

1

Missouri State

Curricular Action Workflow



Missouri State > Computer Services - MIS > Curricular Action Workflow > CAW - Change Course Proposal Form

Change Course Proposal Form

Submitted on 08/24/2017 by Debra Finn (DFinn@MissouriState.edu).

\*All fields require input

This proposal applies to:

- Radio buttons for 'An existing COURSE' and 'An existing REGULAR (e.g. permanent) SECTION of a variable content course.'

Existing Course:

BIO509 Stream Ecology

Will this proposal need to be reviewed by CGEIP? No Yes

Will this proposal need to be reviewed by EPPC? No Yes

Current online catalog description:

BIO 509 Stream Ecology

Prerequisite: BIO 369. Recommended Prerequisite: CHM 171 or higher. The interdisciplinary study of running waters, including study of the physical and chemical environment, trophic interactions, nutrient cycling, and the multiple impacts of humans on modifying these systems. Lectures, group discussion of readings, and laboratory and field exercises. One all-day Saturday field trip required. May be taught concurrently with BIO 609. Cannot receive credit for both BIO 609 and BIO 509. Public Affairs Capstone Experience course. 4(2-4) S

Revise the current online catalog description as needed: (Strike through all deletions and insert/bold new information. Any content that is copied and pasted will lose existing formatting; please review prior to submission.)

Rich text editor toolbar with back, forward, bold, italic, and strikethrough icons.

BIO 509 Stream Ecology

Prerequisite: BIO 369. Recommended Prerequisite: CHM 171 or higher. The interdisciplinary study of running waters, including study of the physical and chemical environment, trophic interactions, nutrient cycling, and the multiple impacts of humans on modifying these systems. Lectures, group discussion of readings, and laboratory and field exercises. One all-day Saturday field trip required. May be taught concurrently with BIO 609. Cannot receive credit for both BIO 609 and BIO 509. Public Affairs Capstone Experience course. 4(2-4) 4(3-3) S

What is changing? Check all boxes that apply.

1

- Course Code
- Course Number (Check Availability)
- Title
- Prerequisite
- Credit Hours/Contact Hours
- Periodicity
- Description

Reason for proposed change

This is a very simple change. Contact hours (6 per week) remain the same, and credit hours also are the same. I am proposing to officially list the course as 3 lecture hours + 3 laboratory hours per week, instead of the original 2 lecture hours + 4 lab hours. Last semester, I found that 3 lab hours is sufficient, but >2 lecture hours is required to cover the material in sufficient depth.

Does this change affect course assessment (e.g. student learning evidence/outcomes)?  No  Yes

How did you determine the need for this change? Check all boxes that apply or specify other.

- Routine or annual review/assessment of curriculum
- Faculty Input
- Student Input
- Accreditation/certification compliance
- Review of catalog information
- Other (be specific):
- Check if this is a non-substantive change.

What is the date that this course change was approved by departmental or program faculty? (MM/DD/YYYY)

08/24/2017

Current Status:

College Council Review

Proposal Progress:

08/25/2017 - Submitted by Department Head (S Mathis)

Review Comments:

No comments have been added to this proposal.



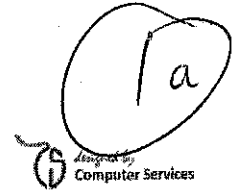
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Missouri State

Curricular Action Workflow



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Change Course Proposal Form

Submitted on 08/24/2017 by Debra Finn (DFinn@MissouriState.edu).

\*All fields require input

This proposal applies to:

- Radio buttons for 'An existing COURSE' and 'An existing REGULAR (e.g. permanent) SECTION of a variable content course.'

Existing Course:

BIO609 Stream Ecology

Will this proposal need to be reviewed by CGEIP? [X] No [ ] Yes

Will this proposal need to be reviewed by EPPC? [X] No [ ] Yes

Current online catalog description:

BIO 609 Stream Ecology

Recommended Prerequisite: ecology course and one year of college chemistry. The interdisciplinary study of running waters, including study of the physical and chemical environment, trophic interactions, nutrient cycling, and the multiple impacts of humans on modifying these systems. Lectures, group discussion of readings, and laboratory and field exercises. One all-day Saturday field trip required. May be taught concurrently with BIO 509. Cannot receive credit for both BIO 509 and BIO 609. 4(2-4) SO

Revise the current online catalog description as needed: (Strikethrough all deletions and insert/bold new information. Any content that is copied and pasted will lose existing formatting; please review prior to submission.)

Rich text editor toolbar with B, I, S buttons.

BIO 609 Stream Ecology

Recommended Prerequisite: ecology course and one year of college chemistry. The interdisciplinary study of running waters, including study of the physical and chemical environment, trophic interactions, nutrient cycling, and the multiple impacts of humans on modifying these systems. Lectures, group discussion of readings, and laboratory and field exercises. One all-day Saturday field trip required. May be taught concurrently with BIO 509. Cannot receive credit for both BIO 509 and BIO 609. 4(2-4) ~~SO~~ 4(3-3) S

What is changing? Check all boxes that apply.

- Course Code
- Course Number (Check Availability)
- Title
- Prerequisite
- Credit Hours/Contact Hours
- Periodicity
- Description

1a

Reason for proposed change

The simple change proposed here is to match that submitted for BIO 509. Contact hours (6 per week) remain the same, and credit hours also are the same. I am proposing to officially list the course as 3 lecture hours + 3 laboratory hours per week, instead of the original 2 lecture hours + 4 lab hours. Last semester, I found that 3 lab hours is sufficient, but >2 lecture hours is required to cover the material in sufficient depth. Note that I have added one additional change here (compared to the proposal for BIO 509): BIO 609, as BIO 509 already is, should be listed as simply a Spring offering, rather than strictly Spring/Odd.

Does this change affect course assessment (e.g. student learning evidence/outcomes)?  No  Yes

How did you determine the need for this change? Check all boxes that apply or specify other.

- Routine or annual review/assessment of curriculum
- Faculty Input
- Student Input
- Accreditation/certification compliance
- Review of catalog information
- Other (be specific):
- Check if this is a non-substantive change.

What is the date that this course change was approved by departmental or program faculty? (MM/DD/YYYY)

08/24/2017

Current Status:

Dean Review

Proposal Progress:

08/25/2017 - Submitted by Department Head (S Mathis)

Review Comments:

No comments have been added to this proposal.



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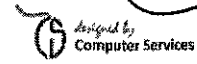
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**Missouri State.**

**Curricular Action Workflow**

2



Missouri State > Computer Services - MIS > Curricular Action Workflow > CAW - Change Course Proposal Form

**Change Course Proposal Form**

**Submitted on 08/22/2017 by La Toya Kissoon-Charles (LKissoon@MissouriState.edu).**

**\*All fields require input**

This proposal applies to:

- An existing COURSE
- An existing REGULAR (e.g. permanent) SECTION of a variable content course.

Existing Course:

BIO533 Wetland Ecology

Will this proposal need to be reviewed by CGEIP?  No  Yes

Will this proposal need to be reviewed by EPPC?  No  Yes

Current online catalog description:

BIO 533 Wetland Ecology

Prerequisite: BIO 369. Recommended Prerequisite: CHM 171 or higher. The composition, structure, function, and importance of wetland ecosystems. Comparisons of different wetland types, hydrology, nutrient cycles, plants and animals and their adaptations, and conservation strategies. May be taught concurrently with BIO 633. Cannot receive credit for both BIO 633 and BIO 533. 3(2-2) D

Revise the current online catalog description as needed: (Strikethrough all deletions and insert/bold new information. Any content that is copied and pasted will lose existing formatting; please review prior to submission.)



BIO 533 Wetland Ecology

Prerequisite: BIO 369. Recommended Prerequisite: CHM 171 or higher. The composition, structure, function, and importance of wetland ecosystems. Comparisons of different wetland types, hydrology, nutrient cycles, plants and animals and their adaptations, and conservation strategies. May be taught concurrently with BIO 633. Cannot receive credit for both BIO 633 and BIO 533. ~~3(2-2) D~~ **4(3-3)D**

What is changing? Check all boxes that apply.

- Course Code
- Course Number (Check Availability)
- Title
- Prerequisite
- Credit Hours/Contact Hours
- Periodicity
- Description

2

Reason for proposed change

Proposed change from 3 credit hours to 4 credit hours.  
 Proposed change from 2 lecture contact hours to 3 lecture contact hours.  
 Proposed change from 2 lab contact hours to 3 lab contact hours.  
 The course currently meets Wednesdays and Fridays. The opportunity to meet Monday, Wednesday, and Friday will help with student retention of the course material, provide more time for students to engage in group work and class activities, and will also help the instructor present the course material more efficiently.  
 Increasing the lab hours will allow for more time for local class field trips and managing lab research projects. Two hours did not appear to be sufficient for these activities.

Does this change affect course assessment (e.g. student learning evidence/outcomes)?  No  Yes

How did you determine the need for this change? Check all boxes that apply or specify other.

- Routine or annual review/assessment of curriculum
- Faculty Input
- Student Input
- Accreditation/certification compliance
- Review of catalog information
- Other (be specific):
- Check if this is a non-substantive change.

What is the date that this course change was approved by departmental or program faculty? (MM/DD/YYYY)

08/21/2017

**Current Status:**

College Council Review

**Proposal Progress:**

08/22/2017 - Submitted by Department Head (S Mathis)

**Review Comments:**

No comments have been added to this proposal.



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Missouri State.

Curricular Action Workflow



Missouri State > Computer Services - MIS > Curricular Action Workflow > CAW - Change Course Proposal Form

Change Course Proposal Form

Submitted on 08/22/2017 by La Toya Kissoon-Charles (LKissoon@MissouriState.edu).

\*All fields require input

This proposal applies to:

- Radio buttons for 'An existing COURSE' and 'An existing REGULAR (e.g. permanent) SECTION of a variable content course.'

Existing Course:

BIO633 Wetland Ecology

Will this proposal need to be reviewed by CGEIP? No Yes

Will this proposal need to be reviewed by EPPC? No Yes

Current online catalog description:

BIO 633 Wetland Ecology

Recommended Prerequisite: ecology course; and one year of college chemistry. The composition, structure, function, and importance of wetland ecosystems. Comparisons of different wetland types, hydrology, nutrient cycles, plants and animals and their adaptations, and conservation strategies. May be taught concurrently with BIO 533. Cannot receive credit for both BIO 533 and BIO 633. 3(2-2) D

Revise the current online catalog description as needed: (Strikethrough all deletions and insert/bold new information. Any content that is copied and pasted will lose existing formatting; please review prior to submission.)



BIO 633 Wetland Ecology

Recommended Prerequisite: ecology course; and one year of college chemistry. The composition, structure, function, and importance of wetland ecosystems. Comparisons of different wetland types, hydrology, nutrient cycles, plants and animals and their adaptations, and conservation strategies. May be taught concurrently with BIO 533. Cannot receive credit for both BIO 533 and BIO 633. 3(2-2) D 4(3-3)D

What is changing? Check all boxes that apply.

- Checkboxes for 'Course Code', 'Course Number (Check Availability)', 'Title', and 'Prerequisite'

2a

Credit Hours/Contact Hours     Periodicity     Description

Reason for proposed change

Proposed change from 3 credit hours to 4 credit hours.  
Proposed change from 2 lecture contact hours to 3 lecture contact hours.  
Proposed change from 2 lab contact hours to 3 lab contact hours.  
The course currently meets Wednesdays and Fridays. The opportunity to meet Monday, Wednesday, and Friday will help with student retention of the course material, provide more time for students to engage in group work and class activities, and will also help the instructor present the course material more efficiently.  
Increasing the lab hours will allow for more time for local class field trips and managing lab research projects. Two hours did not appear to be sufficient for these activities.

Does this change affect course assessment (e.g. student learning evidence/outcomes)?  No     Yes

How did you determine the need for this change? Check all boxes that apply or specify other.

- Routine or annual review/assessment of curriculum
- Faculty Input
- Student Input
- Accreditation/certification compliance
- Review of catalog information
- Other (be specific):
- Check if this is a non-substantive change.

What is the date that this course change was approved by departmental or program faculty? (MM/DD/YYYY)

08/21/2017

**Current Status:**

Dean Review

**Proposal Progress:**

08/22/2017 - Submitted by Department Head (S Mathis)

**Review Comments:**

No comments have been added to this proposal.



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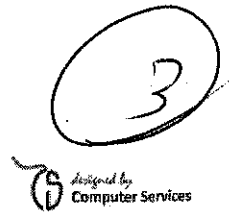
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Missouri State

Curricular Action Workflow



Missouri State > Computer Services - MIS > Curricular Action Workflow > CAW - Change Course Proposal Form

Change Course Proposal Form

Submitted on 08/24/2017 by Kevin Mickus (Kevinmickus@missouristate.edu).

\*All fields require input

This proposal applies to:

- Radio buttons for 'An existing COURSE' and 'An existing REGULAR (e.g. permanent) SECTION of a variable content course.'

Existing Course:

GLG360 Directed Field Trips

Will this proposal need to be reviewed by CGEIP? No Yes

Will this proposal need to be reviewed by EPPC? No Yes

Current online catalog description:

GLG 360 Directed Field Trips

Prerequisite: GLG 110 or both GLG 171 and GLG 172, and permission. Geologic field trips to areas of special interest. Because credit hours and destinations vary, the course may be repeated to a total of 8 hours. However, no more than 4 hours may count toward any Geology major. Variable content course. Graded Pass/Not Pass only. Supplemental course fee. 1-3 D

Revise the current online catalog description as needed: (Strike through all deletions and insert/bold new information. Any content that is copied and pasted will lose existing formatting; please review prior to submission.)



GLG 360 Directed Field Trips

Prerequisite: GLG 110 or both GLG 171 and GLG 172, **GLG 314**, and permission. Geologic field trips to areas of special interest. Because credit hours and destinations vary, the course may be repeated to a total of 8 hours. However, no more than 4 hours may count toward any Geology major. Variable content course. Graded Pass/Not Pass only. Supplemental course fee. 1-3 D

What is changing? Check all boxes that apply.

- Checkboxes for 'Course Code', 'Course Number (Check Availability)', 'Title', and 'Prerequisite'.



Missouri State.

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## Curricular Action Workflow



Missouri State > Computer Services - MIS > Curricular Action  
Workflow > CAW - Change Course Proposal Form

## Change Course Proposal Form

Submitted on 08/17/2017 by Judith Meyer ([Judithmeyer@missouristate.edu](mailto:Judithmeyer@missouristate.edu)).

**\*All fields require input**

This proposal applies to:

- An existing COURSE
- An existing REGULAR (e.g. permanent) SECTION of a variable content course.

Existing Course:

GRY353 Geographic Field Studies

Will this proposal need to be reviewed by CGEIP?  No  Yes

Will this proposal need to be reviewed by EPPC?  No  Yes

Current online catalog description:

GRY 353 Geographic Field Studies

Prerequisite: permission. Field methods in physical and cultural geography involving the collection and analysis of data. Fields trips required. Graded Pass/Not Pass only. Supplemental course fee. Variable content course; because destinations vary, the course may be repeated to a total of 4 hours. Public Affairs Capstone Experience course. 2(0-4) D

Revise the current online catalog description as needed: (Strikethrough all deletions and insert/bold new information. Any content that is copied and pasted will lose existing formatting; please review prior to submission.)

← → | **B** / **I** / **S**

GRY 353 Geographic Field Studies **Experience in Geography (inside continental USA)**

Prerequisite: permission. **This Public Affairs Capstone Experience course is a field course that involves collecting, analyzing, interpreting, and sharing data in physical and cultural geography as part of a group field trip within the continental USA, meeting all three of the requirements for a Public Affairs Experience course: ethical leadership, cultural competence, and community engagement. Students must participate in classroom sessions before the required field trip as well as turn in a final project.** ~~Field methods in physical and cultural geography involving the collection and analysis of data. Fields trips required. The course is G graded Pass/Not Pass only, and there is a s Supplemental course fee. Variable content course; because destinations vary.~~ **At the discretion of the Department Head, field study and Study Away courses in other departments may substitute for GRY 353. This** the course may be repeated to a total of 4 **6** hours if the destinations differ. Public Affairs Capstone Experience course. 2 **3**(0-4 **6**) D

4

What is changing? Check all boxes that apply.

- Course Code
- Course Number (Check Availability)
- Title
- Prerequisite
- Credit Hours/Contact Hours
- Periodicity
- Description

Reason for proposed change

New title more clearly reflects the content and goals of the course, since it is meant to immerse students in the cultural and physical setting of different places rather than merely traveling there. Credit hours for the course have increased from 2 to 3 credits to reflect the additional time and commitment for pre-travel, in-class studies and post-trip assessment. This increase in one-credit hour as part of the degree program is off-set by our deleting a one-credit required course, GRY 498: Placement seminar. The new course description clarifies GRY 353's role as the departmental Public Affairs Capstone Experience as well as students' option to substitute field courses from other departments or Study Away.

Does this change affect course assessment (e.g. student learning evidence/outcomes)?  No  Yes

How did you determine the need for this change? Check all boxes that apply or specify other.

- Routine or annual review/assessment of curriculum
- Faculty Input
- Student Input
- Accreditation/certification compliance
- Review of catalog information

Other (be specific):

As part of the new, stream-lined Geography BA and BS degree programs, we wanted to revise/clarify the wording of our two field courses so that they were more accurate and so the wording of the two courses was parallel. The wording of the "outside the continental USA" course, GRY 470, is now parallel to GRY 353.

Check if this is a non-substantive change.

What is the date that this course change was approved by departmental or program faculty? (MM/DD/YYYY)

08/26/2016

**Current Status:**

College Council Review

**Proposal Progress:**

08/24/2017 - Submitted by Department Head (Toby Dogwiler)

**Review Comments:**

No comments have been added to this proposal.



**MAKE YOUR COURSE CHANGES**

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Missouri State.

## Curricular Action Workflow

5

Missouri State > Computer Services - MIS > Curricular Action  
Workflow > CAW - Change Course Proposal Form

## Change Course Proposal Form

Submitted on 08/17/2017 by Judith Meyer (Judithmeyer@missouristate.edu).

**\*All fields require input**

This proposal applies to:

- An existing COURSE
- An existing REGULAR (e.g. permanent) SECTION of a variable content course.

Existing Course:

GRY470 International Field Study in Geography

Will this proposal need to be reviewed by CGEIP?  No  YesWill this proposal need to be reviewed by EPPC?  No  Yes

Current online catalog description:

GRY 470 International Field Study in Geography

Prerequisite: permission. Focuses on a geography issue or issues affecting an international geographic location. Travel to field location outside the United States is required. In order to apply geographic theory to practical settings the collection and analysis of field data is required. Graded Pass/Not Pass only. Variable content course; because destinations vary, the course may be repeated to a total of 4 hours. Public Affairs Capstone Experience course.

2(0-4) D

Revise the current online catalog description as needed: (Strikethrough all deletions and insert/bold new information. Any content that is copied and pasted will lose existing formatting; please review prior to submission.)

GRY 470 International Field Study **Experience** in Geography (**outside continental USA**)

Prerequisite: permission. Focuses on a geography issue or issues affecting an international geographic location. Travel to field location outside the United States is required. In order to apply geographic theory to practical settings the collection and analysis of field data is required. **This Public Affairs Capstone Experience course is a field course that involves collecting, analyzing, interpreting, and sharing data in physical and cultural geography as part of a group field trip outside the continental USA, meeting all three of the requirements for the Public Affairs Experience course: ethical leadership, cultural competence, and community engagement. Students must participate in classroom sessions before the required field trip as well as turn in a final project. The course is gG rated Pass/Not Pass only, and there is a supplemental course fee. At the discretion of the Department Head, field study and Study Away courses in other departments may substitute for GRY 470. This course Variable content course.** because destinations vary, the course may be repeated to a total of 4 6 hours if the destinations differ. Public Affairs Capstone Experience course: 2 3(0-4 6) D

5

What is changing? Check all boxes that apply.

- Course Code
- Course Number (Check Availability)
- Title
- Prerequisite
- Credit Hours/Contact Hours
- Periodicity
- Description

Reason for proposed change

As with GRY 359, the sister course to GRY 470, the new title more clearly reflects the experiential nature of the course along with the travel and research components as part of the Public Affairs Capstone experience. The one additional credit hour (from two credits to three) more accurately reflects the amount of time spent in the classroom prior to and following the travel/field trip component.

Does this change affect course assessment (e.g. student learning evidence/outcomes)?  No  Yes

How did you determine the need for this change? Check all boxes that apply or specify other.

- Routine or annual review/assessment of curriculum
- Faculty input
- Student input
- Accreditation/certification compliance
- Review of catalog information
- Other (be specific):
- Check if this is a non-substantive change.

What is the date that this course change was approved by departmental or program faculty? (MM/DD/YYYY)

08/26/2016

**Current Status:**

College Council Review

**Proposal Progress:**

08/24/2017 - Submitted by Department Head (Toby Dogwiler)

**Review Comments:**

No comments have been added to this proposal.



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Missouri State

Curricular Action Workflow



Missouri State > Computer Services - MIS > Curricular Action Workflow > CAW - Delete Course Proposal Form

Delete Course Proposal Form

Submitted on 08/17/2017 by Judith Meyer (Judithmeyer@missouristate.edu).

\*All fields require input

This proposal applies to:

- Radio buttons for: An existing COURSE, An existing REGULAR (e.g. permanent) SECTION of a variable content course.

Existing Course:

GRY498 Placement Seminar in Geography, Geospatial Sciences and Planning

Will this proposal need to be reviewed by CGEIP? [X] No [ ] Yes

Will this proposal need to be reviewed by EPPC? [X] No [ ] Yes

Online catalog description.

Prerequisite: 90 hours. Readings and discussion of current trends in geography, geospatial sciences, and planning with consideration given to future employment. A senior assessment evaluation is included in this course. Public Affairs Capstone Experience course. Graded Pass/Not Pass only. 1(1-0) F,S

Reason for proposed Deletion

There is no longer a need for this course. Students in each of the three degree programs served by GRY 498 -- geography, planning, and geospatial science -- are now advised by their advisors within their degree programs regarding jobs upon graduation. It is no longer possible for a single faculty member to successfully advise students in such disparate degree fields on employment. We have increased the credit hour production of our required Public Affairs Capstone Experience field study courses to absorb the one-credit hour lost by deleting GRY 498 from the degree program.

How did you determine the need for this change? Check all boxes that apply or specify other.

- Checkboxes for: Routine or annual review/assessment of curriculum, Accreditation/certification compliance, Other (be specific), Faculty Input, Review of catalog information, Student Input.

What is the date that this course change was approved by departmental or program faculty?

08/26/2016

6

**Current Status:**

College Council Review

**Proposal Progress:**

08/24/2017 - Submitted by Department Head (Toby Dogwiler)

**Review Comments:**

No comments have been added to this proposal.



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7

Missouri State

Curricular Action Workflow



Missouri State > Computer Services - MIS > Curricular Action Workflow > CAW - Change Program Proposal Form

# Change Program Proposal Form

Submitted on 08/17/2017 by Judith Meyer ([Judithmeyer@missouristate.edu](mailto:Judithmeyer@missouristate.edu)).

**Department:**

Geography, Geology, & Planning

**Type of Program**

**Choose One:**

- Major (Non-Comprehensive/Graduate Program)
- Minor
- Academic Rules
- Certificate
- Other
- Comprehensive Major
- Certification
- Option

**Title of Program Affected:**

Geography-BA-Minor Required

**Current Catalog Description:** (Either cut and paste present description from online catalog **OR** provide as an attachment below)

Geography (Non-Comprehensive)  
 Bachelor of Arts  
 General Education Program and Requirements  
 Major Requirements (35-36 hours)  
 GRY 100(3), 142(4), 363(4), 367(3), 498(1)  
 Complete one of the following: GRY 300(3), 305(3)  
 Complete one of the following field-studies courses: GRY 301(3), 353(2), 470(2)  
 Related requirement (3 hours): AGR 330(3) or MTH 340(3) or PSY 200(3) or QBA 237(3) or REC 328(3) or SOC 302(3)  
 Complete 12 additional hours with GRY, GEO, or PLN prefix.  
 Public Affairs Capstone Experience will be fulfilled by completion of GRY 498(1) and GRY 301(3) or 353(2) or 470(2).  
 Minor Required (or second major)  
 Specific Bachelor of Arts Degree Requirements  
 General Baccalaureate Degree Requirements

Attached

**Complete New Catalog Description:** (Either provide the revised description in the text area below [strikethrough all deletions and insert/bold new information - any

content that is copied and pasted will lose existing formatting; please review prior to submission] OR provide as an attachment below)

7

← → | **B** *I* ~~S~~

Geography (Non-Comprehensive)  
 Bachelor of Arts  
 General Education Program and Requirements  
 Major Requirements (35-36 hours)  
 GRY 100(3), 142(4), 363(4), and **PLN 367(3)**–498(1)  
 Complete one of the following: GRY 300(3), 305(3)  
 Complete one of the following field studies courses: GRY 301(3), 353(2), 470(2)  
 Related requirement (3 hours): AGR 330(3) or MTH 340(3) or PSY 200(3) or QBA 237(3) or REC 328(3) or SOC 302(3)  
 Public Affairs Capstone Experience will be fulfilled by completion of GRY 498(1) and GRY 301(3) or 353(2 3) or 470(2 3). **Field courses offered by other departments may be substituted for teh GRY field experience with permission of the Department Head and, for some students, a 3-hour Study Away experience.**  
 Complete 12 additional hours with GRY, GEO, or PLN prefix.  
 Minor Required (or second major)  
 Specific Bachelor of Arts Degree Requirements  
 General Baccalaureate Degree Requirements

Attached

**What is changing? Check all boxes that apply:**

- Title change
  - From option to program (major)
  - Other
  - Course changes of under 18 hours
  - From program (major) to option
  - Course changes of 18 hours or more
- From major with options to single major with no options

**Reason for Proposed Change:**

When we streamlined the BS in Geography degree, we failed to make the concomitant changes to the BA in Geography program. These changes bring the two degree programs into agreement. The changes include changing the no-longer-taught GRY 367 to PLN 367, which is now taught in both spring and fall; deleting GRY 498: Placement seminar which is no longer taught; increasing the credit hours for our field study courses, GRY 353 and GRY 470 from two to three credits; and cleaning up the redundancy in the old BA degree description that lists the field experience requirement twice (first as #3 and again as #6).

**What is the date that this new program was approved by departmental or program faculty? (MM/DD/YYYY)**

08/26/2016

**Current Status:**

College Council Review

**Proposal Progress:**

08/24/2017 - Submitted by Department Head (Toby Dogwiler)

**Review Comments:**

No comments have been added to this proposal.



**MAKE VOID**

**MENT**

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Geography (Non-Comprehensive)

Bachelor of Science

A. General Education Requirements - see General Education Program and Requirements section of catalog

B. Major Requirements (38-44 hours)

1. Core Requirements (15 hours): GRY 100(3), 142(4), 363(4), 367(3), 498(1)

2. Related Requirement (3 hours): AGR 330(3) or MTH 340(3) or PSY 200(3) or QBA 237(3) or REC 328(3) or SOC 302(3)

3. Public Affairs Capstone Experience will be fulfilled by completion of GRY 498(1) and either GRY 301(3) or 353(2) or 470(2). Course may also be used to satisfy option requirement.

4. Complete one of the following options:

a. Cultural and Regional Geography (20-21 hours)

1. Complete one of the following: GRY 300(3), 305(3), 318(3)

2. Complete one of the following: GRY 320(3), 321(3), 322(3), 323(3)

3. Complete one of the following field-studies courses: GRY 301(3), 353(2), 470(2)

4. Complete 12 additional hours with GRY, GEO or PLN prefix

b. Environmental and Natural Resources (24-25 hours)

1. GRY 135(4), 348(3), 351(3), 535(3); GEO 561(3)

2. Complete one of the following: GRY 300(3), 305(3), 320(3), 321(3), 322(3), 323(3)

3. Complete one of the following field-studies courses: GRY 301(3), 353(2), 470(2); GLG 360(2)

4. Complete 3 additional hours with GRY, GEO, or PLN prefix

5. Recommended supplementary courses: CHM 116(4) and 117(1), or CHM 160(4); AGN 215(3); BIO 122(4); GRY 597(1-5). Students should select a minor in science, mathematics, agriculture, or an approved

personalized minor.

c. Geotourism (26 hours)

1. GRY 108(3), 308(3), 310(3), 328(3), 410(3), 470(2), 510(3); HRA 340(3)

2. Complete a minimum of 3 hours from the following: GLG 171(3); GRY 301(3), 305(3), 318(3), 320(3), 321(3), 322(3), 323(3), 353(2), 399(1-3); PLN 100(3), 372(3), 573(3), 574(3), 599(1-3)

3. Recommended supplementary courses: any additional courses in subsection 2 or 3, plus any of the following: AGP 121(2); ART 271(3); HRA 210(3), 428(3), 430(3); JRN 270(3); MKT 150(3); PHI 302(3); PLS 232(3); REC 152(3), 303(3); THE 101(3)

C. Minor Required (or second major)

D. General Baccalaureate Degree Requirements - see General Baccalaureate Degree Requirements section of catalog

Geography (Non-Comprehensive)  
Bachelor of Science

A. General Education Requirements - see General Education Program and Requirements section of catalog

B. Major Requirements (~~38-44~~ 35 hours)

1. Core Requirements (~~15~~ 23 hours): GRY 100(3); 142(4); 363(4); 367(3); 498(1); and one of the following courses: GRY 300, 305, 316, 318, 320, 321, 322, or 323

2. Related Requirement (3 hours): AGR 330(3) or MTH 340(3) or PSY 200(3) or QBA 237(3) or REC 328(3) or SOC 302(3)

3. Public Affairs Capstone Experience will be fulfilled by completion of GRY 498(1) and either one field experience course: GRY 301(3), 353(2)(3), or 470(2)(3) Field courses offered by other departments may be substituted for the GRY field experience with permission of department head, and the field experience requirement may be waived for some students participating in Study Away. Course may also be used to satisfy option requirement.

4. Complete 12 additional hours with GRY, GEO, or PLN prefix.

~~4. Complete one of the following options:~~

~~a. Cultural and Regional Geography (20-21 hours)~~

~~1. Complete one of the following: GRY 300(3), 305(3), 318(3)~~

~~2. Complete one of the following: GRY 320(3), 321(3), 322(3), 323(3)~~

~~3. Complete one of the following field-studies courses: GRY 301(3); 353(2), 470(2)~~

~~4. Complete 12 additional hours with GRY, GEO or PLN prefix~~

~~b. Environmental and Natural Resources (24-25 hours)~~

~~1. GRY 135(4), 348(3), 351(3), 535(3); GEO 561(3)~~

~~2. Complete one of the following: GRY 300(3), 305(3), 320(3), 321(3); 322(3), 323(3)~~

~~3. Complete one of the following field-studies courses: GRY 301(3);~~

~~353(2), 470(2), GLG 360(2)~~

~~4. Complete 3 additional hours with GRY, GEO, or PLN prefix~~

~~5. Recommended supplementary courses: CHM 116(4) and 117(1), or CHM 160(4); AGN 215(3); BIO 122(4); GRY 597(1-5). Students should select a minor in science, mathematics, agriculture, or an approved personalized minor.~~

~~c. Geotourism (26 hours)~~

~~1. GRY 108(3), 308(3), 310(3), 328(3), 410(3), 470(2), 510(3); HRA 340(3)~~

~~2. Complete a minimum of 3 hours from the following: GLG 171(3), GRY 301(3), 305(3), 318(3), 320(3), 321(3), 322(3), 323(3), 353(2), 399(1-3); PLN 100(3), 372(3), 573(3), 574(3), 599(1-3)~~

~~3. Recommended supplementary courses: any additional courses in subsection 2 or 3, plus any of the following: AGP 121(2); ART 271(3); HRA 210(3), 428(3), 430(3); JRN 270(3); MKT 150(3); PHH 302(3); PLS 232(3); REC 152(3), 303(3); THE 101(3)~~

C. Minor Required (or second major)

D. General Baccalaureate Degree Requirements - see General Baccalaureate Degree Requirements section of catalog

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Missouri State

Curricular Action Workflow



Missouri State > Computer Services - MIS > Curricular Action Workflow > CAW - Change Program Proposal Form

Change Program Proposal Form

Submitted on 08/17/2017 by Judith Meyer ([Judithmeyer@missouristate.edu](mailto:Judithmeyer@missouristate.edu)).

Department:

Geography, Geology, & Planning

Type of Program

Choose One:

- Major (Non-Comprehensive/Graduate Program)
- Minor
- Academic Rules
- Certificate
- Other
- Comprehensive Major
- Certification
- Option

Title of Program Affected:

Geography-BS-Minor Required

Current Catalog Description: (Either cut and paste present description from online catalog OR provide as an attachment below)

Geography (Non-Comprehensive)  
 Bachelor of Science  
 General Education Program and Requirements  
 Major Requirements (35 hours)  
 GRY 100(3), 142(4), 363(4), 367(3)  
 Complete one of the following: GRY 300(3), 305(3), 316(3), 318(3), 320(3), 321(3), 322(3), 323(3)  
 Related Requirement (3 hours): AGR 330(3) or MTH 340(3) or PSY 200(3) or QBA 237(3) or REC 328(3) or SOC 302(3)  
 Public Affairs Capstone Experience will be fulfilled by completion of GRY 301(3). Field courses offered by other departments may be substituted for the GRY field experience with permission of department head and, for some students, a 3-hour Study Away experience may be substituted.  
 Complete 12 additional hours with GRY, GEO, or PLN prefix.  
 Minor Required (or second major)  
 General Baccalaureate Degree Requirements

Not Attached

Complete New Catalog Description: (Either provide the revised description in the text area below [strikethrough all deletions and insert/bold new information - any content that is copied and pasted will lose existing formatting; please review prior to submission] OR provide as an attachment below)



← → | **B** / **I** / **S**

Geography (Non-Comprehensive)  
 Bachelor of Science  
 General Education Program and Requirements  
 Major Requirements (35 hours)  
 GRY 100(3), 142(4), 363(4), and **PLN 367(3)**  
 Complete one of the following: GRY 300(3), 305(3), 316(3), 318(3), 320(3), 321(3), 322(3), 323(3)  
 Related Requirement (3 hours): AGR 330(3) or MTH 340(3) or PSY 200(3) or QBA 237(3) or REC 328(3) or SOC 302(3)  
 Public Affairs Capstone Experience will be fulfilled by completion of GRY 301(3), **353 (3)**, or **470 (3)**. Field courses offered by other departments may be substituted for the GRY field experience with permission of department head and, for some students, a 3-hour Study Away experience may be substituted.  
 Complete 12 additional hours with GRY, GEO, or PLN prefix.  
 Minor Required (or second major)  
 General Baccalaureate Degree Requirements

Not Attached

Total Hours: 35

**What is changing? Check all boxes that apply:**

- Title change
- Course changes of under 18 hours
- Course changes of 18 hours or more
- From option to program (major)
- From program (major) to option
- Other

**Reason for Proposed Change:**

GRY 367: Research Methods in Geography is no longer being taught. PLN 367: Research Methods in Planning is now being taught both spring and fall semesters and incorporates research methods and analysis in geography, planning, and geospatial science. Our two other field experience courses, GRY 353 and GRY 470, were inadvertently left out of the new degree program requirements when we submitted the new, stream-lined Geography BS degree program last year. Hence, they have been added here and reflect the new three-hour credits assigned to each. Previously, GRY 353 and GRY 470 were two-credit courses.

**What is the date that this new program was approved by departmental or program faculty? (MM/DD/YYYY)**

08/26/2016

**Current Status:**

College Council Review

**Proposal Progress:**

08/24/2017 - Submitted by Department Head (Toby Dogwiler)

**Review Comments:**

No comments have been added to this proposal.





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Missouri State.

Curricular Action Workflow



Missouri State > Computer Services - MIS > Curricular Action Workflow > CAW - New Interdisciplinary Program Proposal Form

# New Interdisciplinary Program Proposal Form

Submitted on 08/24/2017 by Matthew Siebert ([MSiebert@MissouriState.edu](mailto:MSiebert@MissouriState.edu)).

This special form is to be used for internal Missouri State approval of a new Interdisciplinary program involving two or more academic departments/schools including graduate programs, undergraduate majors (comprehensive or non-comprehensive), minors, graduate certificates, undergraduate certificates.

New graduate programs, new undergraduate majors, and certificate programs involving more than 18 credit hours require approval by the CBHE as well as approval through the Missouri State curricular process. CBHE applications for such programs are processed through the Office of Institutional Research. All proposals for new programs requiring CBHE approval should progress through the Missouri State curricular process accompanied by a draft of the required CBHE documentation.

Only select departments with at least 9 hours or at least 30% of total program hours.

**Sponsoring Department (1): (responsible for administration and budget)**

Chemistry

**Sponsoring Department (2):**

Geography, Geology, & Planning

**Sponsoring Department (3): (if applicable)**

Physics, Astronomy, & Mat Sci

**Sponsoring Department (4): (if applicable)**

**Proposed Program Title:**

Foundations of Interdisciplinary Science

**Choose One:**

- Major (Non-Comprehensive/Graduate Program)
- Minor
- Graduate Certificate
- Comprehensive Major
- Undergraduate Certificate
- Master's Degree

**Choose All That Apply:**

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- Bachelor of Arts
- Bachelor of Applied Science
- Bachelor of Fine Arts
- Bachelor of Social Work
- Bachelor of Music Education
- Bachelor of Music
- Bachelor of Science
- Bachelor of Science in Athl Training
- Bach of Science in Education
- Bachelor of Science in Nursing

**General Education Courses Required:**

BIO 121(4), GLG 110(4), GRY 135(4), and PHY 123(4) or PHY 203(5)

Total Hours: 16-17

**General Education Courses Recommended:**

None

Total Hours: N/A

**Requirements (including Admission) and Limitations for Specific Degree/Program:**

**Minor Requirements**

Residency requirement. Complete at least 6 hours of upper or lower division credit in the minor in courses administered by the Springfield Campus.

**Required Courses**

Only course codes outside of the department of your major will count towards the minor.

- A. Foundational biology competencies: BIO 121\*(4) and 122(4).
- B. Foundational chemistry competencies: CHM 160(4), 161(1), 170(3), and 171(1).
- C. Foundational geography and geology competencies: GLG 110\*(4) and GRY 135\*(4).
- D. Foundational physics and astronomy competencies: PHY 123\*(4) or PHY 203\*(5) and PHY 124 (4) or PHY 204 (5).
- a. Those seeking earth science certification must additionally complete AST 115(4)
- E. Intellectual Foundations of Science and Technology: SCI 505(3)

\*In the Natural World area of General education, BIO 121 will satisfy Life Sciences requirement while GLG 110, GRY 135, PHY 123, or PHY 203 will satisfy the Physical Sciences requirement. Some additional courses on the list may already be part of major degree requirements.

Total Hours: 36-38

**Prerequisites for Required Courses:**

BIO 121 General Biology I

Prerequisite: eligibility for both ENG 110 and MTH 135.

**Recommended Electives:**

None

Total Hours: N/A

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**Limitations on Electives:**

N/A

Please attach the following documents: (Only one file may be attached for each requirement; accepts file types of PDF, DOC or DOCX)

1. Statement of Rationale: *Attached*
2. Estimated costs for first five years: *Attached*
3. Complete catalog description (including new courses and course changes pending approval): *Attached*
4. CBHE Application (if applicable): *Not Attached*

\*Note: For new programs requiring CBHE approval, CBHE forms NP, PS, and PG will satisfy #1 and CBHE form FP will satisfy #2.

**What is the date that this new program was approved by departmental or program faculty? (MM/DD/YYYY)**

08/01/2017

**Current Status:**

College Council Review

**Proposal Progress:**

- 08/24/2017 - Submitted by Department Head (Toby Dogwiler)
- 08/25/2017 - Submitted by Department Head (David Cornelison)
- 08/25/2017 - Submitted by Department Head (Bryan Breyfogle)

**Review Comments:**

No comments have been added to this proposal.



**MAKE YOUR MENT.**

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## Rationale

In the state of Missouri, there is a desperate need for high-school science teachers with in-depth content knowledge in their field of interest, but also foundational knowledge in the other biological and physical sciences. This minor works in conjunction with program changes put forth by the departments of Chemistry, GGP, and PAMS to offer students a clear path towards a degree that meets the requirements above. This minor does not include courses in teacher education that are required by the state of Missouri for certification as a teacher. Certification requirements can be met through post-baccalaureate programs or masters programs.

As an interdisciplinary minor that serves students from each of the departments mentioned above, there are a large number of courses explicitly listed within the program of study. However, it is important to note that the actual number of courses this program adds to a student's program of study is much smaller than it first appears. For example, as chemistry major, CHM 160(4), 161(1), 170(3), and 171(1) do not count towards the minor (they are excluded by the statement: "Only course codes outside of the department of your major will count towards the minor" – in fact they are required by the major). Additionally, PHY 123(4) or PHY 203(5) and PHY 124(4) or PHY 204(5) are required by the major. This means that BIO 121(4), BIO 122(4), GLG 110(4), GRY 135(4), and SCI 505(3) comprise the *additional* courses (5 courses, 19 hours) a chemistry major must take to obtain this minor. It is also important to note that BIO 121(4) can also fulfill the student's Life Sciences General Education requirement, while GLG 110(4), GRY 135(4), PHY 123(4), or PHY 203(5) will fulfill the Physical Science requirement.

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Estimated costs for first five years

This minor provides a clear course of study for students interested in developing foundational knowledge in biological and physical sciences appropriate for pursuing post-baccalaureate certification to teach in the state of Missouri. The students that are served by this minor are already required to complete these courses in pursuit of certification to teach within the state of Missouri. For this reason, there will be no new costs incurred by implementation of this minor.

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Foundations of Interdisciplinary Science Minor:

This minor is designed for students preparing to enter post-graduate studies to become a high school science teacher. This minor does not include courses in teacher education that are required by the state of Missouri for certification as a teacher. Certification requirements can be met through post-baccalaureate programs or masters programs.

Minor Requirements

Residency requirement. Complete at least 6 hours of upper or lower division credit in the minor in courses administered by the Springfield Campus.

Required Courses

Only course codes outside of the department of your major will count towards the minor.

- A. Foundational biology competencies: BIO 121\*(4) and 122(4).
- B. Foundational chemistry competencies: CHM 160(4), 161(1), 170(3), and 171(1).
- C. Foundational geography and geology competencies: GLG 110\*(4) and GRY 135\*(4).
- D. Foundational physics and astronomy competencies: PHY 123\*(4) or PHY 203\*(5) and PHY 124 (4) or PHY 204 (5).
  - a. Those seeking earth science certification must additionally complete AST 115(4)
- E. Intellectual Foundations of Science and Technology: SCI 505(3)

\*In the Natural World area of General education, BIO 121 will satisfy Life Sciences requirement while GLG 110, GRY 135, PHY 123, or PHY 203 will satisfy the Physical Sciences requirement. Some additional courses on the list may already be part of major degree requirements.