

# Curricular Action Workflow



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

## Change Course Proposal Form

**Submitted on 08/23/2022 by Toby Dogwiler ([TDogwiler@MissouriState.edu](mailto:TDogwiler@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:

GLG340 Structural Geology

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 340 Structural Geology

Prerequisite: GLG 314 and GLG 333 and GLG 334 or concurrent enrollment; and either MTH 138 or MTH 181. Recommended Prerequisite: PHY 123 or PHY 203. Elementary theory of stress and strain, rock behavior, continuous structures, fracture theory, discontinuous structures and kinematics of plate motion. Field trips required. A grade of "C" or better is required in this course in order to take GLG 413. Cannot be taken Pass/Not Pass. 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.)

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GLG 340 Structural Geology

Prerequisite: GLG 314 and GLG 333 and GLG 334 or concurrent enrollment; and either **MTH 137 (or higher) or PHY 123 (or higher)** ~~MTH 138 or MTH 181~~. Recommended Prerequisite: PHY 123 or PHY 203. Elementary theory of stress and strain, rock behavior, continuous structures, fracture theory, discontinuous structures and kinematics of plate motion. Field trips required. A grade of "C" or better is required in this course in order to take GLG 413. Cannot be taken Pass/Not Pass. 4(3-2) F,~~S~~

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What is changing? Check all boxes that apply.

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

## Reason for proposed change

We are updating the math pre-requisite to align with the MTH 136 Precalc 1 / MTH 137 Precalc 2 offerings in the Math department. We will accept MTH 137 Precalculus 2 (or higher) which is functionally equivalent to the current prerequisite of MTH 138 (MTH 181 is no longer offered at MSU). We are also adding PHY 123 as an alternative pre-requisite to MTH 137. PHY 123 has a pre-requisite of MTH 136 Precalculus 1. Structural geology involves the mathematical application of the principals covered in PHY 123. Our faculty believe that students who have passed PHY 123 (and therefore MTH 136) have demonstrated a sufficient mastery of applying the math skills to the physics concepts to succeed in GLG 340. Note: all geology majors must pass a minimum of MTH 137 as part of their degree requirements (and MTH 261 or MTH 287 for comprehensive majors). This change in pre-requisites for GLG 340 will not result in geology majors taking fewer math courses, it will just change the entry pathway into this course.

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 Input
- Student Input
- Accreditation/certification compliance
- Review of catalog information

Other (be specific):

Check if this is a non-substantive change.

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

08/19/2022

**Current Status:**

College Council Review

**Proposal Progress:**

08/23/2022 - 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 COURSE CHANGE STATEMENT.**

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Last Updated: 08/17/2022 20:18 Contact Information