

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"/>



**JUSTIFICATION FOR ACTION REQUESTED**

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**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 scanning artifacts.]

**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

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

> Subject: GEOS 418

>

> 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 (398 WHIT 474-5656) to provide reasonable accommodation to students

with disabilities.