

Curricular Action Workflow



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

Submitte	ted on 08/24/2017 by Debra Finn (<u>DFinn@MissouriState.edu)</u> .	•
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'All fields r	require input	
This propo	osal applies to:	
⊛ Ar	An existing COURSE	
⊜ Аг	An existing REGULAR (e.g. permanent) SECTION of a variable content course.	
Existing Co	course:	
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Vill this prope	oosal need to be reviewed by CGEIP?	
All this mesos	and and to be arrived by EDDCO	
riii tilis propo	posal need to be reviewed by EPPC? 💮 8 No 🕒 Yes	•
urrent online	ne catalog description:	
BIO 509 Sti	tream Ecology	
newir Abelier Sineir Abelie		
Prerequisite	ite: BIO 369. Recommended Prerequisite: CHM 171 or higher. The interdisciplinary :	study of running waters,
including st	study of the physical and chemical environment, trophic interactions, nutrient cyc	ling, and the multiple
impacts of I	f humans on modifying these systems. Lectures, group discussion of readings, and	
	One all-day Saturday field trip required. May be taught concurrently with BIO 609	9. Cannot receive credit
	IO 609 and BIO 509. Public Affairs Capstone Experience course, 4(2-4) S	
		the section of the se
for both BIC	urrent online catalog description as needad: (Strikethrough all deletions and insert/bold new information	on. Any content that is copied and pasted will lose existing formatting; please review pr
for both BIC	urrent online catalog description as needad: (Strikethrough all deletions and insert/bold new information	on. Any content that is copied and pasted will lose existing formatting; please review pri

What is changing? Check all boxes that apply.

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m	Course Code	í"ì	Course Number (Check Availability)	fil .	Title	F]	Prerequisite	ا ا ـــ
(Y)	Credit Hours/Contact Hours		Periodicity	E	Description			C
Reason	for proposed change	nii ann an earl a	t de la company de grand de la company d					
propo	sing to officially list the course a	s 3 lecture	er week) remain the same, and credit ho hours + 3 laboratory hours per week, in nd that 3 lab hours is sufficient, but >2 le	stead of the	e original 2			
Does	this change affect course assessment	: (e.g. stude	nt learning evidence/outcomes)? * No : > \	es .				
How did	you determine the need for this char	ige? Check	all boxes that apply or specify other.					
Ñ.	Routine or annual review/assessmen	t of curricu	lum	, sail	Faculty Input	58	Student Input	
. 1	Accreditation/certification complian	сө		[]	Review of catalog	g information		
	Other (be specific):	es versear de de disco						
62.	Check if this is a non-substantive ch	ange.						
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8/25/20	917 - Submitted by Department	: Head (S	Mathis)					
eview C	Comments:							
lo comm	nents have been added to this	proposal.						
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lhange C	ourse Proposal Form
Submitted on (8/24/2017 by Debra Finn (<u>DFinn@MissouriState.edu)</u> .
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his proposal appl	is to:
# An existing	OURSE
An existing	EGULAR (e.g. permanent) SECTION of a variable content course.
xisting Course:	
BIO609 Stream Eco	
fill this proposal need	be reviewed by CGEIP? 8 No 6 Yes
ill this proposal need	be reviewed by EPPC? See No. Co. Yes
urrent online catalog o	scription:
BIO 609 Stream Ec	
	MERCHINAN MURCHAN AND AND AND A CARL CLASSICAL AND AND AND AND AND AND AND ALL OF THE AND ALL OF THE AND AND A AND MERCHAN AND AND AND AND AND AND AND AND AND A
armanaman katabat	quisite: ecology course and one year of college chemistry. The interdisciplinary study of running
	dy of the physical and chemical environment, trophic interactions, nutrient cycling, and the
Anna and the second second second second second	umans on modifying these systems. Lectures, group discussion of readings, and laboratory and ill-day Saturday field trip required. May be taught concurrently with BIO 509, Cannot receive
ALLE REPORTS AND PROBLEMS	99 and BIO 609, 4(2-4) SO
evise the current onlin	catalog description as needed: (Strikethrough all deletions and insert/bold new information. Any content that is copied and pasted will lose existing formatting; please revie
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4 A B	7 S
BIO 609 Stream Eco	DQY
chemical environme readings, and labora	quisite: ecology course and one year of college chemistry. The interdisciplinary study of running waters, including study of the physical at, trophic interactions, nutrient cycling, and the multiple impacts of humans on modifying these systems. Lectures, group discussion of ory and field exercises. One all-day Saturday field trip required. May be taught concurrently with BIO 509. Cannot receive credit for both. 4(2-4) SO 4(3-3) S

What is changing? Check all boxes that apply.

77	Course Code	l;	Course Number (Check Availability)	f"]	Title	i".	Prerequisite
2 1	Credit Hours/Contact Hours	С	Periodicity	Ü	Description		((
The s same, hours suffic additi	and credit hours also are the same per week, instead of the original 2 ent, but >2 lecture hours is require	e. I am pr lecture I d to cove propose	at submitted for BIO 509. Contact hours (o oposing to officially list the course as 3 lec nours + 4 lab hours. Last semester, I found or the material in sufficient depth, Note the al for BIO 509): BIO 609, as BIO 509 alread ng/Odd.	ture hour that 3 lat it I have a	s + 3 (aboratory 5 hours is added one		
Does	this change affect course assessment (e	e.g. studer	nt learning evidence/outcomes)? 🤏 No 🐬 Yes				
How did	you determine the need for this change	e? Check a	all boxes that apply or specify other.				
575	Routine or annual review/assessment of	of curricul	um	(")	Faculty Input	<u> 1.3</u>	Student Input
	Accreditation/certification compliance	ı		O	Review of catalog in	nformation	
:l	Other (be specific):						::- <u>}::</u>
V	Check if this is a non-substantive char	nge.					
What is	the date that this course change was ap	proved by	y departmental or program faculty? (MM/DD/YY)	W) į		08/24/2	oiz
urrent	Status:						
ean Re	view						
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8/25/20	017 - Submitted by Department H	Head (S	Mathis)			•	
eview	Comments:						
lo comr	nents have been added to this pr	roposal.					

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Submitte	d on 08/22/2017 by	La Toya	Kissoon-Charles (<u>LKissoon</u>	@Missour	<u>iState.edu)</u> .		
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All fields :	equire input						
This propo	sal applies to:						
∜ Ar	existing COURSE						
⊕ Ar	existing REGULAR (e.g. pern	nanent) SECT)	ON of a variable content course.				
Existing Co	urse:				٠		
BIO533 We	land Ecology			Pales de la traction do 1. Septembre 2018 de la 1. Septembre 2018 de la companya de 18 de la companya de			
/ill this propo	sal need to be reviewed by Co	GEIP? ® N	√lo ○ Yes				
/ill this propo	sal need to be reviewed by Ef	PC? · · · N	o 🤆 Yes				
urrent online	catalog description:						
	catalog description: tland Ecology			и совостью размена; «Из короментор во Это Байлай (1.1.4.15)	anders de	9 71 8	
BIO 533 We	tland Ecology						
BIO 533 We Prerequisita	tland Ecology : BIO 369. Recommended	News and responding to	:: CHM 171 or higher. The compositio	56, 2000 000 000 NO	papers of equifications for each		
BIO 533 We Prerequisite importance	tland Ecology : BIO 369. Recommended of wetland acosystams. C	omparisons	of different wetland types, hydrolog	y, nutrient cyc	les, plants and		
BIO 533 We Prerequisite Importance animals and	tland Ecology : BIO 369. Recommended of wetland acosystams. C	omparisons nservation s	of different wetland types, hydrolog trategies. May be taught concurrent	y, nutrient cyc	les, plants and		
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BIO 533 We Prerequisite Importance animals and receive cree evise the cur	tland Ecology : BIO 369. Recommended of wetland ecosystems; C their adaptations, and co lit for both BIO 633 and B	omparisons nservation s IO 533, 3(2-2	of different wetland types, hydrolog trategies. May be taught concurrent	y, nutrient cyc	lles, plants and 13. Cannot	d pasted will lose ex	kisting formatting; please review pric
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Reason	for proposed change				•		
Propo	osed change from 3 credit hours to 4 credit hours.				14.7 14.1 14.1		2
110 00000	osed change from 2 lecture contact hours to 3 lecture contact hours.						
5.5 57.75	osed change from 2 lab contact hours to 3 lab contact hours.						
	ourse currently meets Wednesdays and Fridays. The opportunity to m						
20,000,000,000	with student retention of the course material, provide more time for stu		up work	and class			
11 (200)	ties, and will also help the instructor present the course material more.	And the first of the second of			-41 		
	asing the lab hours will allow for more time for local class field trips and did not appear to be sufficient for these activities.	i managing lab researc	n project:	i IWO			
Houis	ard not appear to be sunticient for these activities.				64 64	•	
Does	this change affect course assessment (e.g. student learning evidence/outcomes)	? ⊛ No ○ Yes					
How did	d you determine the need for this change? Check all boxes that apply or specify o	ther.					
L	Routine or annual review/assessment of curriculum	24	Facult	y Input	2	Student Input	
L	Accreditation/certification compliance	i.j	Revie	w of catalog	information		
C	Other (be specific):		- 1 - 11 1 - 11 - 11 - 11 - 11 - 11 -	da omesike mulmosakki ki www.u.i.			
	Check if this is a non-substantive change.					•	
What is	the date that this course change was approved by departmental or program facul	ity? (MM/DD/YYYY)			08/21/	2017	
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urrent	Status:		<u>.</u>				
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8/22/20	017 - Submitted by Department Head (S Mathis)						
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Change Co	urse Prope	osal Form				
Submitted on 00	/22/2017 by Ea To	wa Kiesesa Charles	/i VissaOM:			
Submitted on Co,	/22/2017 By La 10	ya Kissoon-Charles	(LKISSOON@MI	isouriState.eau		
*All fields require in						
This proposal applies						
An existing CC	URSE					
○ An existing RE	GULAR (e.g. permanent) S	ECTION of a variable content c	ni irse			
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Existing Course:	Maria Salahari dari dari dari dari dari dari dari d		. No. 1900 Marie a 1900 Annie a Linguista a 1900 Annie a 1900 An	a vere anarovije v je neve i jedene v	. d	
BIO633 Wetland Ecolo	gy					
Will this proposal need to b	e reviewed by CGEIP?	® No ○ Yes	•			
Will this proposal need to b	e reviewed by EPPC?	⊕ No 🧠 Yes		-		
Current online catalog des	cription:					
BIO 633 Wetland Ecolo	gy					
Recommended Prered	uisite: ecology course:	and one year of college che	mistry. The compos	ition structure fund	10 h:: 1 h: 10 h:: 1 h::	
– a vii sa sani sa ka kabib 6 6	na malif da amatalik disebilih di	parisons of different wetlan	participals with situation and injurie	atiyayinga infalikaran arawin a	424 - 3030 - 3	
26 11 17 17 16 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17		ion strategies. May be taug	40-1155 IN 416-81115 IN 157-816	400 M 40 M 60 M 60 M 60 M	1801 684 b	
credit for both BIO 533	and BIO 633. 3(2-2) D					
Revise the current online o	atalog description as need	ed: (Strikethrough all deletions and i	insert/bold new information	. Any content that is copied	and pasted will lose existing forms	atting; please review prior
to submission.)	W					
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BIO 633 Wetland Ecolo	gy		dental Chemical D. Labellada con Mr. Halling H Hom	A CONTRACTOR OF THE CONTRACTOR	1944 - Alexandria (1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 -	
Recommended Prerequ	isite: ecology course; a	nd one year of college chem logy, nutrient cycles, plants	istry. The compositio	n, structure, function,	and importance of wetlan	d ecosystems.
concurrently with BIO	533. Cannot receive cre	dit for both BIO 533 and BIO) 633. 3(2-2) D 4(3 -	3)D	isei valion strategies. May	oe taugnt
and the state of t	HERET II MANITA I METALIA IAI IAI IAI IAI IAI IAANAA AA'AA AA AA AA AA AA					
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What is changing? Check a	ll boxes that apply.		,			
Course Code	o ·	Course Number (Check	Availability)	□ Title	C Prere	equisîte

쿗	Credit Hours/Contact Hours	Periodicity	ps 1	Description		
Reas	on for proposed change	. •				
Pro Pro The help clas	posed change from 3 credit hours in posed change from 2 lecture contains posed change from 2 lab contact he course currently meets Wednesday with student retention of the course activities, and will also help the in	ct hours to 3 lecture contact hours, ours to 3 lab contact hours, ivs and Fridays. The opportunity to me se material, provide more time for stu instructor present the course material more time for local class field trips and	dents to engage in grou more efficiently,	p work and		
Do	es this change affact course assessment	: (e.g. student learning evidence/outcomes)'	? ⊛ No ○ Yes			
How	did you determine the need for this char	ige? Check all boxes that apply or specify o	ther.			
Ti.	Routine or annual review/assessmen	nt of curriculum	紹	Faculty Input	84	Student Input
C)	Accreditation/certification complian	ce		Review of catalog	information	
	Other (be specific):					
=	Check if this is a non-substantive ch	eange.				
What	is the date that this course change was	approved by departmental or program facul	ty? (MM/DD/YYYY)		08/21/2	017
Currei	nt Status:					
Dean F	Review					
Propos	sal Progress:					
08/22/	2017 - Submitted by Department	: Head (S Mathis)				
Reviev	v Comments;					•
No con	nments have been added to this	proposal.				

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Change Course Proposal Form Submitted on 08/24/2017 by Kevin Mickus (Kevinmickus@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:** GLG360 Directed Field Trips Will this proposal need to be reviewed by CGEIP? Will this proposal need to be reviewed by EPPC? 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: (Strikethrough 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. Course Code Course Number (Check Availability) Prerequisite

	Credit Hours/Contact Hours	Periodicity	£T	Description		(3)
Reasor	n for proposed change		•			
we a	dded GLG 314 Historical Geology	/ as an requirement so that the students h	ave a better underste	anding of basic		
geolo	ogical principles and will better u	nderstand the geological features they se	e on the trip			
Does	s this change affect course assessme	nt (e.g. student learning evidence/outcomes)?	® No. ⊕ Yes			
How di	d you determine the need for this cha	ange? Check all boxes that apply or specify other	r.			
: 1	Routine or annual review/assessme	ent of curriculum	Si	Faculty Input	F**!	Student Input
	Accreditation/certification complia	nce	}	Review of catalog	information	
L.:	Other (be specific):			zu saukust į		:::: !!! :::::::
IJ	Check if this is a non-substantive of	change.				
What is	the date that this course change wa	s approved by departmental or program faculty?	(MM/DD/YYYY)		05/05/2	2017
Current	t Status:					
College	Council Review					
Propos	al Progress;					
08/25/2	2017 - Submitted by Departmen	nt Head (Toby Dogwiler)			•	
Review	Comments:		•			
Vo com	ments have been added to this	s proposal.				

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Change Course Proposal Form	
Submitted on 08/17/2017 by Judith Meyer (<u>Judithmeyer@missouristate.edu)</u> ,	
Submitted on 06, 17,2017 by Suditi Meyer (Suditimeyer (emissouristate.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 C. Yes	
Will this proposal need to be reviewed by EPPC? So No So 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 rev to submission.)	ew prior
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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 requirement 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 6 graded Pass/Not Pass only, ¬ and there is a 5 supplemental course fee. Variable contectures; 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. 3 (0-4 6) D	nŧ
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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 (<u>Judithmeyer@missouristate.edu)</u>. *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? Will this proposal need to be reviewed by EPPC? 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.

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 price to submission.)

* * B / S

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 physicial 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 raded 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)

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Curricular Action Workflow



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

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Submitted on 08/17/2017 by Judith Meyer (<u>Judithme</u>	yer@missouri:	state.edu).	·	
'All fields require input This proposal applies to:				
An existing COURSE				
S. 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 Pla	anning			
/ill this proposal need to be reviewed by CGEIP? ※ No○ Yes		A STATE OF		-
ill this proposal need to be reviewed by EPPC? *** No *** Yes				
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Prerequisite: 90 hours. Readings and discussion of current trends in geography, g assessment evaluation is included in this course. Public Affairs Capstone Experier				uture employment. A senior
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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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Curricular Action Workflow



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

Change Program Proposal Form

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

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08/26/2016			en erne ne er elle noden en den le den e Elle er elle elle elle elle elle elle el		
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08/24/2017	- Submitted	by Department Hea	d (Toby Dogwiler)		
Review Con	nments:		•		
No commen	ts have been	added to this prop	osal.		

MVKE AUIID

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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)

4. Complete one of the following options:

- 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.

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

Curricular Action Workflow





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

Change Program Proposal Form

a I to I solumboom I	50 41 Hat -	nssouristate.ec		
Submitted on 08/17/2017 by Judith	ı Meyer (<u>Judithmeyer@n</u>		<u>iu)</u> .	
Department:				
Geography, Geology, & Planning				
Type of Program				
Choose One:				
* Major (Non-Comprehensive/Graduate	○ Minor		Academic Rules	
Program)	ं Certificate		∴ Other	
Comprehensive Major		•		
	· Certification			
· Option				
litin of December Affinetods				
Title of Program Affected:	40			
Title of Program Affected: Geography-BS-Minor Required				
		o dabacana natiôna Anal da da Salada		
Geography-BS-Minor Required	sete present description from online	catalog OP provide as	an attachment below)	
Geography-BS-Minor Required Current Catalog Description: (Either cut and pa	ste present description from online	catalog OR provide as	an attachment below)	
Geography-BS-Minor Required Current Catalog Description: (Either cut and pa	iste present description from online	catalog OR provide as	an attachment below)	
Geography-BS-Minor Required Current Catalog Description: (Either cut and pa Geography (Non-Comprehensive) Bachelor of Science	iste present description from online	catalog OR provide as	an attachment below)	
Geography-BS-Minor Required Current Catalog Description: (Either cut and pa	aste present description from online	catalog OR provide as	an attachment below)	
Geography-BS-Minor Required Current Catalog Description: (Either cut and pa Geography (Non-Comprehensive) Bachelor of Science General Education Program and Requirements	iste present description from online	catalog OR provide as	an attachment below)	
Geography-BS-Minor Required Current Catalog Description: (Either cut and pa Geography (Non-Comprehensive) Bachelor of Science General Education Program and Requirements Major Requirements (35 hours)			an attachment below)	
Geography-BS-Minor Required Current Catalog Description: (Either cut and pa Geography (Non-Comprehensive) Bachelor of Science General Education Program and Requirements Major Requirements (35 hours) GRY 100(3), 142(4), 363(4), 367(3)	(3), 316(3), 318(3), 320(3), 321(3),	322(3), 323(3)		
Geography-BS-Minor Required Current Catalog Description: (Either cut and page of the	(3), 316(3), 318(3), 320(3), 321(3), 1TH 340(3) or PSY 200(3) or QB, ad by completion of GRY 301(3). I	322(3), 323(3) A 237(3) or REC 328(Field courses offered	3) or SOC 302(3) by other	
Geography-BS-Minor Required Current Catalog Description: (Either cut and page of the control of the cut and page of the cut a	(3), 316(3), 318(3), 320(3), 321(3), 4TH 340(3) or PSY 200(3) or OB/ ed by completion of GRY 301(3), I Id experience with permission of	322(3), 323(3) A 237(3) or REC 328(Field courses offered	3) or SOC 302(3) by other	
Geography-BS-Minor Required Current Catalog Description: (Either cut and page of the following of the following: 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), 3050 Related Requirement (3 hours): AGR 330(3) or Magnetic M	(3), 316(3), 318(3), 320(3), 321(3), 1TH 340(3) or PSY 200(3) or QB/ ad by completion of GRY 301(3). Id experience with permission of be substituted.	322(3), 323(3) A 237(3) or REC 328(Field courses offered	3) or SOC 302(3) by other	
Geography-BS-Minor Required Current Catalog Description: (Either cut and page of the control of the cut and page of the cut a	(3), 316(3), 318(3), 320(3), 321(3), 1TH 340(3) or PSY 200(3) or QB/ ad by completion of GRY 301(3). Id experience with permission of be substituted.	322(3), 323(3) A 237(3) or REC 328(Field courses offered	3) or SOC 302(3) by other	

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)

CAW - Change Program Proposal Form - Curricular Action Workflow... https://mis.missouristate.edu/Student/ccr/changeProgramProposal/6418

•		
* * B / S	·	18
ieography (Non-Comprehensive) achelor of Science		
lelated Requirement (3 hours): AGR 330(3) or l'ublic Affairs Capstone Experience will be fulfille	5(3), 316(3), 318(3), 320(3), 321(3), 322(3), 323(3) MTH 340(3) or PSY 200(3) or QBA 237(3) or REC 328(d by completion of GRY 301(3), 353 (3), or 470 (3) .	Field courses offered by other departments may be substitute
or to GKY nein experience with permission of the CKY of the CKY of the CKY, GEO, or find required (or second major) seneral Baccalaureate Degree Requirements	department head and, for some students, a 3-hour Stu PLN prefix.	gy Away experience may be substituted.
ot Attached		
	•	Total Hours: 35
hat is changing? Check all boxes that ap	ply:	·
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		
eason for Proposed Change:		
now being taught both spring and fall semeste planning, and geospatial science. Our two othe nadvertently left out of the new degree progra	to longer being taught. PLN 367: Research Methods are and incorporates research methods and analysis in our field experience courses, GRY 353 and GRY 470, we are requirements when we submitted the new, streams, they have been added here and reflect the new throad GRY 470 were two-credit courses.	geography, Bre - lined
hat is the date that this new program wa	s approved by departmental or program facult	y? (MM/DD/YYYY)
8/26/2016		
urrent Status:		
ollege Council Review		
roposal Progress:		
3/24/2017 - Submitted by Department Head	d (Toby Dogwiler)	
eview Comments:		
o comments have been added to this propo	sal.	

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).

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):

Sponsoring Department (3): (if applicable)

Physics, Astronomy, & Mat Sci

Geography, Geology, & Planning

Sponsoring Department (4): (if applicable)

Proposed Program Title:

Foundations of Interdisciplinary Science

Choose One:

- Undergraduate Certificate

 Master's Degree

 Comprehensive Major

Choose All That Apply:

		missouristate.edu/Student/ccr/createIDProgramProj
Bachelor of Arts	Bachelor of Music Education	Bach of Science in Athl Traing
Bachelor of Applied Science	Bachelor of Music	Bach of Science in Education
Bachelor of Fine Arts	8 Bachelor of Science	Bachelor of Science in Nursing
☐ Bachelor of Social Work		
General Education Courses Required:		
BIO 121(4), GLG 110(4), GRY 135(4), and PH1	(123(4) or PHY 203(5)	
		Total Hours: 18-17
General Education Courses Recommend	ded:	
None		
	element with mineral activities and activities and activities and military activities and a mineral activities	Total Hours: NVA
Requirements (including Admission) an	d Limitations for Specific Degree/Program:	
A. Foundational biology competencies: Bli B. Foundational chemistry competencies: C. Foundational geography and geology of D. Foundational physics and astronomy of (5). a. Those seeking earth science certification E. Intellectual Foundations of Science and	CHM 160(4), 161(1), 170(3), and 171(1). ompetencies: GLG 110*(4) and GRY 135*(4). ompetencies: PHY 123*(4) or PHY 203*(5) and PHY 12 on must additionally complete AST 115(4)	le GLG 110, GRY 135,
Prerequisites for Required Courses:		
BIO 121 General Biology I	MTH 135.	
Prerequisite: eligibility for both ENG 110 and		
Prerequisite: eligibility for both ENG 110 and Recommended Electives:		

		- 6			
1	imits	itione	on Fl	ect	VAR!

NA.



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)

06/01/2017

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.



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.



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.