Course Inventory Change Request

Date Submitted: 09/14/17 10:37 am

Viewing: **GEOL 761 : Topics in Regional Field Geology: Geology-_____**

Last edit: 09/14/17 2:34 pm

Changes proposed by: glmac

<table>
<thead>
<tr>
<th>Academic Career</th>
<th>Graduate, Lawrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subject Code</td>
<td>GEOL</td>
</tr>
<tr>
<td>Course Number</td>
<td>761</td>
</tr>
<tr>
<td>Academic Unit</td>
<td>Department, Geology</td>
</tr>
<tr>
<td>School/College</td>
<td>College of Lib Arts &amp; Sciences</td>
</tr>
<tr>
<td>Do you intend to offer any portion of this course online?</td>
<td>No</td>
</tr>
<tr>
<td>Title</td>
<td>Topics in Regional Field Geology: Geology-_____</td>
</tr>
<tr>
<td>Transcript Title</td>
<td>Topics in Reg Field Geology: Regional Field Geology</td>
</tr>
<tr>
<td>Effective Term</td>
<td>Fall 2017</td>
</tr>
<tr>
<td>Catalog Description</td>
<td>A detailed field study of a carefully selected area that includes features of several phases of geology. Field trip fee.</td>
</tr>
<tr>
<td>Prerequisites</td>
<td>GEOL 561 or equivalent and departmental approval.</td>
</tr>
<tr>
<td>Cross Listed Courses</td>
<td></td>
</tr>
<tr>
<td>Credits</td>
<td>1-5</td>
</tr>
<tr>
<td>Course Type</td>
<td>Field Studies (Example: Geog 714 Field Experience) (FLD)</td>
</tr>
<tr>
<td>Grading Basis</td>
<td>A-D(+/-)FI (G11)</td>
</tr>
<tr>
<td>Typically Offered</td>
<td>As necessary</td>
</tr>
<tr>
<td>Repeatable for credit?</td>
<td>Yes</td>
</tr>
</tbody>
</table>

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

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

No

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

No

Rationale for Course Proposal

I am requesting that this course be changed to a "Topics in..." course, where the name changes each semester to reflect the topic. This course is the home for our graduate field trips. Some of the credentials of our graduate students depend upon their field experience, so when they take this course once or multiple times, the name of the field location is an important distinguishing label.

Course Reviewer Comments

https://next.catalog.ku.edu/courseleaf/approve/
**Course Inventory Change Request**

**Date Submitted:** 09/12/17 11:39 am  

**Viewing:** SPLH 868: Professional Issues Seminar  
**Last edit:** 09/12/17 11:39 am  
**Changes proposed by:** krosche

<table>
<thead>
<tr>
<th>Programs referencing this course</th>
<th>SPLH-MA: Speech-Language Pathology, M.A.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Academic Career</th>
<th>Graduate, Lawrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subject Code</td>
<td>SPLH</td>
</tr>
<tr>
<td>Academic Unit</td>
<td>Department: Speech-Language-Hearing</td>
</tr>
<tr>
<td></td>
<td>School/College: College of Lib Arts &amp; Sciences</td>
</tr>
<tr>
<td>Do you intend to offer any portion of this course online?</td>
<td>No</td>
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<tr>
<td>Title</td>
<td>Professional Issues Seminar</td>
</tr>
<tr>
<td>Transcript Title</td>
<td>Professional Issues Seminar</td>
</tr>
<tr>
<td>Effective Term</td>
<td>Spring 2018</td>
</tr>
</tbody>
</table>

**Catalog Description**  
Forum for the presentation and discussion of scientific and professional issues by faculty and advanced graduate students. May be repeated for credit.

**Prerequisites**  
None

**Cross Listed Courses:**

**Credits**  
1

**Course Type**  
Seminar Lecture (Regularly-scheduled academic course) (SEM LEC)

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

**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?**  
No

**Does this course fulfill RSRS (Research Skills Responsible Scholarship)?**  
No

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

<table>
<thead>
<tr>
<th>Which Program(s)?</th>
<th>Program Code - Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>(SPLH-MA) Speech-Language Pathology, M.A.</td>
<td></td>
</tr>
</tbody>
</table>

**Describe how:**  
Students are required to take SPLH 868 two semesters (fall and spring) to meet program and national certification requirements.

Title change from Seminar to Issues to better reflect the content of the course.
Course Inventory Change Request

Date Submitted: 09/11/17 1:40 pm

Viewing: SPLH 974 : Doctoral Research Practicum
Last edit: 09/11/17 1:40 pm
Changes proposed by: historkel

<table>
<thead>
<tr>
<th>Academic Career</th>
<th>Graduate, Lawrence</th>
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<tbody>
<tr>
<td>Subject Code</td>
<td>SPLH</td>
</tr>
<tr>
<td>Academic Unit</td>
<td>Department Speech-Language-Hearing</td>
</tr>
<tr>
<td></td>
<td>School/College College of Lib Arts &amp; Sciences</td>
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</table>

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

<table>
<thead>
<tr>
<th>Title</th>
<th>Doctoral Research Practicum</th>
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</thead>
<tbody>
<tr>
<td>Transcript Title</td>
<td>Doctoral Research Practicum</td>
</tr>
<tr>
<td>Effective Term</td>
<td>Spring 2018</td>
</tr>
</tbody>
</table>

Catalog Description
Application of research methodology in a laboratory situation. Emphasis is on direct participation in designing and conducting an experimental investigation in speech or hearing.

Prerequisites
None

Cross Listed Courses:

<table>
<thead>
<tr>
<th>Credits</th>
<th>1-6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Type</td>
<td>Field Studies (Example: Geog 714 Field Experience) (FLD)</td>
</tr>
<tr>
<td>Grading Basis</td>
<td>A-D(+)-Fi (G11)</td>
</tr>
</tbody>
</table>

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

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

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

Rationale for Course Proposal clarity.
We currently have two graduate level research practicum courses -- 874 for MA and 974 for PhD. Students are confused about which practicum number to enroll in. In two separate course changes, we are revising the titles by adding Masters or Doctoral to the title for

Course Reviewer Comments
Course Inventory Change Request

Course Deactivation Proposal

Data Submitted: 09/15/17 12:29 pm

Viewing: PHSX 724 : Potential Fields in Geophysics

Last edit: 09/15/17 12:29 pm

Changes proposed by: shark

Catalog Description

Reduction and interpretation of gravity and magnetic data with emphasis on exploration techniques. Spectral, analytical and modeling methods of analysis of gravity and magnetic anomalies are emphasized.

Prerequisites

MATH 250/AE 250/ARCE 250/CE 250/C&PE 250/EECS 250/EPH 250/ME 250 and either GEOL 572 or GEOL 573 or PHSX 528 or consent of instructor.

Cross Listed Courses:

Credits

3

Course Type

Lecture (Regularly scheduled academic course) (LEC)

Grading Basis

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

Typically Offered

Repeatable for credit?

No

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

Rationale for Course Proposal

Justification for this request

We have no intention of ever teaching this course again.

Course Reviewer Comments

In Workflow

1. CLAS Graduate Program and Course Coordinator
2. CGS PCC Subcommittee
3. CGS Committee
4. CAC
5. Registrar
6. Peoplesoft

Approval Path

1. 09/15/17 4:25 pm
   Rachel Schwien (rschwien);
   Approved for CLAS Graduate Program and Course Coordinator
2. 09/1/17 12:37 pm
   Rachel Schwien (rschwien);
   Approved for CGS PCC Subcommittee
## Course Inventory Change Request

A deleted record cannot be edited

### Course Deactivation Proposal

**Date Submitted:** 09/12/17 11:40 am  
**Viewing:** SPLH 898: Investigation and Conference (For Master's Candidates)  
**Last edit:** 09/12/17 11:40 am  
**Changes proposed by:** krosche

<table>
<thead>
<tr>
<th>Academic Career</th>
<th>Graduate, Lawrence</th>
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<tbody>
<tr>
<td>Subject Code</td>
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</tr>
<tr>
<td>Academic Unit</td>
<td>Department Speech-Language-Hearing</td>
</tr>
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<td></td>
<td>School/College College of Lib Arts &amp; Sciences</td>
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<tr>
<td>Title</td>
<td>Investigation and Conference (For Master's Candidates)</td>
</tr>
<tr>
<td>Transcript Title</td>
<td>Investign&amp;Confenc (Mastras)</td>
</tr>
<tr>
<td>Last Term Offered</td>
<td>Fall 2017</td>
</tr>
</tbody>
</table>

**Catalog Description:** (Limited to eight hours credit toward the M.A. degree,) Directed research and experimentation for M.A. students in some phase of speech science.

**Prerequisites:** None

**Cross Listed Courses:**

**Credits:** 1-8  
**Course Type:** Individual Research (RSH)  
**Grading Basis:** A-D(+/-)FI (G11)  
**Typically Offered:** Typically Every Semester  
**Repeatable for credit?** No

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

### Rationale for Course Proposal

**Justification for this request:** This course has not been used by any faculty and is not appropriate for the Master's level student.

**Course Reviewer Comments**

---

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

Approval Path  
1. 09/15/17 4:28 pm  
   Rachel Schwien (rschwien):  
   Approved for CLAS Graduate Program and Course Coordinator  
2. 09/21/17 12:38 pm  
   Rachel Schwien (rschwien): Approved for CGS PCC Subcommittee
Course Inventory Change Request

Course Deactivation Proposal

Date Submitted: 09/15/17 4:27 pm

Viewing: SPLH 961 : Experimental Phonetics I

Last edit: 09/15/17 4:27 pm

Changes proposed by: historkel

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<tr>
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<tbody>
<tr>
<td>Subject Code</td>
<td>SPLH</td>
</tr>
<tr>
<td>Academic Unit</td>
<td>Department Speech-Language-Hearing</td>
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<tr>
<td></td>
<td>School/College College of Lib Arts &amp; Sciences</td>
</tr>
<tr>
<td>Title</td>
<td>Experimental Phonetics I</td>
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<tr>
<td>Transcript Title</td>
<td>Experimental Phonetics I</td>
</tr>
<tr>
<td>Last Term Offered</td>
<td>Fall 2017</td>
</tr>
</tbody>
</table>

Catalog Description: This course will provide a description of the acoustic properties of the major classes of speech sounds, and will describe how these properties are utilized perceptually. It will also provide an understanding of the acoustic theory of speech production, and will discuss the implications of that theory relative to the modification of impaired speech.

Prerequisites: None

Cross Listed Courses: None

Credits: 3

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

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

Typically Offered: Not Typically Offered

Repeatable for credit?: No

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

Rationale for Course Proposal:

Justification for this request: This course was last offered Spring 1993 (which was not a choice given in the drop down menu). We have no plans to offer the course again.

Course Reviewer Comments

Key: T017

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

Approval Path
1. 09/13/17 9:51 am Rachel Schwien (rschwien): Approved for CLAS Graduate Program and Course Coordinator
2. 09/21/17 12:38 pm Rachel Schwien (rschwien): Approved for CGS PCC Subcommittee
Course Inventory Change Request

Course Deactivation Proposal

Date Submitted: 09/15/17 4:27 pm

Viewing: SPLH 962 : Experimental Phonetics II

Last edit: 09/15/17 4:27 pm

Changes proposed by: historkel

Catalog Pages referencing this course:
- College of Liberal Arts & Sciences
- Department of Speech-Language-Hearing: Sciences and Disorders
- Intercampus Program in Communicative Disorders

In The Catalog

Academic Career: Graduate, Lawrence
Subject Code: SPLH
Course Number: 962
Academic Unit: Department of Speech-Language-Hearing
School/College: College of Lib Arts & Sciences

Title: Experimental Phonetics II
Transcript Title: Experimental Phonetics II
Last Term Offered: Fall 2017

Catalog Description:
This course will examine the current methodologies utilized in speech physiology research, and will review the findings of recent research into the movement patterns of individual speech articulators. The course will emphasize the interpretation of individual research results in terms of an overall theory of speech motor timing and control.

Prerequisites: None

Cross Listed Courses:

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

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

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

Rationale for Course Proposal

Justification for this request:
This course was last offered Fall 1993 (which was not a choice given in the drop down menu). We have no plans to offer the course again.

Course Reviewer Comments
# Course Inventory Change Request

A deleted record cannot be edited

## Course Deactivation Proposal

**Date Submitted:** 09/15/17 4:28 pm  
**Viewing:** SPLH 963: Seminar in Hearing Science  
**Last edit:** 09/15/17 4:28 pm  
Changes proposed by: histoke

<table>
<thead>
<tr>
<th>Academic Career</th>
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<tr>
<td>Subject Code</td>
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<tr>
<td>Academic Unit</td>
<td>Department Speech-Language-Hearing</td>
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<td>School/College College of Lib Arts &amp; Sciences</td>
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<tr>
<td>Title</td>
<td>Seminar in Hearing Science</td>
</tr>
<tr>
<td>Transcript Title</td>
<td>Seminar in Hearing Science</td>
</tr>
<tr>
<td>Last Term Offered</td>
<td>Fall 2017</td>
</tr>
</tbody>
</table>

**Catalog Description:** Considers more advanced research problems in hearing science including psychoacoustics, speech perception, physiology.

**Prerequisites:** Consent of instructor.

**Cross Listed Courses:**

- **Credits:** 3
- **Course Type:** Lecture (Regularly scheduled academic course) (LEC)
- **Grading Basis:** A-D(+/-)FI (G11)
- **Typically Offered:** Not Typically Offered
- **Repeatable for credit?** No

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

### Rationale for Course Proposal

**Justification for this request:** This course was last offered Spring 1998 (which was not a choice given in the drop down menu). We have no plans to offer the course again.

**Course Reviewer Comments**

---

**Key:** 7019
Course Inventory Change Request

**Course Deactivation Proposal**

**Date Submitted:** 09/15/17 4:29 pm  
**Viewing:** SPLH 967: Seminar in Articulation  
**Last edit:** 09/15/17 4:28 pm  
Changes proposed by: hstorkel

<table>
<thead>
<tr>
<th>Academic Career</th>
<th>Graduate, Lawrence</th>
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</thead>
<tbody>
<tr>
<td>Subject Code</td>
<td>SPLH</td>
</tr>
<tr>
<td>Academic Unit</td>
<td>Department Speech-Language-Hearing</td>
</tr>
<tr>
<td></td>
<td>School/College College of Lib Arts &amp; Sciences</td>
</tr>
<tr>
<td>Title</td>
<td>Seminar in Articulation</td>
</tr>
<tr>
<td>Transcript Title</td>
<td>Seminar in Articulation</td>
</tr>
<tr>
<td>Last Term Offered</td>
<td>Fall 2017</td>
</tr>
</tbody>
</table>

**Catalog Description:** Research and important clinical procedures pertaining to discrimination, structural, and physiological considerations, causal factors in defective articulation, and principal therapeutic approaches are carefully examined.

**Prerequisites:** None

**Cross Listed Courses:**

<table>
<thead>
<tr>
<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(+/-)FI (G11)</td>
</tr>
</tbody>
</table>

**Typically Offered:** Not Typically Offered

**Repeateable for credit?** No

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

**Rationale for Course Proposal**

We have no idea when this course was last offered (which was not a choice given in the drop down menu). We have no plans to offer the course in the future.

**Course Reviewer Comments**
Course Inventory Change Request

A deleted record cannot be edited

Course Deactivation Proposal

Date Submitted: 09/15/17 4:29 pm

Viewing: SPLH 969 : Laboratory Instrumentation for Speech and Hearing Research

Last edit: 09/15/17 4:29 pm

Changes proposed by: histoke

<table>
<thead>
<tr>
<th>Academic Career</th>
<th>Graduate, Lawrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subject Code</td>
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</tr>
<tr>
<td>Academic Unit</td>
<td>Department Speech-Language-Hearing</td>
</tr>
<tr>
<td></td>
<td>School/College College of Lib Arts &amp; Sciences</td>
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<td>Title</td>
<td>Laboratory Instrumentation for Speech and Hearing Research</td>
</tr>
<tr>
<td>Transcript Title</td>
<td>Lab InstrmnSpchHearingRes</td>
</tr>
<tr>
<td>Last Term Offered</td>
<td>Fall 2017</td>
</tr>
</tbody>
</table>

Catalog Description

Instruments for speech and hearing research, their design and application. Experimental projects using laboratory equipment. Designing equipment for special purposes.

Prerequisites

SPLH 962.

Cross Listed Courses:

Credits

3

Course Type

Field Studies (Example: Geog 714 Field Experience) (FLD)

Grading Basis

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

Typically Offered

Not Typically Offered

Repeatable for credit?

No

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

Rationale for Course Proposal

Justification for this request

We have no idea when this course was last offered (which was not a choice given in the drop down menu). We have no plans to offer the course in the future.

Course Reviewer

Comments

In Workflow

1. CLAS Graduate Program and Course Coordinator
2. CGS PCC Subcommittee
3. CGS Committee
4. CAC
5. Registrar
6. PeopleSoft

Approval Path

1. 09/19/17 10:03 am
Rachel Schwien (rchwien):
Approved for CLAS Graduate Program and Course Coordinator
2. 09/21/17 12:38 pm
Rachel Schwien (rchwien):
Approved for CGS PCC Subcommittee

Key: TBD
Course Inventory Change Request

Course Deactivation Proposal

Data Submitted: 09/15/17 4:30 pm
Viewing: SPLH 972: Extensions of Clinical Management
Last edit: 09/15/17 4:30 pm
Changes proposed by: hstorkel

<table>
<thead>
<tr>
<th>Academic Career</th>
<th>Graduate, Lawrence</th>
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<tbody>
<tr>
<td>Subject Code</td>
<td>SPLH</td>
</tr>
<tr>
<td>Academic Unit</td>
<td>Department Speech-Language-Hearing</td>
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<td></td>
<td>School/College College of Lib Arts &amp; Sciences</td>
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<tr>
<td>Title</td>
<td>Extensions of Clinical Management</td>
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<tr>
<td>Transcript Title</td>
<td>Extensions Clinical Management</td>
</tr>
<tr>
<td>Last Term Offered</td>
<td>Fall 2017</td>
</tr>
<tr>
<td>Catalog Description</td>
<td>This course is designed to provide didactic and practical experience in methods of obtaining diagnostic information and generalization of speech and language responses away from the clinical setting. Models for effecting behavioral change and data collection will be discussed and utilized.</td>
</tr>
<tr>
<td>Prerequisites</td>
<td>None</td>
</tr>
<tr>
<td>Cross Listed Courses:</td>
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</tr>
<tr>
<td>Credits</td>
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<td>Course Type</td>
<td>Field Studies (Example: Geog 714 Field Experience) (FLD)</td>
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<tr>
<td>Grading Basis</td>
<td>A-D(+/ Fl (G11)</td>
</tr>
<tr>
<td>Typically Offered</td>
<td>Not Typically Offered</td>
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<tr>
<td>Repeatable for credit?</td>
<td>No</td>
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<tr>
<td>Will this course be required for a degree, major, minor, certificate, or concentration?</td>
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</tr>
<tr>
<td>Rationale for Course Proposal</td>
<td></td>
</tr>
<tr>
<td>Justification for this request</td>
<td>This course was last offered in Spring 1984 (which was not a choice given in the drop down menu). We have no plans to offer the course in the future.</td>
</tr>
<tr>
<td>Course Reviewer Comments</td>
<td></td>
</tr>
</tbody>
</table>

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

Approval Path
1. 09/19/17 10:03 am  
   Rachel Schwien (rschwien): Approved for CLAS Graduate Program and Course Coordinator
2. 09/21/17 12:38 pm  
   Rachel Schwien (rschwien): Approved for CGS PCC Subcommittee
Program Change Request

Date Submitted: 06/29/17 11:20 am

Viewing: MB-MA MBIO-MA: Biochemistry and Biophysics, M.A.

Last edit: 09/18/17 10:13 am
Changes proposed by: johnconn

Catalog Pages Using this Program

<table>
<thead>
<tr>
<th>Academic Career</th>
<th>Graduate, Lawrence</th>
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<tbody>
<tr>
<td>Program Type</td>
<td>Degree/Major</td>
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<tr>
<td>Department/Program</td>
<td>Molecular Biosciences Microbiology</td>
</tr>
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<td>School/College</td>
<td>College of Lib Arts &amp; Sciences</td>
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<td>Degree Code</td>
<td>Master of Arts - MA</td>
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<td>Consulting School(s)/College(s)</td>
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<td>Consulting Department(s)</td>
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<tr>
<td>CIP Code</td>
<td>260210</td>
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<td>PSFT - Registrar use only</td>
<td></td>
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<tr>
<td>Program Name</td>
<td>Biochemistry and Biophysics, M.A.</td>
</tr>
<tr>
<td>Do you intend to offer a track(s)?</td>
<td></td>
</tr>
<tr>
<td>Do you intend for this program to be offered online?</td>
<td>No</td>
</tr>
<tr>
<td>Effective Catalog</td>
<td>2018 - 2019</td>
</tr>
</tbody>
</table>

Program Description

Degree Requirements

Biochemistry and Biophysics

General Requirements for All M.A. Students

Refer to each discipline for specific course requirements. General requirements include
A. A minimum of 30 hours of graduate credit;
B. A minimum of 1 laboratory rotation during the first semester of graduate study;
C. Enrollment every semester in BIOL 701 Topics in Molecular Biosciences Seminar;
D. Completion of the following courses: BIOL 807 Graduate Molecular Biosciences and BIOL 818 Techniques in Molecular Biosciences;
E. A graduate committee established by the beginning of the spring semester of the first year;
F. A minimum of 1 annual graduate committee meeting until completion of the degree.
The following thesis options are available:
A. Write a thesis resulting from original research on a laboratory problem.
B. Publish a research paper in a national, refereed journal. Acceptance of the paper for publication constitutes publication for conferral of the degree.
C. Write a library thesis on a topic approved by the student’s graduate committee.

Specific M.A. Requirements:
<table>
<thead>
<tr>
<th>Rationale for proposal</th>
<th>BIOL 772 hours were incorrectly listed.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additional Information</td>
<td></td>
</tr>
<tr>
<td>Supporting Documents</td>
<td></td>
</tr>
<tr>
<td>Program Reviewer</td>
<td></td>
</tr>
<tr>
<td>Comments</td>
<td></td>
</tr>
</tbody>
</table>

Electives to satisfy the 30-hour requirement. Electives are determined in consultation with the graduate advisor and graduate committee.
Program Change Request

Date Submitted: 09/13/17 12:38 pm

Viewing: EVRN-PSM : Accelerated Professional Science Masters-Environmental Assessment

Last approved: 08/23/16 8:48 am
Last edit: 09/13/17 12:38 pm
Changes proposed by: termw

Catalog Pages Using this Program

<table>
<thead>
<tr>
<th>Academic Career</th>
<th>Graduate, Lawrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Program Type</td>
<td>Degree/Major</td>
</tr>
<tr>
<td>Department/Program</td>
<td>Environmental Studies</td>
</tr>
<tr>
<td>School/College</td>
<td>College of Lib Arts &amp; Sciences</td>
</tr>
<tr>
<td>Degree Code</td>
<td>Professional Science Masters - PSM</td>
</tr>
</tbody>
</table>

Consulting School(s)/College(s)
Consulting Department(s)

CIP Code
Program Name Accelerated Professional Science Masters-Environmental Assessment
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:

The KU Environmental Studies accelerated undergraduate-graduate degree track allows qualified EVRN B.S. students to graduate in 5 years with a Professional Science Masters in Environmental Assessment. The fast-track M.A. students to graduate provides excellent KU undergraduates in 5 years with a Professional Science Masters in Environmental Assessment. The fast-track PSM provides excellent KU undergraduates in Environmental Studies an opportunity to complete an PSM in Professional Science MA in Professional Science Masters-Environmental Assessment within a year of completing the bachelor's degree.
A. Upon acceptance by the Program to the 4+1 track, the student will meet with the PSM-EA Program Director, the PSM Graduate Advisor, and the Undergraduate Advisor for Environmental Studies to plan the final year of undergraduate courses, graduate courses to be taken for elective undergraduate credit, and outline the schedule of courses.

B. Prior to applying for graduate admission in the final spring semester of undergraduate study (Year 4), the student will meet with the PSM-EA Program Director, the PSM Graduate Advisor, and the Undergraduate Advisor for Environmental Studies together to review the student’s performance in the PSM-EA graduate courses taken for elective undergraduate credit during the summer and/or fall. A grade of "B" or better must be attained in these courses to continue in the track.

C. Following completion and award of the undergraduate degree (end of Spring Semester Year 4), the admitted student will again meet with the PSM-EA Program Director and the PSM Graduate Advisor to review the courses taken in the final year of undergraduate studies and review/update the course plan for the fifth year of study. The student’s performance in the graduate courses taken for elective undergraduate credit will be evaluated. To continue in the track, students must earn a combined minimum GPA of 3.0 & up in the 9 credit hours of undergraduate courses.

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

Students must complete all requirements for the PSM-EA 4+1 within 1 year of post-bachelor’s. If a student does not complete the requirements within 1 year of post-bachelor’s, or is at any time determined to be ineligible to continue on the accelerated track, the student may petition the program for admission to the standard 33-hour PSM-EA degree track. Upon acceptance, students will be expected to either 1) repeat for graduate credit PSM coursework taken only for undergraduate credit, or 2) take additional elective coursework to complete the 33 hours. Specific coursework requirements in each case will be by agreement with the advisor.

Total minimum credit hours required (9 of these credit hours will be completed for undergraduate credit) is 33 hours.

<table>
<thead>
<tr>
<th>Core Courses (Business and Professional Skills) (12)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PMGT 633 Management of Internal Projects for Scientists and Technical Professionals</td>
<td>3</td>
</tr>
<tr>
<td>ENTR 701 Entrepreneurship</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 708 Accounting and Finance for Professionals</td>
<td>3</td>
</tr>
<tr>
<td>COMS 730 Writing and Speaking for Decision Makers</td>
<td>3</td>
</tr>
<tr>
<td>or COMS 811 Applied Organization Communication</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Science Concentration (12)</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>EVRN 616 Environmental Impact Assessment</td>
<td>3</td>
</tr>
<tr>
<td>EVRN 721 Environmental Regulation and Policy</td>
<td>3</td>
</tr>
</tbody>
</table>

Select two from

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVRN 611</td>
<td>Water Quality, Land Use, and Watershed Ecosystems</td>
</tr>
<tr>
<td>EVRN 740</td>
<td>Soil Science for Environmental Assessment</td>
</tr>
<tr>
<td>EVRN 750</td>
<td>Environmental Air Quality Assessment</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Electives (6)</th>
<th></th>
</tr>
</thead>
</table>

Select 2-4 courses to total at least 6 credit hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVRN 815</td>
<td>Professional Science Masters Capstone</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total Hours</th>
<th></th>
</tr>
</thead>
</table>

Rationale for proposal: Change from the "IMA" degree to the "PSM" degree notations for consistency/accuracy and updated minimum GPA to 3.0 to stay consistent with the "B" average that is required for courses taken in our program.
Program Change Request

Date Submitted: 05/11/17 9:28 am

Viewing: GEOG-CRTG : Graduate Certificate in Geographic Information Science

Last approved: 11/22/16 8:48 am
Last edit: 09/19/17 9:45 am
Changes proposed by: koemer

Catalog Pages
Using this Program

Academic Career
Graduate, Lawrence

Program Type
Certificate

Department/Program
Geography

School/College
College of Lib Arts & Sciences

Consulting School(s)/College(s)

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

Consulting Department(s)

Department(s)
Geography

CIP Code
45.0701

Program Name
Graduate Certificate in Geographic Information Science

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

Effective Catalog

In Workflow
A. CLAS Graduate Program and Course Coordinator

B. CGS PCC Subcommittee

C. CGS Committee

D. CAC

E. Future Academic Catalog

Approval Path
A. 05/11/17 10:03 am
Rachel Schwien (rschwien):
Approved for CLAS Graduate Program and Course Coordinator

B. 09/07/17 11:33 am
Rachel Schwien (rschwien):
Approved for CGS PCC Subcommittee

C. 09/14/17 2:28 pm
Rachel Schwien (rschwien):
Approved for CGS Committee

D. 09/19/17 9:45 am
Rachel Schwien (rschwien):
Rollback to CGS PCC Subcommittee for CAC

E. 09/21/17 12:39 pm
Rachel Schwien (rschwien):
Approved for
Program Description

The Department of Geography and Atmospheric Science in the College of Liberal Arts and Sciences proposes to create a new graduate certificate program in Geographic Information Science (GIScience).

Geographic information systems (GIS) consist of computer hardware, software, data, and people that are 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. Graduate 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 graduate 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 graduate certificate program complements the existing M.A., M.S., and Ph.D. degrees and builds upon the existing graduate concentrations in GIScience within the department.

Degree Requirements

A total of 12 credit hours are required to earn the certificate. Only one course outside of the Department of Geography and Atmospheric Science may be included in these 12 credit hours. Course requirements include the following:

Select 2 of the 3 core GIS courses (6-7 credit hours) listed below:

- GEOG 528 Spatial Databases
- GEOG 558 Intermediate Geographical Information Systems
- GEOG 560 GIS Application Programming

Core courses may be waived and replaced with approved electives in cases where students have completed the same course for undergraduate credit.

Select an additional 5-6 credit hours of electives from the following:

- ATMO 542 Remote Sensing
- GEOG 517 Data Handling and Map Symbolization
- GEOG 519 Advanced Cartography and Geovisualization
- GEOG 518 Geoinformatics Internship
- GEOG 526 Remote Sensing of Environment I
- GEOG 544 Location Modeling
- GEOG 558 Topics in Geospatial Technologies: ______
- GEOG 716 Advanced Geostatistics
- GEOG 726 Remote Sensing of Environment II
- GEOG 758 Geographic Information Science
- GEOG 808 Readings in Geography

Any graduate-level GIS application course from another department/school (in consultation with advisor)

Or, a third core course from the core GIS courses listed above

At least once per year students are required to meet with the certificate Director to discuss progress in the program.

A student can take no longer than 4 years to pursue the certificate unless a leave of absence or other extenuating circumstances are present. In either event a petition letter must be submitted to the Director during the 4th year of enrollment.

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
Rachel Schwien (rschwien) (09/19/17 9:45 am): Rollback; Additional edits made to the certificate. Rolling back to CGS subcommittee for review