

Submit originals and one copy and electronic copy to **Governance/Faculty Senate Office**  
 See <http://www.uaf.edu/uafgov/faculty/cd> for a complete description of the rules governing curriculum & course changes.

**CHANGE COURSE (MAJOR) and DROP COURSE PROPOSAL**

**SUBMITTED BY:**

<b>Department</b>	Geoscience (Geology and Geophysics)	<b>College/School</b>	Natural Science and Mathematics
<b>Prepared by</b>	Douglas Christensen	<b>Phone</b>	907-474-7426
<b>Email Contact</b>	doug@giseis.alaska.edu	<b>Faculty Contact</b>	Douglas Christensen

**1. COURSE IDENTIFICATION:**

Dept  Course #  No. of Credits

**COURSE TITLE**

**2. ACTION DESIRED:**

Change Course  If Change, indicate below what change. Drop Course

<b>NUMBER</b>	<input checked="" type="checkbox"/>	<b>TITLE</b>	<input checked="" type="checkbox"/>	<b>DESCRIPTION</b>	<input checked="" type="checkbox"/>
<b>PREQUISITES</b>	<input type="checkbox"/>			<b>FREQUENCY OF OFFERING</b>	<input checked="" type="checkbox"/>
<b>CREDITS (including credit distribution)</b>	<input type="checkbox"/>			<b>COURSE CLASSIFICATION</b>	<input type="checkbox"/>

**6. CURRENT CATALOG DESCRIPTION AS IT APPEARS IN THE CATALOG: including dept., number, title and credits**

**JUSTIFICATION FOR ACTION REQUESTED**

[The majority of this page is obscured by heavy black redaction bars, rendering the text illegible.]

**JUSTIFICATION FOR ACTION REQUESTED**

The purpose of the department and campus-wide curriculum committees is to scrutinize course change and new course applications to make sure that the quality of UAF education is not lowered as a result of the proposed change. Please address this in your response. This section needs to be self-explanatory. If you ask for a change in # of credits, explain why; are you increasing the amount of material covered in the class? If you drop a prerequisite, is it because the material is covered elsewhere? If you want to change the title, explain why.

[The remainder of the page is a series of horizontal lines for writing, which are mostly obscured by heavy black redaction bars.]

**ADDITIONAL SIGNATURES: (As needed for cross-listing and/or stacking)**

	Date	
Signature, Chair, Program/Department of:		

	Date	
Signature, Chair, College/School Curriculum Council for:		

	Date	
Signature, Dean, College/School of:		



UNIVERSITY  
of ALASKA

Diane Wagner <dwagner10@alaska.edu>

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## GEOS 418

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Dr. Doug Christensen <doug@giseis.alaska.edu>

Mon, Oct 3, 2011 at 12:44 PM

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To: [diane.wagner@alaska.edu](mailto:diane.wagner@alaska.edu)

From: Diane Wagner <[diane.wagner@alaska.edu](mailto:diane.wagner@alaska.edu)>

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> To: [doug@giseis.alaska.edu](mailto:doug@giseis.alaska.edu)

Diane. It would be great if you could make the change that you suggested below.

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to Offered Fall Odd-numbered Years. Thanks Doug Christensen

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> Cc: Sarah Fowell <[sifowell@alaska.edu](mailto:sifowell@alaska.edu)>

> Subject: GEOS 418

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> Hi Doug,

> I chair the CNSM Curriculum Council, and we reviewed your course

> proposal for Solid Earth Geophysics today. Sounds like a good

## GEOS 318 SYLLABUS

### 1. Course Information.

GEOS F318 Solid Earth Geophysics, 3 credits, Fall 2013

Meeting times: MWF, 10:30-11:30

Meeting location: TBA

Prerequisites: MATH F200X, PHYS F104X, or permission of instructor

### 2. Instructor Information.

Instructor: Douglas Christensen

Office: 413C Elvey (Geophysical Institute)

Email: [doug@giseis.alaska.edu](mailto:doug@giseis.alaska.edu)

Phone: (907) 474-7426

Office Hours: MWF, 9:00-10:00 or by appointment

### 3. Course Materials.

Notes will be handed out during class

Fundamentals of Geophysics, William Lowrie, 2<sup>nd</sup> ed., 2007, Cambridge

### 4. Course description.

Concepts and techniques of geophysics including origin of the Earth, its structure, and large scale dynamic processes responsible for its surface features

Week 2	Gravity and the figure of the Earth The Earth's size and shape	Homework Set 2
Week 3	Gravitation	Homework Set 3
Week 4	Earth's rotation The Earth's figure and gravity	Homework Set 4

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Week 7	Mid Term Seismology and the internal structure of the Earth Elasticity theory	Homework Set 5
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**12. Disabilities Services.**

~~The Office of Disability Services implements the Americans with Disabilities Act~~

(ADA), and it ensures that UAF students have equal access to the campus and course materials. The Geophysics Program will work with the Office of Disability Services (208, WHIT 474-5655) to provide reasonable accommodation to students

with disabilities.