

For Acalog Use Only

Course Type
Status <input type="radio"/> Active <input type="radio"/> Inactive
Actual Effective Term Fall 2018
KSIS
Acalog-Undergraduate
Acalog-Graduate
DARS
Global Campus
Requisite Processing
Implementation Notes

EDCEP - 930 - Approaches to Academic Advising: Linking Theory, Research, and Practice

2017-2018 Appendix A: Course Form - New

General Catalog Information (NEW)

Contact person for this proposal* Ken Hughey

Department*

Special Education, Counseling, and Student Affairs

Subject*

EDCEP

Catalog Number* 930

Long Course Title* Approaches to Academic Advising: Linking Theory, Research, and Practice

Short Title* Approaches to Acad Adv

Credit Hours/ Units* 3

Course Description*

This is an advanced study of foundational and emerging academic advising approaches. It aims to deepen student knowledge of the interdisciplinary scholarship and theory that underpin these approaches. Approaches will be from critical perspectives including applicability with different student groups and at different institutions; an evaluation of outcome research; and an exploration of assessment strategies.

Rationale and Impact (NEW)

Rationale* This doctoral course is a new course in the proposed new subplan, Leadership in Academic Advising, for the doctoral program in Counseling and Student Development. It addresses relevant contact for doctoral students in the new subplan.

Impact Statement (i.e. if this impacts another unit)* None

Projected Term*

2185 Fall 2018

Need help? See deadlines <http://www.k-state.edu/curriculum/deadlines/index.html>

More Catalog Information (NEW)

Note

Repeat for Credit NO

Requisites (Prerequisite, Corequisite, Recommended Prerequisite) Admission to doctoral program Leadership in Academic Advising

Cross-listed NO

K-State 8 Tag 1

K-State 8 Tag 2

Rationale for K-State 8 tag

Typically Offered*

Other

Grading Basis*

- Graded
- Graded-IH (Exempt)
- Credit/No Credit
- Student Option (Graded and APassF)
- Student Option-IH (Graded and APassF; Exempt)

Note: Choose "Exempt" option only if grade of Incomplete will never convert to F

Course Titles*

- Title May Not Vary
- Vary by Section
- Vary by Student

Course Attributes

Primary Component*

LEC-Lecture

Other required components

Will one or more sections of this course be offered as distance education?

Yes No

Course syllabus attached?

- Course syllabus (required by colleges of AS, BA, ED, EN, HE, VM)

For Veterinary Medicine courses only: Course is offered for types of credit

- Undergraduate
- Graduate
- Veterinary Medicine

For Arts and Sciences courses only

- Fine Arts
- Western Heritage
- Literary
- Social Science
- Natural Sciences
- Physical Sciences
- Quantitative
- International Overlay
- General Education (i.e. K-State 8)

Routing (NEW)

Does your department have a Department Curriculum Committee? Yes No

For Acalog Use Only (NEW)

Course Type

Status Active Inactive

Actual Effective Term

KSIS

Acalog-Undergraduate

Acalog-Graduate

DARS

Global Campus

Requisite Processing

Implementation Notes

Form Revised: 10-6-2017

EDCEP - 932 - Ethical Issues and Practice in Academic Advising

2017-2018 Appendix A: Course Form - New

General Catalog Information (NEW)**Contact person
for this
proposal *** Ken Hughey**Department ***

Special Education, Counseling, and Student Affairs

Subject *

EDCEP

**Catalog
Number *** 932**Long Course
Title *** Ethical Issues and Practice in Academic Advising**Short Title *** Ethical Issues Acad Adv**Credit Hours/
Units *** 3**Course
Description ***

This course explores ethical theories and principles, moral development frameworks, and value issues confronting academic advising leadership. It is based on the premise that all advising professionals are ethicists that make decisions every day. The course incorporates a comprehensive, interdisciplinary approach to ethical theories and practice in academic advising leadership.

Rationale and Impact (NEW)

Rationale* This doctoral course is a new course in the proposed new subplan, Leadership in Academic Advising, for the doctoral program in Counseling and Student Development. It addresses relevant contact for doctoral students in the new subplan.

Impact Statement (i.e. if this impacts another unit)* None

Projected Term*

2185 Fall 2018

Need help? See deadlines <http://www.k-state.edu/curriculog/deadlines/index.html>

More Catalog Information (NEW)

Note

Repeat for Credit No

Requisites (Prerequisite, Corequisite, Recommended Prerequisite) Admission to the doctoral program Leadership in Academic Advising

Cross-listed No

K-State 8 Tag 1

K-State 8 Tag 2

Rationale for K-State 8 tag

Typically Offered*

Other

Grading Basis*

- Graded
- Graded-IH (Exempt)
- Credit/No Credit
- Student Option (Graded and APassF)
- Student Option-IH (Graded and APassF; Exempt)

Note: Choose "Exempt" option only if grade of Incomplete will never convert to F

Course Titles*

- Title May Not Vary
- Vary by Section
- Vary by Student

Course Attributes

Primary Component*

LEC-Lecture

Other required components

Will one or more sections of this course be offered as distance education?

- Yes No

Course syllabus attached?

- Course syllabus (required by colleges of AS, BA, ED, EN, HE, VM)

For Veterinary Medicine courses only: Course is offered for types of credit

- Undergraduate
- Graduate
- Veterinary Medicine

For Arts and Sciences courses only

- Fine Arts
- Western Heritage
- Literary
- Social Science
- Natural Sciences
- Physical Sciences
- Quantitative
- International Overlay
- General Education (i.e. K-State 8)

Routing (NEW)

Does your department have a Department Curriculum Committee? Yes No

For Acalog Use Only (NEW)

Course Type

Status Active Inactive

Actual Effective Term

KSIS

Acalog-Undergraduate

Acalog-Graduate

DARS

Global Campus

Requisite Processing

Implementation Notes

Form Revised: 10-6-2017

EDCEP - 934 - Research in Academic Advising**2017-2018 Appendix A: Course Form - New****General Catalog Information (NEW)****Contact person
for this
proposal *** Ken Hughey**Department ***

Special Education, Counseling, and Student Affairs

Subject *

EDCEP

**Catalog
Number *** 934**Long Course
Title *** Research in Academic Advising**Short Title *** Research Acad Advising**Credit Hours/
Units *** 3**Course
Description ***

This course examines specific applications of theoretical, quantitative, qualitative, and mixed research methods in academic advising. The course provides a framework for the development of a research proposal directly related to critical questions in the field.

Rationale and Impact (NEW)

Rationale* This doctoral course is a new course in the proposed new subplan, Leadership in Academic Advising, for the doctoral program in Counseling and Student Development. It addresses relevant contact for doctoral students as they prepare a proposal for dissertation.

Impact Statement (i.e. if this impacts another unit)* None

Projected Term*

2185 Fall 2018

Need help? See deadlines <http://www.k-state.edu/curriculog/deadlines/index.html>

More Catalog Information (NEW)

Note

Repeat for Credit No

Requisites (Prerequisite, Corequisite, Recommended Prerequisite) Admission to the Leadership in Academic Advising doctoral program

Cross-listed No

K-State 8 Tag 1

K-State 8 Tag 2

Rationale for K-State 8 tag

Typically Offered*

Other

Grading Basis*

- Graded
- Graded-IH (Exempt)
- Credit/No Credit
- Student Option (Graded and APassF)
- Student Option-IH (Graded and APassF; Exempt)

Note: Choose "Exempt" option only if grade of Incomplete will never convert to F

Course Titles*

- Title May Not Vary
- Vary by Section
- Vary by Student

Course Attributes

Primary Component*

LEC-Lecture

Other required components

Will one or more sections of this course be offered as distance education? Yes No

Course syllabus attached?

- Course syllabus (required by colleges of AS, BA, ED, EN, HE, VM)

For Veterinary Medicine courses only: Course is offered for types of credit

- Undergraduate
- Graduate
- Veterinary Medicine

For Arts and Sciences courses only

- Fine Arts
- Western Heritage
- Literary
- Social Science
- Natural Sciences
- Physical Sciences
- Quantitative
- International Overlay
- General Education (i.e. K-State 8)

Routing (NEW)

Does your department have a Department Curriculum Committee? Yes No

For Acalog Use Only (NEW)

Course Type

Status Active Inactive

Actual Effective Term

KSIS

Acalog-Undergraduate

Acalog-Graduate

DARS

Global Campus

Requisite Processing

Implementation Notes

Form Revised: 10-6-2017

EDCEP - 937 - Administration of Academic Advising**2017-2018 Appendix C: Course Form - Change****General Catalog Information (CHANGE)****IMPORTANT: Import course information**Click the Import icon above 

Select catalog

Select "Prefix" in the "Or Add Filter" drop down

Enter Prefix (subject area)

Select "Code" in the "Add Another Filter" drop down

Enter Code (course number)

Click "Search Available Curriculum"

Select desired course

Click "Import this Item"

- Select Non-Expedited changes requested Course number changes outside same level (LD=0-299; UD=300-699; GR1=700-899; GR2=900-999)
- Significant course title or description updates that change primary content of course
- Adding or changing a K-State 8 tag
 - Dividing a course into two or more courses
 - Combining two or more courses into one course
 - Change in delivery method/components (lec, seminar, etc)
 - Prerequisite change that impacts another college
 - Other change that impacts another college

- Expedited or Non-Expedited? * Non-Expedited Process (if selected one of the changes above)
- Expedited Process (minimal change that does NOT include any of the above)

Contact person for this proposal* Ken Hughey

IMPORTANT:**Do NOT change imported course information until proposal is launched.****Go to "Rationale and Impact" section next**

Department*

Special Education, Counseling, and Student Affairs

Subject*

EDCEP

Catalog Number* 937

Long Course Title*

Administration of Academic Advising

Short Title (provide if title changed above)

Adm of Academic Adv

Credit Hours/ Units* 3

Course Description*

A critical study of administration of academic advising in higher education settings. Relevant theories, research, concepts, models, applications, practices, and other factors are addressed in the course.

Rationale and Impact (CHANGE)

Rationale* This course proposal is to change the course from the MS in Academic Advising to the PhD in Counseling & Student Development (subplan Leadership in Academic Advising). The content, including the enhancements proposed with the change, were recommended by several experts in the field of Academic Advising.

IMPORTANT: Run impact report

Click the Impact icon above 

Copy and paste the results in the field below

Impact Report* No impact.

Impact Statement (i.e. if this impacts another unit)* None.

Projected Term*

2185 Fall 2018

Need help? See deadlines <http://www.k-state.edu/curriculog/deadlines/index.html>

More Catalog Information (CHANGE)

IMPORTANT:**Do NOT change imported course information until proposal is launched****Go to "Routing" section next**

Note

Repeat for Credit NO

Requisites
(Prerequisite,
Corequisite,
Recommended
Prerequisite)

Admission to the doctoral program Leadership in Academic Advising

Cross-listed No

K-State 8 Tag 1

K-State 8 Tag 2

Rationale for
K-State 8 tag

Typically Offered Other

OPTIONAL: After launch, update the following fields only if changes are required

- Grading Basis**
- Graded
 - Graded-IH (Exempt)
 - Credit/No Credit
 - Student Option (Graded and APassF)
 - Student Option-IH (Graded and APassF; Exempt)

Note: Select "Exempt" option only if Incomplete grades never convert to F

- Course Titles**
- Title May Not Vary
 - Vary by Section

<input type="checkbox"/> Vary by Student
Course Attributes
Primary Component LEC-Lecture
Other required components
Will one or more sections of this course be offered as distance education? <input checked="" type="radio"/> Yes <input type="radio"/> No
For Veterinary Medicine courses only: Course is offered for types of credit <input type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate <input type="checkbox"/> Veterinary Medicine
For Arts and Sciences courses only <input type="checkbox"/> Fine Arts <input type="checkbox"/> Western Heritage <input type="checkbox"/> Literary <input type="checkbox"/> Social Science <input type="checkbox"/> Natural Sciences <input type="checkbox"/> Physical Sciences <input type="checkbox"/> Quantitative <input type="checkbox"/> International Overlay <input type="checkbox"/> General Education (i.e. K-State 8)

Routing (CHANGE)


Does your department have a Department Curriculum Committee? <input type="radio"/> Yes <input checked="" type="radio"/> No
--

WARNING: Review Expedited/Non-expedited selections

Go to the top of the form and review the Expedited/Non-expedited decision before launching this form. Review impact report, impact statement and requisites to be sure. Incorrect decisions will delay your proposal. If you need assistance, contact your college curriculum representative.

Expedited/Non-Expedited Review <input checked="" type="checkbox"/> I have reviewed the Expedited/Non-expedited decision

IMPORTANT: Launch the proposal

Click the Launch icon above 
 The proposal moves to the Originator step
 Then make change to course information fields above

For Acalog Use Only (CHANGE)

Course Type Counseling and Educational Psychology
Status Active-Visible
Actual Effective Term

KSIS
Acalog- Undergraduate
Acalog-Graduate
DARS
Global Campus
Requisite Processing
Implementation Notes

Form Revised: 10-7-2017

GRMN - 528 - Introductory Topics in German Language and Linguistics

2017-2018 Appendix C: Course Form - Change

General Catalog Information

IMPORTANT: Import course information

Click the Import icon above 

Select catalog

Select "Prefix" in the "Or Add Filter" drop down

Enter Prefix (subject area)

Select "Code" in the "Add Another Filter" drop down

Enter Code (course number)

Click "Search Available Curriculum"

Select desired course

Click "Import this Item"

- Select Non-Expedited change(s) requested
- Course number changes outside same level (LD=0-299; UD=300-699; GR1=700-899; GR2=900-999)
 - Significant course title or description updates that change primary content of course
 - Adding a K-State 8 tag to a course
 - Dividing a course into two or more courses
 - Combining two or more courses into one course
 - Change in delivery method/components (lec, seminar, etc)
 - Other change that impacts another college

- Please select one of the boxes*
- Non-Expedited Process (if selected one of the changes above)
 - Expedited Process (minimal change that does NOT include any of the above)

Contact person for this proposal* Janice McGregor; jmcgregor@ksu.edu; 532-1923

Do not change imported course data until after proposal is launched.

Department*

Modern Languages

Subject*

GRMN

Catalog Number* 528

Long Course Title*

Introductory Topics in German Language and Linguistics

Short Title
(provide if title changed above)

Credit Hours/
Units* 3

Course Description*

Introduction to topics in German Linguistics, with special emphasis on the connection between language structure and use or language structures and learning.

Note May be repeated with a change of subject matter.

Repeat for Credit Yes

Requisites (Prerequisite, Corequisite, Recommended Prerequisite) Prerequisite: GRMN 301.
Corequisite: GRMN 523 or 527 or 526 should be taken before GRMN 528 or concurrently with GRMN 528.

Cross-listed

K-State 8 Tag 1

Global Issues
and
Perspectives

K-State 8 Tag 2

Social
Sciences

Rationale for K-State 8 tag Adding a second tag to reflect that this course addresses topics in the social sciences.

Typically Offered Fall

Grading Basis Graded
 Graded-IH (Exempt)
 Credit/No Credit
 Student Option (Graded and APassF)
 Student Option-IH (Graded and APassF; Exempt)

Note: Select "Exempt" option only if Incomplete grades never convert to F

Course Titles Title May Not Vary
 Vary by Section
 Vary by Student

Course Attributes

Primary Component

Other required components

Will one or more Yes No

sections of this course be offered as distance education?

For Veterinary Medicine courses only: Course is offered for types of credit

Undergraduate
 Graduate
 Veterinary Medicine


For Arts and Sciences courses only

Fine Arts
 Western Heritage
 Literary
 Social Science
 Natural Sciences
 Physical Sciences
 Quantitative
 International Overlay
 General Education (i.e. K-State 8)

Rationale and Impact

Rationale This proposal seeks to have GRMN 528 "Intro to German Linguistics" added to the list of approved courses in (partial) fulfillment of the social science basic requirement for the College of Arts and Sciences. The university course catalog (accessed in 02/28/2016 here: <http://catalog.k-state.edu/content.php?catoid=12&navoid=1286>) states: "The requirement in the social sciences improves the student's ability to analyze and understand human social systems" and "Purpose: to acquaint students with the adaptation of scientific method to the analysis of human social systems." Within the list of approved courses it states: "The fourth course must be from the above areas or from: ...Linguistics - any course except LG 601." It is based on the acceptance of any linguistics courses (aside from LG 601) that this proposal is being submitted. The course GRMN 528 is a general introduction to the study of language as system of human communication, with particular focus on the German language. The proposal also seeks to add the K-State 8 tag: social sciences for the same reasoning. This proposal also makes a few other minor changes (e.g. a change in prerequisite). It should be noted that GRMN 528 is taught in German and the textbook is written in that language, but that the linguistics concepts learned (phonetics, morphology, syntax, etc.) apply to the scientific study of any language.

IMPORTANT: Run impact report

Click the Impact icon above 
 Copy and paste the results in the field below

Impact Report *

Impact Report for GRMN 528

Source: 2016-2017 Undergraduate Catalog

Requisites	GRMN 528 - Introductory Topics in German Language and Linguistics
	GRMN 720 - Open Topics Seminar in German Language and Linguistics

Impact Statement (i.e. if this impacts another unit) N/A

Projected first term offered:

Term*	Fall	Year*	2018
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Please note the following deadlines:

Projected First Term Offered:	Must be submitted to Graduate Council Academic Affairs by the 10th of the month*:	Must be approved by Graduate Council*:	Must be submitted to Faculty Senate Academic Affairs 10 calendar days prior to:	Must be approved by Faculty Senate by:
Fall	January	February	2nd February Meeting	March
Spring	August	September	2nd September Meeting	October
Summer	November	December	2nd January Meeting	February

*Courses 600 and above

For Graduate Council meeting schedule: <http://www.k-state.edu/grad/faculty/graduate-council/>.

For Faculty Senate meeting schedule: <http://www.k-state.edu/facsen/>.

Questions about the process, see: <http://www.k-state.edu/registrar/ccap/>.

Routing

Does your department have a Faculty Review Committee?*

Yes No

IMPORTANT: Launch the proposal

Click the Launch icon above 

Once the Proposal has been launched, it will move to the Originator step where you will be able to make course changes.

For Acalog Use Only

Course Type	German
Status	Active-Visible
Actual Effective Term	
KSIS	
Acalog-Undergraduate	
Acalog-Graduate	
DARS	
Implementation Notes	

HIST - 301 - Topics in History**2017-2018 Appendix A: Course Form - New****General Catalog Information (NEW)**

Contact person for this proposal * Lou Williams; lwill@ksu.edu

Department * History

Subject * HIST

Catalog Number * 301

Long Course Title * Topics in History

Short Title * Topics in History

Credit Hours/ Units * 3

Course Description * Detailed investigation of a particular theme, event, or problem in history.

Rationale and Impact (NEW)

Rationale* The History major requires 21 hours of upper level courses (300 level or above), yet we offer very few courses other than 500 level to meet that requirement. Offering new Topics Courses at the 300 level will bring the major more in line with our existing requirements. We also expect the new tier of appealing, general interest, topics course to reach students who are seeking courses to meet their required 45 hours at the 300 level or above. We also believe that students may find the new courses more appealing than the broad introductory 100- and 200- level survey courses in World, Western, and US history, which many of them take for K-State Eight credit.

Impact Statement (i.e. if this impacts another unit)* None.

Projected Term*

2185 Fall 2018

Need help? See deadlines <http://www.k-state.edu/curriculog/deadlines/index.html>

More Catalog Information (NEW)

Note

Repeat for Credit Repeatable

Requisites
(Prerequisite,
Corequisite,
Recommended
Prerequisite)

Cross-listed

K-State 8 Tag 1

Historical
Perspectives

K-State 8 Tag 2

Rationale for K-State 8 tag As a course offered through the Department of History, all courses by their

very nature and subject matter will speak to "Historical Perspectives".

Typically Offered*

Fall, Spring

Grading Basis*

- Graded
 Graded-IH (Exempt)
 Credit/No Credit
 Student Option (Graded and APassF)
 Student Option-IH (Graded and APassF; Exempt)

Note: Choose "Exempt" option only if grade of Incomplete will never convert to F

Course Titles*

- Title May Not Vary
 Vary by Section
 Vary by Student

Course Attributes

Primary Component*

LEC-Lecture

Other required components

Will one or more sections of this course be offered as distance education?
 Yes No

Course syllabus attached?

- Course syllabus (required by colleges of AS, BA, ED, EN, HE, VM)

For Veterinary Medicine courses only: Course is offered for types of credit

- Undergraduate
 Graduate
 Veterinary Medicine

For Arts and Sciences courses only

- Fine Arts
 Western Heritage
 Literary
 Social Science
 Natural Sciences
 Physical Sciences
 Quantitative
 International Overlay
 General Education (i.e. K-State 8)

Routing (NEW)

Does your department have a Department Curriculum Committee? * Yes No

For Acalog Use Only (NEW)

Course Type

Status Active Inactive

Actual Effective Term

KSIS

Acalog-Undergraduate

Acalog-Graduate

DARS

Global Campus

Requisite Processing

Implementation Notes

Form Revised: 10-6-2017

MUSIC - 118 - Jazz Ensemble Lab A**2017-2018 Appendix A: Course Form - New****General Catalog Information (NEW)**

Contact person for this proposal * Jeff Ward, Phillip Payne; jeff98@ksu.edu; 532-5740

Department * Music, Theatre, and Dance

Subject * MUSIC

Catalog Number * 118

Long Course Title * Jazz Ensemble Lab A

Short Title * Jazz Lab A

Credit Hours/Units * 0-1

Course Description * An intermediate level college jazz ensemble. Examine and perform various jazz ensemble pieces selected from extant literature which may include cool, swing, hard bop, bossa, Latin, samba, funk/rock, and other styles.

Rationale and Impact (NEW)

Rationale*

The rationale for this change is to provide unique course numbers to Collegiate Jazz Ensemble (CJE) and Jazz Lab A. Currently they are both considered small or chamber ensembles and have the same course number and cannot be differentiated on transcripts. This is incongruent with how the ensembles function in the professional world and how our graduates will interact with them during their time in the profession. Furthermore, using unique numbers will allow the advisors and directors to track their enrollment and meeting of expectations in the jazz minor and iterations of the BM degree. We are looking to change the course number and distinction; however, all aspects of the ensemble, class, and programs will remain intact and the same.

Impact Statement (i.e. if this impacts another unit)*

This change will not impact any units as it is just changing the course number for advising and program purposes.

Projected Term*

2185 Fall 2018

Need help? See deadlines <http://www.k-state.edu/curriculum/deadlines/index.html>

More Catalog Information (NEW)**Note**

Repeat for Credit repeatable

**Requisites
(Prerequisite,
Corequisite,
Recommended
Prerequisite)**

Cross-listed

K-State 8 Tag 1

K-State 8 Tag 2

**Rationale for
K-State 8 tag**

Typically Offered*

Fall, Spring

Grading Basis*

- Graded
 Graded-IH (Exempt)
 Credit/No Credit
 Student Option (Graded and APassF)
 Student Option-IH (Graded and APassF; Exempt)

Note: Choose "Exempt" option only if grade of Incomplete will never convert to F

Course Titles*

- Title May Not Vary
 Vary by Section
 Vary by Student

Course Attributes

Primary Component*

ACT-Activity

Other required components

Will one or more sections of this course be offered as distance education?
 Yes No

Course syllabus attached?

- Course syllabus (required by colleges of AS, BA, ED, EN, HE, VM)

For Veterinary Medicine courses only: Course is offered for types of credit

- Undergraduate
 Graduate
 Veterinary Medicine

For Arts and Sciences courses only

- Fine Arts
 Western Heritage
 Literary
 Social Science
 Natural Sciences
 Physical Sciences
 Quantitative
 International Overlay
 General Education (i.e. K-State 8)

Routing (NEW)

Does your department have a Department Curriculum Committee? Yes No

For Acalog Use Only (NEW)

Course Type

Status Active Inactive

Actual Effective Term

KSIS

Acalog-Undergraduate

Acalog-Graduate

DARS

Global Campus

Requisite Processing

Implementation Notes MUSIC 118 was previously "Music Fund" and was made Inactive 8-1-1981. Course number has passed five-year threshold so may now be re-used. Create a new Course Id when the new course is set up in KSIS. (per CPfaff)

Form Revised: 10-6-2017

MUSIC - 213 - Piano Class III**2017-2018 Appendix A: Course Form - New****General Catalog Information (NEW)**

Contact person for this proposal * Agustin Muriago; muriago@ksu.edu; 2-5411

Department * Music, Theatre, and Dance

Subject * MUSIC

Catalog Number * 213

Long Course Title * Piano Class III

Short Title * Piano Class III

Credit Hours/ Units * 1

Course Description * Reinforces and expands the skills introduced in the previous levels: harmonization, transposition, sight-reading, improvisation, and technical exercises continue to be at the core of the curriculum, while introducing new concepts such as transposing instruments, secondary chords, and both instrumental and vocal accompanying.

Rationale and Impact (NEW)

Rationale* We are creating Piano Class III to streamline and more effectively lead students to proficiency of their keyboard skills within all degrees in the School of Music, Theatre, and Dance. Currently, there are only two piano classes and class piano two can have a wide range of knowledge and skills which leads to a massive differentiation of instruction. Creating Piano Class III will allow the professor to better impact student learning in a more effective learning environment.

Impact Statement (i.e. if this impacts another unit)* This will have no impact on any other academic unit. The Director of the School of Music, Theatre, and Dance was contacted on 08/07/2017 and supported the keyboard division's proposal to modify the Poano Class curriculum to include Piano Class III.

Projected Term*

2185 Fall 2018

Need help? See deadlines <http://www.k-state.edu/curriculog/deadlines/index.html>

More Catalog Information (NEW)

Note

Repeat for Credit

Requisites (Prerequisite, Corequisite, Recommended Prerequisite) Prerequisite: MUSIC 212.

Cross-listed

K-State 8 Tag 1

K-State 8 Tag 2

Rationale for K-State 8 tag

Typically Offered*

Fall

Grading Basis*

- Graded
- Graded-IH (Exempt)
- Credit/No Credit
- Student Option (Graded and APassF)
- Student Option-IH (Graded and APassF; Exempt)

Note: Choose "Exempt" option only if grade of Incomplete will never convert to F

Course Titles*

- Title May Not Vary
- Vary by Section
- Vary by Student

Course Attributes

Primary Component*

STD-Studio

Other required components

Will one or more sections of this course be offered as distance education?

Yes No

Course syllabus attached?

- Course syllabus (required by colleges of AS, BA, ED, EN, HE, VM)

For Veterinary Medicine courses only: Course is offered for types of credit

- Undergraduate
- Graduate
- Veterinary Medicine

For Arts and Sciences courses only

- Fine Arts
- Western Heritage
- Literary
- Social Science
- Natural Sciences
- Physical Sciences
- Quantitative
- International Overlay
- General Education (i.e. K-State 8)

Routing (NEW)

Does your department have a Department Curriculum Committee? Yes No

For Acalog Use Only (NEW)

Course Type

Status Active Inactive

Actual Effective Term

KSIS

Acalog-Undergraduate

Acalog-Graduate

DARS

Global Campus

Requisite Processing

Implementation Notes

Form Revised: 10-6-2017

MUSIC - 214 - Piano Class IV
2017-2018 Appendix A: Course Form - New

General Catalog Information (NEW)

Contact person for this proposal * Augustin Muriago, muriago@ksu.edu; 2-5411

Department * Music, Theatre, and Dance

Subject * MUSIC

Catalog Number * 214

Long Course Title * Piano Class IV

Short Title * Piano Class IV

Credit Hours/ Units * 1

Course Description * Reinforces and expands the skills introduced in previous levels: harmonization, transposition, sight-reading, improvisation, and technical exercises continue to be at the core of the curriculum, while introducing new concepts such as modulations, alto clef reading, augmented and Neapolitan sixth chords, and vocal warm-ups. Passing the final exam for this course fulfills the piano Proficiency requirements (MUSIC 060).

Rationale and Impact (NEW)

Rationale* We are creating Piano Class IV to streamline and more effectively lead students to proficiency of their keyboard skills within all degrees in the School of Music, Theatre, and Dance. Currently, there are only two piano classes and class piano two can have a wide range of knowledge and skills which leads to a massive differentiation of instruction. Creating Piano Class IV will allow the professor to better impact student learning in a more effective learning environment.

Impact Statement (i.e. if this impacts another unit)* The Director of the School of Music, Theatre, and Dance was contacted on 08/07/2017 and supported the keyboard division's proposal to modify the Piano Class curriculum to include Piano Class IV.

Projected Term*

2185 Fall 2018

Need help? See deadlines <http://www.k-state.edu/curriculog/deadlines/index.html>

More Catalog Information (NEW)

Note

Repeat for Credit

Requisites (Prerequisite, Corequisite, Recommended Prerequisite)
 Prerequisite: MUSIC 213.
 Corequisite: MUSIC 060.

Cross-listed

K-State 8 Tag 1

K-State 8 Tag 2

Rationale for K-State 8 tag

Typically Offered*

Spring

Grading Basis*

- Graded
- Graded-IH (Exempt)
- Credit/No Credit
- Student Option (Graded and APassF)
- Student Option-IH (Graded and APassF; Exempt)

Note: Choose "Exempt" option only if grade of Incomplete will never convert to F

Course Titles*

- Title May Not Vary
- Vary by Section
- Vary by Student

Course Attributes

Primary Component*

STD-Studio

Other required components

Will one or more sections of this course be offered as distance education?

Yes No

Course syllabus attached?

- Course syllabus (required by colleges of AS, BA, ED, EN, HE, VM)

For Veterinary Medicine courses only: Course is offered for types of credit

- Undergraduate
- Graduate
- Veterinary Medicine

For Arts and Sciences courses only

- Fine Arts
- Western Heritage
- Literary
- Social Science
- Natural Sciences
- Physical Sciences
- Quantitative
- International Overlay
- General Education (i.e. K-State 8)

Routing (NEW)

Does your department have a Department Curriculum Committee? Yes No

For Acalog Use Only (NEW)

Course Type

Status Active Inactive

Actual Effective Term

KSIS

Acalog-Undergraduate

Acalog-Graduate

DARS

Global Campus

Requisite Processing

Implementation Notes

Form Revised: 10-6-2017

MUSIC - 406 - Collegiate Jazz Ensemble**2017-2018 Appendix A: Course Form - New****General Catalog Information (NEW)**

Contact person for this proposal * Jeff Ward/Phillip Payne; jeff98@ksu.edu; 532-5740

Department * Music, Theatre, and Dance

Subject * MUSIC

Catalog Number * 406

Long Course Title * Collegiate Jazz Ensemble

Short Title * CJE A

Credit Hours/Units * 0-1

Course Description * An advanced level college jazz ensemble. Examines and preforms various jazz ensemble pieces selected from extant literature which may include cool, swing, hard bop, bossa, Latin, samba, funk/rock, and other styles.

Rationale and Impact (NEW)

Rationale*

The rationale for this changes is to provide unique course numbers to Collegiate Jazz Ensemble (CJE) and Jazz Lab A. Currently they are both considered small or chamber ensembles and have the same course number and cannot be differentiated on transcripts. This is incongruent with how the ensembles function in the professional world and how our graduates will interact with them during their time in the profession. Furthermore, using unique numbers will allow the advisors and directors to track their enrollment and meeting of expectations in the jazz minor and iterations of the BM degree. We are looking to change the course number and distinction; however, all aspects of the ensemble, class, and programs will remain intact and the same.

Impact Statement (i.e. if this impacts another unit)*

This change will not impact any units as it is just changing the course number for advising and program purposes.

Projected Term*

2185 Fall 2018

Need help? See deadlines <http://www.k-state.edu/curriculum/deadlines/index.html>

More Catalog Information (NEW)**Note****Repeat for Credit** Repeatable

**Requisites
(Prerequisite,
Corequisite,
Recommended
Prerequisite)**

Cross-listed**K-State 8 Tag 1****K-State 8 Tag 2**

**Rationale for
K-State 8 tag**

Typically Offered*

Fall, Spring

Grading Basis*

- Graded
- Graded-IH (Exempt)
- Credit/No Credit
- Student Option (Graded and APassF)
- Student Option-IH (Graded and APassF; Exempt)

Note: Choose "Exempt" option only if grade of Incomplete will never convert to F

Course Titles*

- Title May Not Vary
- Vary by Section
- Vary by Student

Course Attributes

Primary Component*

ACT-Activity

Other required components

Will one or more sections of this course be offered as distance education?

Yes No

Course syllabus attached?

- Course syllabus (required by colleges of AS, BA, ED, EN, HE, VM)

For Veterinary Medicine courses only: Course is offered for types of credit

- Undergraduate
- Graduate
- Veterinary Medicine

For Arts and Sciences courses only

- Fine Arts
- Western Heritage
- Literary
- Social Science
- Natural Sciences
- Physical Sciences
- Quantitative
- International Overlay
- General Education (i.e. K-State 8)

Routing (NEW)

Does your department have a Department Curriculum Committee? Yes No

For Acalog Use Only (NEW)

Course Type

Status Active Inactive

Actual Effective Term

KSIS

Acalog-Undergraduate

Acalog-Graduate

DARS

Global Campus

Requisite Processing

Implementation Notes MUSIC 406 was previously "Musical Style to 1600 (Medieval and Renaissance)" and was made Inactive 2-1-2004. Course number has passed five-year threshold so may now be re-used. Create a new Course Id when the new course is set up in KSIS. (per CPaff).

Form Revised: 10-6-2017

SOCIO - 533 - Society, Food, and Agriculture**2017-2018 Appendix C: Course Form - Change****General Catalog Information****IMPORTANT: Import course information**Click the Import icon above 

Select catalog

Select "Prefix" in the "Or Add Filter" drop down

Enter Prefix (subject area)

Select "Code" in the "Add Another Filter" drop down

Enter Code (course number)

Click "Search Available Curriculum"

Select desired course

Click "Import this Item"

- Select Non-Expedited changes requested
- Course number changes outside same level (LD=0-299; UD=300-699; GR1=700-899; GR2=900-999)
 - Significant course title or description updates that change primary content of course
 - Adding a K-State 8 tag to a course
 - Dividing a course into two or more courses
 - Combining two or more courses into one course
 - Change in delivery method/components (lec, seminar, etc)
 - Other change that impacts another college

- Expedited or Non-Expedited? *
- Non-Expedited Process (if selected one of the changes above)
 - Expedited Process (minimal change that does NOT include any of the above)

Contact person for this proposal* Matthew Sanderson; matttrs@ksu.edu; 2-4969

Do not change imported course data until after proposal is launched.

Department *

Sociology, Anthropology, and Social Work

Subject *

SOCIO

Catalog Number *

533

Long Course Title *

Society, Food, and Agriculture

Short Title (provide if title changed above)

Society, Food, and Ag

Credit Hours/ Units *

3

Course Description *

Examines the relationships between agriculture, food, and society. Topics to be examined include the changing structure of agriculture, food system resilience, the globalization of food and agriculture, issues of distribution, access, and food security, and related social movements. Examines implications for both rural and urban societies in the US and around the world.

Note

Repeat for Credit

**Requisites
(Prerequisite,
Corequisite,
Recommended
Prerequisite)**

Prerequisite: SOCIO 211 or consent of instructor.

Cross-listed

K-State 8 Tag 1

**Ethical
Reasoning
and
Responsibility**

K-State 8 Tag 2

**Social
Sciences**

**Rationale for
K-State 8 tag**

The course is a social science-based introduction to understanding relations between agriculture, food, and society, drawing significantly on social theory and empirical evidence from the social sciences. The course affords students significant opportunities throughout to engage with ethical reasoning and the challenges associated with the social and environmental implications of the food system.

Typically Offered Fall

Grading Basis

- Graded
 Graded-IH (Exempt)
 Credit/No Credit
 Student Option (Graded and APassF)
 Student Option-IH (Graded and APassF; Exempt)

Note: Select "Exempt" option only if Incomplete grades never convert to F

Course Titles

- Title May Not Vary
 Vary by Section
 Vary by Student

Course Attributes

**Primary
Component**

**Other required
components**

Will one or more sections of this course be offered as distance education? Yes No

For Veterinary Medicine courses only: Course is offered for types of credit

Undergraduate
 Graduate
 Veterinary Medicine


For Arts and Sciences courses only

Fine Arts
 Western Heritage
 Literary
 Social Science
 Natural Sciences
 Physical Sciences
 Quantitative
 International Overlay
 General Education (i.e. K-State 8)

Rationale and Impact

Rationale The new title, "Agriculture, Food, and Society" more accurately reflects the current course content, and the need to update course offerings in this area to reflect the expertise and interests of current faculty.

IMPORTANT: Run impact report

Click the Impact icon above 
 Copy and paste the results in the field below

Impact Report *

Impact Report for SOCIO 533

Source: 2017-2018 Undergraduate Catalog

Programs	Contemporary Citizenship in Agriculture Minor
	Global Food Systems Leadership Secondary Major
	Social Studies (EDSST) Teacher Licensure Program
	Sociology (B.S.)
	Sociology B.A./B.S.

Impact Statement (i.e. if this impacts another unit)

No anticipated impacts on other units.

Projected first term offered:

Projected Term*

2185 Fall 2018

Please note the following deadlines:

Projected First Term Offered:	Must be submitted to Graduate Council Academic Affairs by the 10th of the month*:	Must be approved by Graduate Council*:	Must be submitted to Faculty Senate Academic Affairs 10 calendar days prior to:	Must be approved by Faculty Senate by:
Fall	January	February	2nd February Meeting	March
Spring	August	September	2nd September Meeting	October
Summer	November	December	2nd January Meeting	February

*Courses 600 and above

For Graduate Council meeting schedule: <http://www.k-state.edu/grad/faculty/graduate-council/>.

For Faculty Senate meeting schedule: <http://www.k-state.edu/facsen/>.

Questions about the process, see: <http://www.k-state.edu/registrar/ccap/>.

Routing

Does your department have a Department Curriculum Committee? * Yes No

IMPORTANT: Launch the proposal

Click the Launch icon above 

Once the Proposal has been launched, it will move to the Originator step where you will be able to make course changes.

For Acalog Use Only

Course Type

Sociology

Status Active-Visible

Actual Effective Term Fall 2018

KSIS
Acalog- Undergraduate
Acalog-Graduate
DARS
Global Campus
Requisite Processing
Implementation Notes

STAT - 760 - Optimization for Data Science**2017-2018 Appendix A: Course Form - New****General Catalog Information**

Contact person for this proposal * James Neill; jwneill@ksu.edu; 2-0516

Department * **Statistics**

Subject * **STAT**

Catalog Number * 760

Long Course Title * Optimization for Data Science

Short Title * Optim for Data Science

Credit Hours/ Units * 3

Course Description * The class presents the theory and algorithms for linear and nonlinear optimization problems with continuous variables. Topics covered include convex analysis, first- and second-order optimality methods, duality, KKT conditions, algorithms for unconstrained optimization, linearly and nonlinearly constrained problems, and convergence rates of algorithms. The theory and algorithms are applied to data science problems arising in machine learning, statistics, and related fields (e.g., maximizing likelihood and penalized likelihood functions, MM algorithms, EM algorithms, model selection, Sparse PCA). Students are expected to be comfortable with rigorous mathematical arguments.

Note

Repeat for Credit

Requisites (Prerequisite, Corequisite, Recommended Prerequisite) Prerequisite: STAT 511 or STAT 771, and prior knowledge of linear algebra and matrix theory (e.g., MATH 551), and some programming knowledge (e.g., STAT 726).

Cross-listed

K-State 8 Tag 1

K-State 8 Tag 2

Rationale for K-State 8 tag

Typically Offered*

Spring-Even Years

Grading Basis*

- Graded
 Graded-IH (Exempt)
 Credit/No Credit
 Student Option (Graded and APassF)
 Student Option-IH (Graded and APassF; Exempt)

Note: Choose "Exempt" option only if grade of Incomplete will never convert to F

Course Titles*

- Title May Not Vary
 Vary by Section
 Vary by Student

Course Attributes

Primary Component*

REC-Recitation

Other required components

Will one or more sections of this course be offered as distance education?
 Yes No

Course syllabus attached?

- Course syllabus (if required for review by college course and curriculum committee)

For Veterinary Medicine courses only: Course is offered for types of credit

- Undergraduate
 Graduate
 Veterinary Medicine

For Arts and Sciences courses only

- Fine Arts
 Western Heritage
 Literary
 Social Science
 Natural Sciences
 Physical Sciences
 Quantitative
 International Overlay
 General Education (i.e. K-State 8)

Rationale and Impact

Rationale*

With the ongoing rise in computing power, there is a corresponding rapid growth in the areas of statistical modeling and analysis. Most of the growth is in the area of computational modeling, which has optimization as its

foundation. This course will prepare our students with the necessary foundations to fully appreciate modern statistical modeling. Expertise of the current faculty, coupled with student demand, would allow research and instructional enhancements consistent with the discipline. Importantly, this course represents a significant applied component in the proposed Data Science and Analytics track for our MS program.

Impact Report

Impact Statement (i.e. if this impacts another unit)* No impact outside college. Students in other programs may be interested in this course as an elective.

Projected First Term Offered

Projected Term*

2185 Fall 2018

Please note the following deadlines:

Projected First Term Offered:	Must be submitted to Graduate Council Academic Affairs by the 10th of the month*:	Must be approved by Graduate Council*:	Must be submitted to Faculty Senate Academic Affairs 10 calendar days prior to:	Must be approved by Faculty Senate by:
Fall	January	February	2nd February Meeting	March
Spring	August	September	2nd September Meeting	October
Summer	November	December	2nd January Meeting	February

*Courses 600 and above

For Graduate Council meeting schedule: <http://www.k-state.edu/grad/faculty/graduate-council/>.

For Faculty Senate meeting schedule: <http://www.k-state.edu/facsen/>.

Questions about the process: <http://www.k-state.edu/registrar/ccap/>.

Routing

Does your

department have a Department Curriculum Committee? Yes No

For Acalog Use Only

Course Type
Status <input type="radio"/> Active <input type="radio"/> Inactive
Actual Effective Term
KSIS
Acalog-Undergraduate
Acalog-Graduate
DARS
Global Campus
Requisite Processing
Implementation Notes

STAT - 761 - Discrete Optimization and Scalability for Data Science

2017-2018 Appendix A: Course Form - New

General Catalog Information

Contact person for this proposal* James Neill; jwneill@ksu.edu; 2-0516

Department* **Statistics**

Subject* **STAT**

Catalog Number* 761

Long Course Title* Discrete Optimization and Scalability for Data Science

Short Title* Scalability for Data Sc

Credit Hours/ Units* 3

Course Description* Topics covered include computational complexity, NP-hardness, data as networks, graph theoretic algorithms, exact, approximation, heuristic and online algorithms, and connections between convex and non-convex optimization problems. The theory and algorithms are applied to data science problems arising in statistical machine learning, statistical clustering, design of experiments, observational studies, sampling, and variable selection. Applications may be motivated using data from social networks, search engines, the stock market and elections.

Note

Repeat for Credit

Requisites (Prerequisite, Corequisite, Recommended Prerequisite) Prerequisites: (STAT 705 or STAT 713) and STAT 720 and programming knowledge (e.g. STAT 726)

Cross-listed

K-State 8 Tag 1

K-State 8 Tag 2

Rationale for K-State 8 tag

Typically Offered*

Spring-Odd Years

Grading Basis*

- Graded
 Graded-IH (Exempt)
 Credit/No Credit
 Student Option (Graded and APassF)
 Student Option-IH (Graded and APassF; Exempt)

Note: Choose "Exempt" option only if grade of Incomplete will never convert to F

Course Titles*

- Title May Not Vary
 Vary by Section
 Vary by Student

Course Attributes

Primary Component*

REC-Recitation

Other required components

Will one or more sections of this course be offered as distance education? Yes No

Course syllabus attached?

- Course syllabus (if required for review by college course and curriculum committee)

For Veterinary Medicine courses only: Course is offered for types of credit

- Undergraduate
 Graduate
 Veterinary Medicine

For Arts and Sciences courses only

- Fine Arts
 Western Heritage
 Literary
 Social Science
 Natural Sciences
 Physical Sciences
 Quantitative
 International Overlay
 General Education (i.e. K-State 8)

Rationale and Impact

Rationale*

Increases in computing power has caused a surge in the availability of data. This second course in optimization for data science has a focus on algorithms for data analysis when there are many units. Knowledge of

computationally efficient statistical methods is essential for effective analysis of this "big" or "massive" data. This course gives students a survey of modern tools for big data analysis and equips students with the background necessary to understand the computational complexities motivating these methods. Expertise of current faculty, coupled with student demand, would allow research and instructional enhancements consistent with the discipline. Importantly, this course represents a significant applied component in the proposed Data Sciences and Analytics track of our MS program.

Impact Report

Impact Statement (i.e. if this impacts another unit)* No impact outside college. Students in other programs may be interested in this course as an elective.

Projected First Term Offered

Projected Term*

2185 Fall 2018

Please note the following deadlines:

Projected First Term Offered:	Must be submitted to Graduate Council Academic Affairs by the 10th of the month*:	Must be approved by Graduate Council*:	Must be submitted to Faculty Senate Academic Affairs 10 calendar days prior to:	Must be approved by Faculty Senate by:
Fall	January	February	2nd February Meeting	March
Spring	August	September	2nd September Meeting	October
Summer	November	December	2nd January Meeting	February

*Courses 600 and above

For Graduate Council meeting schedule: <http://www.k-state.edu/grad/faculty/graduate-council/>.

For Faculty Senate meeting schedule: <http://www.k-state.edu/facsen/>.

Questions about the process: <http://www.k-state.edu/registrar/ccap/>.

Routing

Does your

department have a Department Curriculum Committee? Yes No

For Acalog Use Only

Course Type
Status <input type="radio"/> Active <input type="radio"/> Inactive
Actual Effective Term
KSIS
Acalog-Undergraduate
Acalog-Graduate
DARS
Global Campus
Requisite Processing
Implementation Notes