



# Course Approval Form

For instructions see:  
<http://registrar.gmu.edu/facultystaff/catalog-revisions/course/>

### Action Requested:

Create new course     Inactivate existing course     Reinstate inactive course     Undergraduate

Modify existing course (check all that apply)

Title     Credits     Repeat Status     Grade Type     Graduate

Prereq/coreq     Schedule Type     Restrictions

Other: \_\_\_\_\_

College/School:  Department:

Submitted by:  Ext:  Email:

Subject Code:  Number:  Effective Term:  Fall  Spring  Summer Year:

(Do not list multiple codes or numbers. Each course proposal must have a separate form.)

Title: Current  Banner (30 characters max w/ spaces)  New

Fulfills Mason Core Req? (undergrad only)

Currently fulfills requirement

Submission in progress

Credits: (check one)  Fixed  Variable  or  Repeat Status: (check one)  Not Repeatable (NR)  Repeatable within degree (RD)  Repeatable within term (RT) Maximum credits allowed:

Grade Mode: (check one)  Regular (A, B, C, etc.)  Satisfactory/No Credit  Special (A, B, C, etc. +IP)

Schedule Type: (check one)  Lecture (LEC)  Lab (LAB)  Recitation (RCT)  Internship (INT)

Independent Study (IND)  Seminar (SEM)  Studio (STU)

Prerequisite(s):  Corequisite(s):

Instructional Mode:

100% face-to-face

Hybrid: ≤ 50% electronically delivered

100% electronically delivered

Restrictions Enforced by System: Major, College, Degree, Program, etc. Include Code.

Are there equivalent course(s)?  Yes  No

If yes, please list \_\_\_\_\_

### Catalog Copy for NEW Courses Only (Consult University Catalog for models)

Description (No more than 60 words, use verb phrases and present tense)	Notes (List additional information for the course)
Capstone experience that includes discussion of scientific articles and attending seminars. Seminars presented by outside experts, faculty, and students.	
Indicate number of contact hours: <input type="text" value="2"/> Hours of Lecture or Seminar per week: <input type="text" value="2"/> Hours of Lab or Studio: <input type="text"/>	
When Offered: (check all that apply) <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Summer <input checked="" type="checkbox"/> Spring	

## Approval Signatures

Department Approval \_\_\_\_\_ Date \_\_\_\_\_ College/School Approval \_\_\_\_\_ Date \_\_\_\_\_

If this course includes subject matter currently dealt with by any other units, the originating department must circulate this proposal for review by those units and obtain the necessary signatures prior to submission. Failure to do so will delay action on this proposal.

Unit Name	Unit Approval Name	Unit Approver's Signature	Date

### For Graduate Courses Only

Graduate Council Member \_\_\_\_\_ Provost Office \_\_\_\_\_ Graduate Council Approval Date \_\_\_\_\_

# Course Proposal Submitted to the Curriculum Committee of the College of Science

## 1. COURSE NUMBER AND TITLE:

GEOL 792

**Course Prerequisites:** 15 Graduate Credits including GEOL 601 or equivalent, or permission of instructor.

**Catalog Description:** Capstone experience that includes discussion of scientific articles and attending seminars. Seminars presented by outside experts, faculty, and students.

## 2. COURSE JUSTIFICATION:

**Course Objectives:** This course will provide one of the required two credits of seminar for the MS in ESS degree.

**Course Necessity:** AOES currently does not provide any seminars for MS students in support of the MS in ESS degree.

**Course Relationship to Existing Programs:** This GEOL seminar course will be one of the required options offered by AOES for the MS in ESS degree.

**Course Relationship to Existing Courses:** Course content is unique and does not conflict with existing courses.

3. **APPROVAL HISTORY:** approved by AOES faculty on 21 Nov 2014.

## 4. SCHEDULING AND PROPOSED INSTRUCTORS:

**Semester of Initial Offering:** Fall '15

**Proposed Instructors:** Individualized

5. **TENTATIVE SYLLABUS:** See below.

---

### GEOLOGY GRADUATE SEMINAR GEOLOGY 792, SPRING 2015

Instructor: TBA

Contact Info:

Office Hours: TBD

### **STUDENT RESPONSIBILITIES**

Students are expected to have read the syllabus and be familiar with expectations, due dates for assignments, and dates and times for quizzes and exams. The syllabus will be posted on the

Blackboard system and students are expected to pay attention to any changes that are made over the course of the semester.

**Communication:** Students are expected to check their Mason email and the Blackboard system regularly for information about the course. Students are expected to have read the syllabus and be familiar with expectations, due dates for assignments, and presentations. The syllabus, including the schedule is posted on Blackboard and students are expected to pay attention to any changes that are made over the course of the semester. Failure to be aware of information posted to a student's Mason email account or on Blackboard is not a valid excuse for missing assignments, assignment instructions, tests, presentations or student responsibilities of any kind.

This course operates under the rules of the George Mason University Honor System and Code. Please be familiar with the code.

Students are expected to be respectful of the instructor and each other during class. Demonstrate that respect by please, turning off your cell phone and instant messaging during class.

If you are a student with a disability and you think that you need academic accommodations, contact the Office of Disability Resources at 703-993-2472 or [ods@gmu.edu](mailto:ods@gmu.edu) immediately if you have not already done so. All academic accommodations must be arranged through that office. You must then bring the accommodation recommendations to your instructor(s) immediately.

### **LEARNING OBJECTIVES**

- Develop your ability to comprehend and analyze concepts in geology
- Develop critical thinking skills and the ability to integrate information on a topic from several primary sources of scientific information
- Develop your skills in presenting scientific ideas in a clear and concise manner
- Develop analytical skills in geology

### **COURSE FORMAT AND GRADING**

The course will consist of a series of lectures on various topics in geology. Students will be required to read assigned literature in advance of each lecture, and to participate in discussions of the readings and the lectures following the lectures. These discussions will be led by each of the students in class on a rotating basis.

Grading is on a pass/fail basis. Students are expected to fully participate in discussion and presentations of papers to the group.

---