

# New Course Proposal Form

**Submitted on 05/09/2023 by Kevin Mickus ([Kevinmickus@missouristate.edu](mailto:Kevinmickus@missouristate.edu)).**

**\*All fields require input**

- New COURSE
- New REGULAR PERMANENT SECTION of an existing variable content course. If a new regular section of an existing variable topics course, enter the existing course number below

Course Code:

GLG

Course Number: ([Check Availability](#))

322

Course Title:

Geology of Gem Deposits

Will this course become part of a program?  No  Yes (A corresponding program change form must be submitted)

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

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

Prerequisite/Co-requisite or enter 'None':

GLG 110, 171 or 115

Catalog Course Description: (Include any Pass/Not Pass grading restrictions, repeatable limits, limitation on course applicability, UG/GR parallel course, etc.)

GLG 322, Geology of Gem Deposits. 3(3-0) S.

Prerequisite: GLG 110, 171 or 115. A comprehensive study of the origin and distribution of gem deposits; including plate tectonics, the mineralogy and chemistry of gem minerals, the formation and exploration of gem deposits. Additionally, basic economic geology conceptions will be discussed.

337/30000 character limit.

Credit Hours:

Lecture Contact Hours:

Lab Contact Hours:

**Note:** If variable credit, enter the highest number and add to end of course description. (e.g. "Variable credit, may be taken 1-3 hours.")

Periodicity. Check all that apply.

- Fall
- Fall (even-numbered years only)
- Fall (odd-numbered years only)
- Spring
- Spring (even-numbered years only)
- Spring (odd-numbered years only)
- Summer
- On Demand only

**Complete Catalog Description:**

GLG 322 Geology of Gem Deposits

Prerequisite: GLG 110, 171 or 115

GLG 322, Geology of Gem Deposits. 3(3-0) S.

Prerequisite: GLG 110, 171 or 115. A comprehensive study of the origin and distribution of gem deposits; including plate tectonics, the mineralogy and chemistry of gem minerals, the formation and exploration of gem deposits. Additionally, basic economic geology conceptions will be discussed.

Credit hours: 3 Lecture contact hours: 0 Lab contact hours: 0

Typically offered: Spring (odd-numbered years only)

Include sample syllabus (list topics, course goals.) Use text box OR upload only file types of PDF, DOC or DOCX.

0/30000 character limit.

Attached [View Attachment](#)

**Purpose of Course**

to learn about the basics of economic geology, specifically the origin of gem deposits. Currently the Geology program does not have any courses in economic geology despite a number of our students working in the mining industry. This course will teach them the basics of economic geology and how they can be used to find gem deposits.

334/30000 character limit.

**Relationship to Other Departments**

none

4/30000 character limit.

Is there a graduate/undergraduate parallel course to this one?  No  Yes

Enter parallel course number

nullnull null

How do these classes differ?

Empty text area for describing differences between classes.

0/30000 character limit.

**New Course Resource Information**

Anticipated Average Enrollment per section:

15

Maximum Enrollment Limit per section:

25

Anticipated Average Enrollment per semester:

15

Maximum Enrollment Limit per semester:

25

Anticipated Average Enrollment per year:

15

Maximum Enrollment Limit per year:

25

Faculty Load Assignment (equated hours):

3

Is another course being deleted?  No  Yes

Select course number and title being deleted.

nullnull null

**What will this course require in the way of:**

Additional library Holdings

none, GGP already receives the journal Economic Geology and they have numerous books on Economic Geology and Gem Deposits

*121/30000 character limit.*

**Additional computer resources**

none

*4/30000 character limit.*

**Additional or remodeled facilities**

none

*4/30000 character limit.*

**Additional equipment or supplies**

none

*4/30000 character limit.*

**Additional travel funds**

none

*4/30000 character limit.*

**Additional faculty; general vs specialized**

none

*4/30000 character limit.*

**Additional faculty; regular vs per-course**

none

*4/30000 character limit.*

Other additional expenses

none

*4/30000 character limit.*

If additional faculty are not required, how will faculty be made available to teach this course?

The person proposing the course will alternate teaching the course with the current Physical Oceanography course that is also taught in the Spring.

*147/30000 character limit.*

List names of current faculty qualified and available to teach this course

Kevin Mickus  
Matt McKay  
Gary Michelfelder

*41/30000 character limit.*

What is the anticipated source of students for this course?

Geology comprehensive, noncomprehensive and minors. As in the Physical Oceanography course, a few students who have taken the prerequisites may also take the course.

*166/30000 character limit.*

If from within the department, will students be taking this course in addition to or in place of other courses?

students will take this course in addition to other courses

59/30000 character limit.

If from outside the department, which courses in other departments would most likely be affected?)

none

4/30000 character limit.

Other comments:

none

4/30000 character limit.

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

05/08/2023

**Current Status:**

College Council Review

**Proposal Progress:**

05/26/2023 - Submitted by Department Head (Toby Dogwiler)

**Review Comments:**

No comments have been added to this proposal.

No review notes have been added.

Copy As New Proposal

**MAKE YOUR MENT.**

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Last Updated: 2023-08-15 13:16:02 [Contact Information](#)

## POLICY STATEMENT - SPRING 2024

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### GEOLOGY

DEPARTMENT OF GEOGRAPHY,  
GEOLOGY & PLANNING

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**GLG 318 – Geology of Gem Deposits**  
Temple 335, 3:00-5:30 TR

**Kevin Mickus**  
TEMPLE 355  
[kevinmickus@missouristate.edu](mailto:kevinmickus@missouristate.edu)  
Office Phone - 836-6375

**Office Hours MW-1-2, F-2-5**  
Also by appointment.

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### CATALOG DESCRIPTION:

**GLG 322, Geology of Gem Deposits. 3(3-0) S.**

Prerequisite: GLG 110, 171 or 115. A comprehensive study of the origin and distribution of gem deposits; including plate tectonics, the mineralogy and chemistry of gem minerals, the formation and exploration of gem deposits. Additionally, basic economic geology conceptions will be discussed.

### TEXTBOOK:

Geology and Mineralogy of Gemstones by David Turner and Lee Groat, 1<sup>st</sup> edition. American Geophysical Union.

### COURSE OBJECTIVES:

To develop a comprehensive understanding of what are gems and how they are formed. Emphasis is on plate tectonic and chemical processes that form gem deposits. Additionally, the exploration methods to find gem deposits are discussed.

### COURSE REQUIREMENTS:

**DROPPING THE COURSE:** It is your responsibility to understand the University's procedure for dropping a class. If you stop attending this class but do not follow proper procedure for dropping the class, you will receive a failing grade and will also be financially obligated to pay for the class. For information about dropping a class or withdrawing from the university, contact the Office of the Registrar at 836-5520.

Faculty may also wish to include relevant drop deadlines. See Academic Calendars ([www.missouristate.edu/registrar/acad\\_cal.html](http://www.missouristate.edu/registrar/acad_cal.html)) for deadlines.

**MAKE-UP POLICY:** If you know in advance that you must miss a test for a good reason (i.e. court appearance, trip with an athletic team, etc.) it may be possible for you to take the test in advance (please note: this is not an iron clad guarantee of taking an exam early, you must have a good reason; wanted to leave town a day or two early to extend your thanksgiving vacation is not considered a good reason). In this case, you must see me well in advance (one week) and be prepared to substantiate your reason for

missing the scheduled test. There will be **absolutely no make-up tests** given after the fact. **NOBODY CAN TAKE THE FINAL EARLY.**

**EXTRA CREDIT WORK:** There is no extra credit work allowed in this class, please do not ask.

## **GRADING:**

**EXAMS:** There will be three exams given before the final. The final will only cover material from the third exam to the last day of class (it is not comprehensive). The attached schedule lists the tentative dates for each exam. Dates may change as the semester progresses. In any event, test dates will be announced at least one week in advance. Exam questions will be based upon material from the lectures, web sites, reading material, and any class handouts. Each exam will be worth 20% of your final grade. No make up exams will be given, you may take an exam early if you know you are going to miss a given exam but you must tell me at least one week in advance.

**HOMEWORK:** This will consist of reading assignments. The homework that is graded is due one week from when it is assigned class period. No late homework will be accepted. The homework will be worth 20% of your final grade.

**Final grades** will be given on the +/- system: 92.50%-100.00% -- A, 90.00%-92.50% -- A-, 87.50%-89.99% -- B+, 82.50%-87.50% -- B, 80.00%-82.50% -- B-, 77.50%-79.99% -- C+, 72.50%-77.50% -- C, 70.00%-72.50% -- C-, 67.50%-69.99% -- D+, 60.00%-67.50% -- D, 0.00%-59.99% -- F

**NO GRADES OF INCOMPLETE WILL BE GIVEN THE LAST WEEK OF CLASS OR LATER. DO NOT ASK ME FOR YOUR GRADES, PLEASE KEEP TRACK OF YOUR OWN GRADES.**

## **GENERAL MATERIAL**

### **ATTENDANCE POLICY**

Attendance will not be used in determining grades. On the first day of class, faculty must provide students with a written statement of the specific attendance policy for that class. The instructor has the responsibility to determine specific attendance policies for each course taught, including the role that attendance plays in calculation of final grades and the extent to which work missed due to non-attendance can be made up. For GLG 322, attendance will be taken but will not be counted against your grade. **Instructors are not allowed to let students use their lecture notes.**

### **AUDIO AND VIDEO RECORDING COURSE ACTIVITY**

Students may make audio or video recordings of course activity. However, the redistribution of audio or video recordings from the course to individuals who are not students in the class is prohibited without the express permission of the faculty member and any of the students who are recorded.

### **RELIGIOUS ACCOMMODATION**



The University may provide a reasonable accommodation based on a person's sincerely held religious belief. In making this determination, the University reviews a variety of factors, including whether the accommodation would create an undue hardship. The accommodation request imposes responsibilities and obligations on both the individual requesting the accommodation and the University. Students who expect to miss classes, examinations, or other assignments as a consequence of their sincerely held religious belief shall be provided with a reasonable alternative opportunity to complete such academic responsibilities. It is the obligation of students to provide faculty with reasonable notice of the dates of religious observances on which they will be absent by submitting a *Request for Religious Accommodation Form* to the instructor by the end of the third week of a full semester course or the end of the second week of a half semester course.

## **DISABLED STUDENTS**

To request academic accommodations for a disability, contact the Director of the Disability Resource Center, Plaster Student Union, Suite 405, (417) 836-4192 or (417) 836-6792 (TTY), [www.missouristate.edu/disability](http://www.missouristate.edu/disability). Students are required to provide documentation of disability to the Disability Resource Center prior to receiving accommodations. The Disability Resource Center refers some types of accommodation requests to the Learning Diagnostic Clinic, which also provides diagnostic testing for learning and psychological disabilities. For information about testing, contact the Director of the Learning Diagnostic Clinic, (417) 836-4787, <http://psychology.missouristate.edu/lcd>

## **NONDISCRIMINATION**

Missouri State University is an equal opportunity/affirmative action institution, and maintains a grievance procedure available to any person who believes he or she has been discriminated against. At all times, it is your right to address inquiries or concerns about possible discrimination to the Office for Institutional Equity and Compliance, Park Central Office Building, 117 Park Central Square, Suite 111, (417) 836-4252. Other types of concerns (i.e., concerns of an academic nature) should be discussed directly with your instructor and can also be brought to the attention of your instructor's Department Head. Please visit the OED website at [www.missouristate.edu/equity/](http://www.missouristate.edu/equity/).

## **EMERGENCY RESPONSE PLAN**

At the first class meeting, students should become familiar with a basic emergency response plan through a dialogue with the instructor that includes a review and awareness of exits specific to the classroom and the location of evacuation centers for the building. All instructors are provided this information specific to their classroom and/or lab assignments in an e-mail prior to the beginning of the fall semester from the Office of the Provost and Safety and Transportation. Students with disabilities impacting mobility should discuss the approved accommodations for emergency situations and additional options when applicable with the instructor. For more information go to <http://www.missouristate.edu/safetran/51597.htm> and <http://www.missouristate.edu/safetran/erp.htm>.

## **ACADEMIC DISHONESTY**

Missouri State University is a community of scholars committed to developing educated persons who accept the responsibility to practice personal and academic integrity. You are responsible for knowing and following the university's student honor code, [Student Academic Integrity Policies and Procedures](#) and also available at the Reserves Desk in Meyer Library. Any student participating in any form of academic dishonesty will be subject to sanctions as described in this policy.

## **AFFIRMATIVE ACTION POLICY**

Missouri State University is an equal opportunity/affirmative action institution, and maintains a grievance procedure available to any person who believes he or she has been discriminated against. At all times, it is your right to address inquiries or concerns about possible discrimination to the Office of Equity and Diversity, Siceluff Hall 296, (417) 836-4252. Other types of concerns (i.e., concerns of an academic nature) should be discussed directly with your instructor and can also be brought to the attention of your instructor's Department Head, Dr. Toby Dogwiller [tobydogwiller@missouristate.edu](mailto:tobydogwiller@missouristate.edu).

## **DISABILITY ACCOMMODATION**

If you are a student with a disability and anticipate barriers related to this course, it is important to request accommodations and establish an accommodation plan with the University. Please contact the Disability Resource Center (DRC) (<https://www.missouristate.edu/disability/>), Meyer Library, Suite 111, 417-836-4192, to initiate the process to establish your accommodation plan. The DRC will work with you to establish your accommodation plan, or it may refer you to other appropriate resources based on the nature of your disability. In order to prepare an accommodation plan, the University usually requires that students provide documentation relating to their disability. Please be prepared to provide such documentation if requested. Once a University accommodation plan is established, you may notify the class instructor of approved accommodations. If you wish to utilize your accommodation plan, it is suggested that you do so in a timely manner, preferably within the first two weeks of class. Early notification to the instructor allows for full benefit of the accommodations identified in the plan. Instructors will not receive the accommodation plan until you provide that plan, and are not required to apply accommodations retroactively.

## **POLICY ON SUICIDE PREVENTION RESOURCE POLICY**

[https://www.missouristate.edu/policy/Op1\\_08-suicide-prevention-available-suicide-programs-and-related-procedures.htm](https://www.missouristate.edu/policy/Op1_08-suicide-prevention-available-suicide-programs-and-related-procedures.htm)

## **POLICY ON MENTAL HEALTH AND STRESS MANAGEMENT:**

As a student you may experience a range of personal issues that can impede learning, such as strained relationships, increased anxiety, alcohol/drug problems, feeling down, difficulty concentrating and/or lack of motivation. These mental health concerns or stressful events may lead to diminished academic performance and may reduce your ability to participate in daily activities. You can learn more about free and confidential Missouri State University Counseling Center services available to assist you at <https://counselingcenter.missouristate.edu/>.

## **POLICY ON TITLE IX POLICY:**

Missouri State University has a Title IX policy that guides our response to instances of sexual violence. Sexual Violence includes: Rape, Sexual Assault, Sexual Misconduct, Sexual Discrimination, Domestic Violence, Dating Violence, Stalking, Sexual Harassment and Pregnancy issues. The Title IX policy can be located on the MSU Title IX website at [www.missouristate.edu/titleix/](http://www.missouristate.edu/titleix/). This website is also a good resource for any questions or issues involving Title IX and contains contact information for the MSU Title IX Office and staff. Read an [overview of the Title IX office](#).

If an MSU student discloses a Title IX related issue to a MSU faculty or staff member who is deemed to be a “Responsible Employee” under the policy, that faculty or staff member is required to report such disclosure to the Title IX Coordinator. A responsible employee includes any employee who has the authority to take action to redress sexual violence; who has been given the duty of reporting incidents of sexual violence or any other misconduct by students to the Title IX Coordinator or other appropriate school designee; or whom a student could reasonably believe has the authority or duty to take action. Taylor Health employees and MSU Counseling Center Clinicians are not considered to be Responsible Employees under the policy, and therefore, are not required to report Title IX issues to the Title IX Coordinator.

## **POLICY ON CHOSEN NAME:**

A student may choose a name other than their legal name to identify themselves at Missouri State University. A chosen name is different than the student’s legal name. Refer to the [Chosen Name policy](#) for more information. Students can provide their chosen first and middle names in the *Profile* tab of [My Missouri State](#).

## **POLICY ON USE OF CELL PHONES IN CLASSES**

As a member of the learning community, each student has a responsibility to other students who are members of the community. When cell phones or pagers ring and students respond in class or leave class to respond, it disrupts the class. Therefore, the Office of the Provost prohibits the use by students of cell phones, pagers, PDAs, or similar communication devices during scheduled classes. All such devices must be turned off or put in a silent (vibrate) mode and ordinarily should not be taken out during class. Given the fact that these same communication devices are an integral part of the University’s emergency notification system, an exception to this policy would occur when numerous devices activate simultaneously. When this occurs, students may consult their devices to determine if a university emergency exists. If that is not the case, the devices should be immediately returned to silent mode and put away. Other exceptions to this policy may be granted at the discretion of the instructor.

## **CONTINGENCY**

In case, the university decides because of the COVID-19 virus, that it will mandate all classes go online. The following will be done in GLG 318.

1. All lectures will be presented through Blackboard
2. All Exams will be given through Blackboard. The Exams will be 33 multiple choice questions. You will have 50 minutes to complete the exam. You can answer a question only once, there is no going back to reanswer a question.
3. I will be available via email and skype.

## **STUDENT RESPONSIBILITIES**

**Obtaining Notes/Handouts for Missed Lectures:** If you miss a lecture, it is your responsibility to obtain notes/handouts from some other class member. Professors are not allowed to distribute copies of their notes to students, or to offer personalized make-up tutorials, so please do not ask.

**Seeking Extra Help:** It is your responsibility to seek additional help in understanding the course material before irreparable damage is done. I am happy to answer your questions and provide additional help during my office hours or any other mutually convenient time. However, it is your responsibility to prepare for this additional help by thoroughly reading the assigned material and carefully reviewing class notes before going to my office so that you can ask specific questions on the material which has not been understood. If I ask “What don’t you understand?” and you answer “Everything”, then you have not prepared adequately to take advantage of the additional help.

**Class Disruptions:** It is easy for an individual to disrupt and disturb a large number of people.  
Instructors at MSU have authority to suspend or drop any student who disrupts a class. Examples of disruptions include: 1) excessive talking or joking during class; 2) consistently arriving late for class; 3) leaving class early (without notifying the instructor); 4) texting or using a cell phone and 5) rustling of papers, books etc.

**PROBLEMS:** If you foresee or experience any problems during the course, please come and see me **as early as possible**. I am easy to reach by phone or by e-mail. If you cannot get a hold of me, please contact our secretary at 836-5800. She will be able to find me.

## TENTATIVE LECTURE AND EXAM SCHEDULE GLG 318

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| LECTURE TITLE   | Approximate number of lectures |
|-----------------|--------------------------------|
| History of Gems | 1                              |
| Plate Tectonics | 3                              |
| <b>EXAM I</b>   |                                |

|                              |   |
|------------------------------|---|
| Concepts of Economic Geology | 2 |
| Major Types of Ore Deposits  | 1 |
| Types of Gems                | 1 |
| <b>EXAM II</b>               |   |
| Diamonds                     | 1 |
| Rubies and Sapphires         | 1 |
| Emeralds                     | 1 |
| <b>EXAM III</b>              |   |
| Topaz                        | 1 |
| Other Gems                   | 2 |
| Exploration for Gems         | 1 |
| <b>Exam IV</b>               |   |

**TENTATIVE EXAM DATES:**

**EXAM I Week of Jan 25**

**EXAM II Week of Feb 8**

**EXAM III Week of Feb 22**

**FINAL EXAM March 4 THURSDAY, 3:30-5:30 PM**

# New Course Proposal Form

**Submitted on 08/28/2023 by Tasnuba Jerin ([TasnubaJerin@MissouriState.edu](mailto:TasnubaJerin@MissouriState.edu)).**

**\*All fields require input**

- New COURSE
- New REGULAR PERMANENT SECTION of an existing variable content course. If a new regular section of an existing variable topics course, enter the existing course number below

Course Code:

GRY

Course Number: ([Check Availability](#))

145

Course Title:

Earth's Natural Environment

Will this course become part of a program?  No  Yes (A corresponding program change form must be submitted)

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

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

Prerequisite/Co-requisite or enter 'None':

None

Catalog Course Description: (Include any Pass/Not Pass grading restrictions, repeatable limits, limitation on course applicability, UG/GR parallel course, etc.)

GRY 145 Earth's Natural Environment

A study of the earth's natural systems including weather and climate, rocks and minerals, landforms and processes of landform development, biogeography, water resources and soils. Map fundamentals and the interrelationships of the geographic factors of the natural environment are emphasized. Students who take GRY 240 and GRY 145 may receive credit for only one of these courses. 3(3-0) F, S

431/30000 character limit.

Credit Hours:

Lecture Contact Hours:

Lab Contact Hours:

**Note:** If variable credit, enter the highest number and add to end of course description. (e.g. "Variable credit, may be taken 1-3 hours.")

Periodicity. Check all that apply.

- Fall  Fall (even-numbered years only)  Fall (odd-numbered years only)
- Spring  Spring (even-numbered years only)  Spring (odd-numbered years only)
- Summer  On Demand only

**Complete Catalog Description:**

GRY 145 Earth's Natural Environment

Prerequisite: None

GRY 145 Earth's Natural Environment

A study of the earth's natural systems including weather and climate, rocks and minerals, landforms and processes of landform development, biogeography, water resources and soils. Map fundamentals and the interrelationships of the geographic factors of the natural environment are emphasized. Students who take GRY 240 and GRY 145 may receive credit for only one of these courses. 3( 3 -0) F, S

Credit hours: 3 Lecture contact hours: 3 Lab contact hours: 0

Typically offered: Fall, Spring

Include sample syllabus (list topics, course goals.) Use text box OR upload only file types of PDF, DOC or DOCX.

0/30000 character limit.

Attached [View Attachment](#)

**Purpose of Course**

This course is designed to introduce students to the physical realms of the Earth: atmosphere, hydrosphere, lithosphere and biosphere. It increases the degree of awareness of students to Earth's physical environment, exposes the complex interconnectedness between each physical component governing planet Earth, and allows students to develop a well-informed, open-minded critical approach on matters relevant to physical geography. GRY 145 familiarizes students to the cyclical nature of geosystems and their interpretation. Past environmental changes are explored, and specific contemporary environmental problems are analyzed.

631/30000 character limit.

**Relationship to Other Departments**

GRY 142 Physical Geography is currently required or elective in a number of major, minor, and certificate programs. We have contacted the relevant departments and will work with them ahead of time so they can decide how to change their requirements accordingly when GRY 142 is deleted and GRY 145 and GRY 146 (the laboratory that complements this course) are implemented in the curriculum.

390/30000 character limit.

Is there a graduate/undergraduate parallel course to this one?  No  Yes

Enter parallel course number

nullnull null

How do these classes differ?

0/30000 character limit.

**New Course Resource Information**

|                                              |                                  |                                        |                                  |
|----------------------------------------------|----------------------------------|----------------------------------------|----------------------------------|
| Anticipated Average Enrollment per section:  | <input type="text" value="55"/>  | Maximum Enrollment Limit per section:  | <input type="text" value="55"/>  |
| Anticipated Average Enrollment per semester: | <input type="text" value="55"/>  | Maximum Enrollment Limit per semester: | <input type="text" value="110"/> |
| Anticipated Average Enrollment per year:     | <input type="text" value="110"/> | Maximum Enrollment Limit per year:     | <input type="text" value="220"/> |
| Faculty Load Assignment (equated hours):     | <input type="text" value="3"/>   |                                        |                                  |

Is another course being deleted?  No  Yes

Select course number and title being deleted.

GRY142 Introductory Physical Geography

**What will this course require in the way of:**

Additional library Holdings

None



*4/30000 character limit.*

**Additional computer resources**

None

*4/30000 character limit.*

**Additional or remodeled facilities**

None

*4/30000 character limit.*

**Additional equipment or supplies**

None

*4/30000 character limit.*

**Additional travel funds**

None

*4/30000 character limit.*

**Additional faculty; general vs specialized**

None

*4/30000 character limit.*

**Additional faculty; regular vs per-course**

None

*4/30000 character limit.*

Other additional expenses

None

*4/30000 character limit.*

If additional faculty are not required, how will faculty be made available to teach this course?

This course will replace GRY 142, which will be deleted once GRY 145 is implemented in the course catalog

*105/30000 character limit.*

List names of current faculty qualified and available to teach this course

Tasnuba Jerin, David Perkins, Robert Pavlowsky, Toby Dogwiler, Melanie Carden-Jessen

*84/30000 character limit.*

What is the anticipated source of students for this course?

General education students, geography & sustainability majors, and students from other MSU academic programs that require or allow the course as an elective.

*157/30000 character limit.*

If from within the department, will students be taking this course in addition to or in place of other courses?

In the Geography and Sustainability program this course, along with GRY 146, will replace the GRY 142 requirement.

116/30000 character limit.

If from outside the department, which courses in other departments would most likely be affected?)

None

4/30000 character limit.

Other comments:

Because of the lag time it will take to get the new courses (GRY 145 and GRY 146 lab) approved locally and for Core 42/MOTR we will delay the deletion of GRY 142. We anticipate that GRY will continue to be taught through at least Fall 2024. GRY 142 will be deleted once GRY 145 and 146 begin to be offered.

310/30000 character limit.

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

05/12/2023

**Current Status:**

College Council Review

**Proposal Progress:**

08/29/2023 - Submitted by Department Head (Toby Dogwiler)

**Review Comments:**

No comments have been added to this proposal.

No review notes have been added.

Copy As New Proposal

# MAKE YOUR COMMENT

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Last Updated: 2023-08-29 08:05:10 [Contact Information](#)

GRY 145: EARTH'S NATURAL ENVIRONMENT  
CREDIT HOURS 3.0

**Provisional:** The syllabus is subject to change as necessary.

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Class Time and Location:

Professor: Dr. Tasnuba Jerin

Office: Blunt Hall 321

Office hours:

Email: [TasnubaJerin@missouristate.edu](mailto:TasnubaJerin@missouristate.edu)

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### Course Information

**Catalog Description: GRY 145—Earth's Natural Environment. 3(3-0) F, S.**

A study of the earth's natural systems including weather and climate, rocks and minerals, landforms and processes of landform development, biogeography, water resources and soils. Map fundamentals and the interrelationships of the geographic factors of the natural environment are emphasized. Students who take GRY 240 and GRY 145 may receive credit for only one of these courses.

### General Education Learning Goals

GRY 145 is a General Education course sanctioned by the Council on General Education and Intercollegiate Programs (CGEIP). Within the MSU General Education structure, GRY 145 is a *Breath of Knowledge - Natural World* course with a focus on *Physical Sciences*.

This course is designed to introduce students to the physical realms of the Earth: atmosphere, hydrosphere, lithosphere and biosphere. It increases the degree of awareness of students to Earth's physical environment, exposes the complex interconnectedness between each physical component governing planet Earth, and allows students to develop a well-informed, open-minded critical approach on matters relevant to physical geography. GRY 145 familiarizes students to the cyclical nature of geosystems and their interpretation. Past environmental changes are explored, and specific contemporary environmental problems are analyzed.

GRY145 Earth's Natural Environment course content, learning experiences and assessments contribute to CGEIP General Education goals and specific learning outcomes as follows:

### Knowledge of the Natural World – Physical Sciences

**General Goal (11):** Students will understand and actively explore fundamental principles in physical sciences and methods of developing and testing hypotheses used in the analysis of the physical universe.

SLO11.1: Demonstrate knowledge of the physical universe and Planet Earth, including its origin and physical processes.

GRY 145 examines each physical realm of the Earth: atmosphere, hydrosphere, lithosphere and biosphere. This includes: energy-atmosphere system, global temperatures, atmospheric moisture and cloud development, synoptic weather and global climate systems, water resources, fluvial systems, tectonics, earthquakes and volcanism, weathering and mass movement, soils, environmental systems and

biomes. Origin and physical transformations of the Earth through time is explored, and current global environmental changes are discussed.

SLO11.3: Develop knowledge and principles of the physical world (in this case, Planet Earth) through hypothesis testing and gain the ability to draw defensible conclusions regarding the physical world.

GRY 145 allows the general education student to learn relevant quantitative methods used by physical geographers to explore and model the phenomena they observe (e.g., climograph, soil water budget, etc...), and expose them to other useful tools used by physical geographers (air photo interpretation, topographic maps, GIS, etc...). To this end, lectures and assignments are aimed at increasing the degree of awareness of students to Earth's physical environment, and allow them to develop a well-informed, open-minded critical approach on matters relevant to physical geography. GRY 145 encourages students to develop their own opinions on global environmental issues based on current accepted theories and issues discussed in class.

SLO11.5: Understand the ways the environment impacts humanity and how human actions affect the environment.

GRY 145 explores the concept of global environmental change by looking at processes that shape the physical environment, both natural and human induced. Specific issues such as climate change, deforestation, and sea level rise are analyzed, and consequences on Earth's physical realms (including human communities) are discussed. In the context of natural disasters, GRY 145 explores several major topics (earthquake, volcanism, drought, tsunami, hurricane landfall, climatic anomalies, etc...), and their impacts on human communities and the environment are examined.

### **Textbook and Course Materials**

**Required:** Access to Modified Mastering Geography with Pearson eText (Bundled Package) —for McKnight's Physical Geography: A Landscape Appreciation 13e textbook content. Below are the details:

- Modified Mastering Geography with Pearson eText -- Standalone Access Card -- for McKnight's Physical Geography: A Landscape Appreciation, 13/e; ISBN: 9780135800065

### **Technology Requirements and Assistance**

This course requires use of Blackboard (you will need your MSU ID to login to the course from the Blackboard homepage) and *Pearson My Lab and Mastering*<sup>i</sup>. You can access [Pearson My Lab and Mastering](#) via blackboard (see the left menu on your Blackboard course shell). To be successful in this course, you MUST have reliable computer and Internet access. It is each student's responsibility to have access to a dependable computer and Internet connectivity.

For class attendance and participation, you will need to register to “**Learning Catalytics**” via your [Pearson My Lab and Mastering](#). This will be used throughout the semester to conduct in-class activities and record your participation and attendance.

### **Technical Assistance**

If you need assistance with Blackboard, you can contact the MSU Help Desk in the following ways:

- Phone: 417-836-5891
- Email: [HelpDesk@MissouriState.edu](mailto:HelpDesk@MissouriState.edu)
- Visit the Help Desk website for a live chat option

## Registering to My Lab and Mastering via Blackboard

- For registration, use the handout uploaded on Blackboard: [blackboard.missouristate.edu](https://blackboard.missouristate.edu)
- Registration must be completed by September 1, 2023.
- Make sure to use your Missouri state email address for registration.
- If you need any assistance with your registration, please consult this website: <https://support.pearson.com/getsupport/s/>

## Accessing Learning Catalytics (LC) via My Lab and Mastering

Once you have registered to My Lab and Mastering with e-text, you can access Learning Catalytics right away. **Learning Catalytics** is available at the upper right corner of your MyLab and Mastering Course Home.

**Strict deadline rule:** All assignment, test, and exam deadlines will be strictly enforced. Students are encouraged to work ahead and turn in the assignments before the due date. All Late Work will earn a 0 in this class unless proof of medical or other approved excused absence is presented.

## Course Requirements

### *1. Attendance and participation (20% of total grade)*

- Regular and consistent attendance is necessary for you to earn a good grade in this course. Exams/tests and quizzes will be taken from both the lectures and the textbook. Reading the textbook is imperative for your success in this course, however, if you do not attend class and only read the textbook, it is likely that you will not pass the course.
- “Learning Catalytics” will be used throughout the semester to conduct in-class activities and record your participation and attendance. There will be pop quizzes and other participatory activities in-class (we will call them **LC Quizzes**) which will be graded to record your attendance and participation. All LC Quizzes will be weighted equally.
- To ensure your attendance and participation, you **MUST** have reliable computer and Internet access required to gain access to “Learning Catalytics”. It is each student’s responsibility to have access to a dependable computer and Internet connectivity. Faculty are required to report excessive absences to the university, so please attend the class.
- All LC Quizzes must be completed during class (i.e., in-class). Working on a LC Quiz while being absent in class will be considered as a violation of the [academic integrity policy](#).

### *2. Reading Quizzes (20% of total grade)*

- **Reading quizzes** will be available to take online through My Lab and Mastering while the material is being taught in the lecture. The reading quiz of a particular unit will be available throughout the days the unit is being taught. Upon completion of the lectures of a unit, the reading quiz for the corresponding unit will no longer be available. Please refer to the **Course Schedule** below to find the availability and due dates of the reading quizzes.
- All reading quizzes will be weighted equally.
- All reading quizzes are to be completed individually.

### 3. Tests (40% of total grade)

This course has two tests: **Test 1** accounts for 20% of the total grade. **Test 2** accounts for 20% of the total grade as well.

Tests will be given on the days listed in the **Course Schedule** without exception. If you miss a test, you cannot receive a make-up unless a proof of medical or other approved excused absence is presented. Both tests will be held in-class

### 4. Final Exam (20% of total grade)

- The final exam will be cumulative of all the materials learned throughout the course and accounts for 20% of the total grade.
- It will take place completely within the class.
- The final exam will take place on **May 16, from 11:00 am to 1:00 pm** according to the Final Exam Schedule assigned by the Office of Registrar. While this is a 2-hour exam, you **MUST** begin the final exam no later than 11:15 am (i.e., you are not allowed to sit for the final exam after 11:15 am).
- Regardless of your reason, if you miss the final exam, you cannot receive a make-up. However, if a proof of medical or other approved excused absence is presented, I will allow you to replace your Final Exam score with the average of your two test scores (i.e., the average of Test1 and Test2). Please note that in this case, **NO** extra credit points will be added to your final exam score (if there is any opportunity for extra credits)

### 5. Extra Credit

Extra credit opportunities will be announced via blackboard and/or in class whenever relevant. It is each student's responsibility to remain updated on in-class and/or blackboard announcements.

### Course Schedule

Please refer to the **Course Schedule** below for the details of activities, reading quizzes and exams. Any and all updates and/or changes will be announced during class and/or via Blackboard.

### Grading Policy

Your final grade will be a result of the followings:

| Assignment                                                         | Weight |
|--------------------------------------------------------------------|--------|
| Reading quizzes                                                    | 20%    |
| Attendance and Participation: LC Quizzes (via Learning Catalytics) | 20%    |
| Test 1                                                             | 20%    |
| Test 2                                                             | 20%    |
| Final Exam                                                         | 20%    |

### Viewing Grades

We will be using both the 'Blackboard Gradebook' and the 'My Lab and Mastering Gradebook' for this course. Your RAW scores for Reading quizzes and LC Quizzes will be available on My Lab and Mastering Gradebook. All other scores will be posted on Blackboard Gradebook in a timely manner.

### Grading Scale

The table below describes the relationships between letter grades, percent, and performance. The first column describes the letter grade. The second column describes the percentage associated with that letter grade. The third column describes the performance represented by that letter grade and percentage. Final grade will be rounded such as  $89.50\% \geq 90\%$  or  $89.49\% \leq 89\%$ .

### *Grading scale*

| <b>Letter Grade</b> | <b>Percentages</b> | <b>Performance</b>    |
|---------------------|--------------------|-----------------------|
| A                   | 93 to 100%         | Excellent Work        |
| A-                  | 90 to 92%          | Nearly Excellent Work |
| B+                  | 87 to 89%          | Very Good Work        |
| B                   | 83 to 86%          | Good Work             |
| B-                  | 80 to 82%          | Mostly Good Work      |
| C+                  | 77 to 79%          | Above Average Work    |
| C                   | 73 to 76%          | Average Work          |
| C-                  | 70 to 72%          | Mostly Average Work   |
| D+                  | 67 to 69%          | Below Average Work    |
| D                   | 60 to 66%          | Poor Work             |
| F                   | 0 to 59%           | Failing Work          |

### **Course Policies**

As a student at Missouri State University, it is important to familiarize yourself with the syllabus policy statements that apply to all courses. Please refer to the link below for a comprehensive list of up-to-date university policies <https://www.missouristate.edu/provost/bbsyllabus.htm>.

The course specific policies are outlined below:

### **Classroom arrivals and departures**

If you anticipate a need to leave the classroom early, please inform me (preferably in person) prior to class. I also ask that you sit on the end of a row so as not to disrupt other students. I will do my best to end all lectures promptly at the end of class; because of this, I ask that you do not pack your belongings and cause a disturbance in the last minutes of class. If you are in a hurry due to your scheduling, make it a habit to sit on the outside seats of the rows so you can depart quickly without disturbing normal class time. If you arrive late, sit on the most convenient seat available (on the ends of the rows) and do not disrupt other students (this includes test days as well).

### **Laptop use**

Laptops and tablets are a significant tool to take notes and connect with course materials. They are not to be used for personal communications or to work on other classes during our class time.

### **Testing protocol**

During tests and exams all hats must be removed or worn backwards, and all headphones must be removed. Additionally, materials (such as study guides notes, etc.) must be put away and completely out of sight. Keep all answers covered at all times during the tests and exams; instances of exposed answers are tempting to other students and may give the appearance that you are allowing someone to copy your answers. Allowing others to copy answers (in addition to copying answers) constitutes cheating and will result in a zero on the test and an immediate referral to the academic integrity office.

### **Emails**

Communication over email is an important skill to develop for both your professional and personal lives. In this case, we will be communicating over email in a professional manner. In doing so, I ask that you adhere to the following guidelines when corresponding (even if sending from your phone):

- Always send complete emails that include salutation and signature, and contain a completely explained subject or question



- Send emails only after consulting the syllabus
- Proofread your emails before sending
- Check your emails regularly
- Announcements and communication will be sent over email, and you are expected to read these
- Use ONLY your Missouri State email when corresponding. I am not able to correspond with you through any outside email addresses

### Commercialized Lecture Notes

Commercialization of lecture notes and university-provided course materials is not permitted in this course. Lecture materials are the intellectual property of the Faculty, the Publisher, and the University.

### Code of Behavior

Faculty at MSU are committed to developing and actively protecting a class environment in which respect must be shown to everyone in order to facilitate and encourage the expression, testing, understanding, and creation of a variety of ideas and opinions. During class time, all headphones, EarPods must be removed. Rude, sarcastic, obscene, or disrespectful comments have a negative impact on everyone’s learning and will not be tolerated. Any person engaging in disrespectful or disruptive behavior will be subject to the university’s misconduct policy outlined in the Code of Student Rights and Responsibilities.

### Emergency Storm Shelter and Evacuation Information

In the event of an emergency or incident in the classroom, the faculty member is often the first university representative or authority figure recognized to be in charge until emergency first responders arrive. At the first-class meeting, students should become familiar with a basic emergency response plan through a dialogue with the instructor that includes a review and awareness of exits specific to the classroom and the emergency relocation areas for the building. For your convenience, this information has been provided below by the Office of the Provost and the Office of University Safety. Students with disabilities impacting mobility should discuss with their instructor the approved accommodations for emergency situations and additional options. Faculty must include information related to emergency response in their syllabi (see <https://www.missouristate.edu/provost/bbsyllabus.htm>). For more information contact University Safety (417-836-5509) or consult the Emergency Quick Reference Guide and Campus Emergency Response Plan.

Tornado Shelter Area Information (in case of severe weather).

| Building   | Tornado Shelter Area                                                                                     |
|------------|----------------------------------------------------------------------------------------------------------|
| Cheek Hall | Evacuate floors 1, 2, and 3 using Center, North and West stairs<br>Shelter in basement interior hallway. |

Emergency Assembly Point Instructions (in case the building needs to be evacuated for events such as fire, gas leak, etc.)

| Building   | Emergency Assembly Point                                                                             |
|------------|------------------------------------------------------------------------------------------------------|
| Cheek Hall | West to Siceluff Hall 1st Floor<br>South to Ellis Hall 1st Floor<br>Southwest to Hill Hall 1st Floor |

Areas of Rescue (in case you are unable to evacuate to the ground floor, these are areas of temporary safety until rescuers arrive)

| Building | Area of Rescue |
|----------|----------------|
|----------|----------------|

|            |                       |
|------------|-----------------------|
| Cheek Hall | None in this facility |
|------------|-----------------------|

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### Course Schedule

| Unit # | Chapter/s                                             | Date  | Due Assignment                               | Due time                             |
|--------|-------------------------------------------------------|-------|----------------------------------------------|--------------------------------------|
|        | Course Introduction                                   | 08/22 | Complete Pre-test                            |                                      |
| 1      | Chapters 1 & 2                                        | 08/24 | Reading Quiz 1                               |                                      |
|        |                                                       | 08/29 |                                              |                                      |
|        |                                                       | 08/31 |                                              | 9: 00 PM                             |
| 2      | Chapter 3                                             | 09/05 | Reading Quiz 2<br>(On Chapter 3 only)        |                                      |
| 2 & 3  | Chapter 3 & 4                                         | 09/07 |                                              | 9: 00 PM                             |
| 3      | Chapter 4                                             | 09/12 | Reading Quiz 3                               |                                      |
|        |                                                       | 09/14 |                                              | 9:00 PM                              |
|        |                                                       | 09/19 |                                              | <b>Test 1: Chapters 1, 2, 3, 4</b>   |
| 4      | Chapter 5                                             | 09/21 | Reading Quiz 4                               |                                      |
|        |                                                       | 09/26 |                                              |                                      |
|        |                                                       | 09/28 |                                              |                                      |
|        |                                                       | 10/03 |                                              | 9:00 PM                              |
| 5      | Chapters 6 & 7                                        | 10/05 | Reading Quiz 5                               |                                      |
|        |                                                       | 10/10 |                                              | 9:00 PM                              |
|        |                                                       | 10/12 |                                              | Fall Break                           |
| 6      | Chapter 8<br>(Guided Chapter,<br>Self-study required) | 10/17 | Reading Quiz 6                               |                                      |
|        |                                                       | 10/19 |                                              | 9: 00 PM                             |
|        |                                                       | 10/24 |                                              | <b>Test 2: Chapters 6, 7 &amp; 8</b> |
| 7      | Chapters 13 & 14                                      | 10/26 | Reading Quiz 7<br>(Includes Units 7 & 8)     |                                      |
|        |                                                       | 10/31 |                                              |                                      |
| 8      | Chapters 12, 15 &17                                   | 11/02 |                                              |                                      |
|        |                                                       | 11/07 |                                              |                                      |
|        |                                                       | 11/09 |                                              | 9:00 PM                              |
| 9      | Chapters 9 &16                                        | 11/14 | Reading Quiz 8                               |                                      |
|        |                                                       | 11/16 |                                              | 9: 00 PM                             |
|        |                                                       | 11/21 | No classes                                   |                                      |
|        |                                                       | 11/23 | Thanksgiving Holiday                         |                                      |
| 10     | Chapter 19                                            | 11/28 | Reading Quiz 9                               |                                      |
|        |                                                       | 11/30 |                                              | 9: 00 PM                             |
|        |                                                       | 12/05 | <i>Review class &amp; Complete Post-test</i> |                                      |

|  |  |       |                                                                                                                               |
|--|--|-------|-------------------------------------------------------------------------------------------------------------------------------|
|  |  | 12/12 | <b>Final Exam</b><br>Comprehensive: Includes everything taught<br>throughout the semester<br><b>Time: 11:00 am to 1:00 pm</b> |
|--|--|-------|-------------------------------------------------------------------------------------------------------------------------------|

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<sup>i</sup> **Pearson My Lab and Mastering** is an online platform provided by the publishers that will be used to supplement materials in this lecture course.

# Change Course Proposal Form

**Submitted on 08/24/2023 by Gary Michelfelder ([GaryMichelfelder@MissouriState.edu](mailto:GaryMichelfelder@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:

GLG355 Volcanology

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

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

Is there a graduate/undergraduate parallel course to this one?  No  Yes

Current online catalog description:

GLG 355 Volcanology

Prerequisite: GLG 110 or GLG 171 and GLG 172. Systematic discussion of volcanic phenomena, including types of eruptions, generation and emplacement of magmas, products of volcanism, volcanic impact on humans, and the monitoring and forecasting of volcanic events. Case studies of individual volcanoes illustrate principles of volcanology, with a particular emphasis on Hawaiian, Andean, Icelandic and Cascade volcanism. 3(2-2) 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.)

↶ ↷ **B** *I* ~~S~~

## GLG 355 Volcanology

Prerequisite: GLG 110 or GLG 171 and GLG 172. Systematic discussion of volcanic phenomena, including types of eruptions, generation and emplacement of magmas, products of volcanism, volcanic impact on humans, and the monitoring and forecasting of volcanic events. Case studies of individual volcanoes illustrate principles of volcanology, with a particular emphasis on Hawaiian, Andean, Icelandic and Cascade volcanism. 3(2-2) SO

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What is changing? Check all boxes that apply.

- |                                                     |                                                                      |                                      |                                       |
|-----------------------------------------------------|----------------------------------------------------------------------|--------------------------------------|---------------------------------------|
| <input type="checkbox"/> Course Code                | <input type="checkbox"/> Course Number ( <u>Check Availability</u> ) | <input type="checkbox"/> Title       | <input type="checkbox"/> Prerequisite |
| <input type="checkbox"/> Credit Hours/Contact Hours | <input checked="" type="checkbox"/> Periodicity                      | <input type="checkbox"/> Description |                                       |

## Reason for proposed change

Currently being offered in Spring Even years. Updating the catalog to reflect when the course is actually being offered.

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

Explain.

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

- |                                                                                       |                                                                   |                                        |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------|
| <input checked="" type="checkbox"/> Routine or annual review/assessment of curriculum | <input type="checkbox"/> Faculty Input                            | <input type="checkbox"/> Student Input |
| <input type="checkbox"/> Accreditation/certification compliance                       | <input checked="" type="checkbox"/> 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)

09/08/2023

**Current Status:**

College Council Review

**Proposal Progress:**

08/29/2023 - Submitted by Department Head (Toby Dogwiler)

**Review Comments:**

No comments have been added to this proposal.

No review notes have been added.

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Last Updated: 2023-08-29 08:05:10 [Contact Information](#)

# Change Course Proposal Form

**Submitted on 08/25/2023 by Tasnuba Jerin ([TasnubaJerin@MissouriState.edu](mailto:TasnubaJerin@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:

GRY142 Introductory Physical Geography

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

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

Is there a graduate/undergraduate parallel course to this one?  No  Yes

Current online catalog description:

GRY 142 Introductory Physical Geography

General Education Course (Focus on Physical Sciences). MOTR number GEOG 100L - Physical Geography with Lab. A study of the earth's natural systems including weather and climate, rocks and minerals, landforms and processes of landform development, biogeography, water resources and soils. Map fundamentals and the interrelationships of the geographic factors of the natural environment are emphasized. Students who take GRY 240 and GRY 142 may receive credit for only one of these courses. 4(3-2) F,S

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 142 Introductory Physical Geography~~ **Earth's Natural Environment**  
 General Education Course (Focus on Physical Sciences). MOTR number GEOG 100L - Physical Geography with Lab. A study of the earth's natural systems including weather and climate, rocks and minerals, landforms and processes of landform development, biogeography, water resources and soils. Map fundamentals and the interrelationships of the geographic factors of the natural environment are emphasized. Students who take GRY 240 and GRY 142 may receive credit for only one of these courses. 4(3-2) F,S

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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

We are proposing to change the title to create a title that is more relevant to students. "Physical Geography" is a term with little meaning to students and we feel the new title will make students more interested in the course and its existing content.

Note: in a separate set of proposals we are proposing to split the current GRY 142 course into separate lecture and laboratory courses. Because of the lag time it will take to get the new courses (GRY 145 and GRY 146) approved locally and for Core 42/MOTR we are changing the name of GRY 142 to take advantage of the perceived benefits of the new name while we await implementation of the new courses. Once the new courses are fully approved in the MSU curriculum, general education program, and Core 42/MOTR, GRY 142 will be deleted.

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

Explain.

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
  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)

05/12/2023

**Current Status:**

College Council Review

**Proposal Progress:**

08/29/2023 - Submitted by Department Head (Toby Dogwiler)

**Review Comments:**

No comments have been added to this proposal.

No review notes have been added.

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# Change Course Proposal Form

**Submitted on 08/27/2023 by Tasnuba Jerin ([TasnubaJerin@MissouriState.edu](mailto:TasnubaJerin@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:

GRY143 Physical Geography Laboratory

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

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

Is there a graduate/undergraduate parallel course to this one?  No  Yes

Current online catalog description:

GRY 143 Physical Geography Laboratory

Laboratory instruction in the earth's natural systems including weather and climate, rocks and minerals, landforms and processes of landform development, biogeography, water resources and soils. Map fundamentals and the interrelationships of the geographic factors of the natural environment are emphasized. This course is open only to transfer students who have already completed a 3-credit course equivalent to the lecture portion of GRY 142. 1(0-2) F,S

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>B</b> | <i>I</i> |  |
|--|--|----------|----------|--|

~~GRY 143 Physical Geography Laboratory~~ **GRY 146 Earth's Natural Environment Laboratory**

Laboratory instruction in the earth's natural systems including weather and climate, rocks and minerals, landforms and processes of landform development, biogeography, water resources and soils. Map fundamentals and the interrelationships of the geographic factors of the natural environment are emphasized. 1(0-2) F, S

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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

Through a series of parallel proposals we are proposing to split the existing GRY 142 Physical Geography course into separate lecture and laboratory sections. Students will be able to take one or both of the courses depending on if they need a Physical Science general education lab and/or lecture. This change is similar to the way other science general education courses, such as CHM 160 and CHM 161, are currently structured.

This course (GRY 143) already existed as a mechanism to allow geography majors transferring a lecture equivalent to GRY 142 but without an accompanying lab section to take the lab necessary for the major. This proposal will change the name of the existing GRY 143 to match the new name for the lecture portion of the course (Earth's Natural Environment). We are also changing the number to GRY 146 to make it one digit greater than the new GRY 145 Earth's Natural Environment lecture course that is being proposed in parallel.

Because of the lag time it will take to get the new courses (GRY 145 and GRY 146) approved locally and for Core 42/MOTR we are also changing the name of the current GRY 142 to take advantage of the perceived benefits of the new name while we await implementation of the new courses. Once the new courses are fully approved in the MSU curriculum, general education program, and Core 42/MOTR, GRY 142 will be deleted and GRY 145 and 146 will begin being offered.

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

Explain.

It does not change the established student learning outcomes for GRY 142, which are being rolled over as is into the GRY 145 and 146. However, in the future we anticipate that GRY 145 and 146 will be assessed separately since they will now be separate courses.

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):

Among other strategic decisions, such as changing the name to something we perceive to be more relevant to students, the separation of the lecture and lab into separate courses better mirrors how many Core 42 MOTR courses are offered at other institutions in Missouri, especially community colleges. This will streamline the transfer of coursework to MSU. MSU students will also have the option to take GRY 145 (without) GRY 146 if they only need a physical science non-laboratory course.

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)

05/12/2023

**Current Status:**

College Council Review

**Proposal Progress:**

08/29/2023 - Submitted by Department Head (Toby Dogwiler)

**Review Comments:**

No comments have been added to this proposal.

No review notes have been added.

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# Change Program Proposal Form

**Submitted on 07/31/2023 by Krista Evans ([KristaEvans@MissouriState.edu](mailto:KristaEvans@MissouriState.edu)).**

## Department:

Geography, Geology, & Planning

## Type of Program

### Choose One:

- Non-Comprehensive Undergraduate Major
  Option  
 Comprehensive Undergraduate Major
  Minor  
 Graduate Program
  Certificate

### Choose All That Apply:

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

Does this program include any new courses?

- No
  Yes (A corresponding new course form must be submitted to create each new course.)

## Title of Program Affected:







Community and Regional Planning

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

Bachelor of Science  
 PLN 367(3), 371(3), 372(3), 571(3).  
 PLN 572(4) or 576(4).

*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)

|                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |
| <p>Bachelor of Science<br/>           PLN 367(3), <del>371(3)</del>, <del>372(3)</del>, <b>370(3)</b>, 571(3).<br/>           PLN 572(4) or 576(4).</p>                                                                                                                                                                                                                                                                  |
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Not Attached

Total Hours:

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

- Title change
- Adding option to an existing program (major)
- Deleting option from an existing program (major)
- Adding existing course(s) totaling  credits
- Adding newly created course(s) totaling  credits

**(Note: A new course proposal must be submitted for each new course)**

- Deleting courses from the program (major)

**(Note: A Delete Course Proposal form must be submitted if deleting course from catalog.)**

- Changing admission requirements
- Other

Removing PLN 371 and PLN 372 from the minor.

**Reason for Proposed Change:**

We have gotten rid of PLN 371 and 372, and instead created a new course, Fundamentals of Planning (PLN 370) in its place. This will decrease the credits needed by 3 for both the major and minor. The changes have already gone through for the major, we forgot to do this for the minor as well.

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

**Current Status:**

Department Head Review

**Proposal Progress:**

This proposal is waiting for its first review.

**Review Comments:**

No comments have been added to this proposal.

No review notes have been added.

Copy As New Proposal

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Last Updated: 2023-08-15 13:16:02 [Contact Information](#)

# Change Course Proposal Form

**Submitted on 04/10/2023 by Melanie Carden-Jessen ([MCardenJessen@MissouriState.edu](mailto:MCardenJessen@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:

SCI404 Teaching of Middle School Natural Science

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

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

Is there a graduate/undergraduate parallel course to this one?  No  Yes

Current online catalog description:

SCI 404 Teaching of Middle School Natural Science

Prerequisite: BIO 205 and CHM 116 and 117 and PHY 101 and GRY 240; EDC 350 or concurrent enrollment; and admission to Teacher Education. Recommended Prerequisite: LTC 318 and MID 421. Integration of current science learning theories and standards into practical classroom experiences for students of diverse backgrounds and abilities. Students will learn to design and teach science through various inquiry pedagogical approaches. A 15 hour practicum is required. Field trips are required. Portfolio checkpoint 2 is partially addressed through assignments in this course. Credited only on BSEd degree. A grade of "C" or better is required in this course in order to take MID 493 or MID 494. Cannot be taken Pass/Not Pass. 3(2-2) S

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~~



## SCI 404 Teaching of Middle School Natural Science

Prerequisite: **BIO 205 BIO 100 or BIO 101/111** and CHM 116 and 117 and PHY 101 and GRY 240; EDC 350 or concurrent enrollment; and admission to Teacher Education. Recommended Prerequisite: LTC 318 and MID 421. Integration of current science learning theories and standards into practical classroom experiences for students of diverse backgrounds and abilities. Students will learn to design and teach science through various inquiry pedagogical approaches. A 15 hour practicum is required. Field trips are required. Portfolio checkpoint 2 is partially addressed through assignments in this course. Credited only on BSEd degree. A grade of "C" or better is required in this course in order to take MID 493 or MID 494. Cannot be taken Pass/Not Pass. 3(2-2) S

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What is changing? Check all boxes that apply.

- |                                                     |                                                                               |                                      |                                                  |
|-----------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------|--------------------------------------------------|
| <input type="checkbox"/> Course Code                | <input type="checkbox"/> Course Number ( <a href="#">Check Availability</a> ) | <input type="checkbox"/> Title       | <input checked="" type="checkbox"/> Prerequisite |
| <input type="checkbox"/> Credit Hours/Contact Hours | <input type="checkbox"/> Periodicity                                          | <input type="checkbox"/> Description |                                                  |

## Reason for proposed change

BIO 205 is no longer offered. BIO 100 was added as prerequisite on original proposal. BIO 101/111 has been added to fill the prerequisite to eliminate the need for exceptions for transfer students at the request of College of Education and resubmitted. Additional options for the middle school science program have been added and are listed below. None are prerequisites. One course from: GRY 135 (4), GLG 110 (4), AST 115 (4), BIO 122 (4).

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

Explain.

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

- |                                                                            |                                                        |                                        |
|----------------------------------------------------------------------------|--------------------------------------------------------|----------------------------------------|
| <input type="checkbox"/> Routine or annual review/assessment of curriculum | <input checked="" type="checkbox"/> Faculty Input      | <input type="checkbox"/> Student Input |
| <input type="checkbox"/> Accreditation/certification compliance            | <input type="checkbox"/> 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)

10/21/22

**Current Status:**

College Council Review

**Proposal Progress:**

04/12/2023 - Submitted by Department Head (Tamera Jahnke)

**Review Comments:**

No comments have been added to this proposal.

No review notes have been added.

Copy As New Proposal

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