

012:257 (GEOS:6570) Tectonics and Petrology Seminar - Fall 2012

Class Time and Meeting Place: Wednesday 12:30-1:20 231 TH

Instructor: Jane A. Gilotti

267A TH, 335-1097, jane-gilotti@uiowa.edu

Office Hours: Tuesday and Wednesday 2:00-3:30 pm and by appointment

Topic: Continental Crust at Mantle Depths

Goals: To expose students to a broad range of topics in tectonics and petrology. To engage in a discussion of the processes currently of interest or currently being debated in the relatively new field of ultrahigh-pressure metamorphism. To improve the students' level of critical scientific reading and thinking; to learn to participate in a useful scientific discussion.

Format: The seminar will run as a series of weekly discussions of the material. One student will be assigned to lead the discussion each week by posing questions and introducing alternatives, debates or controversies. The lead student will be ready to navigate the pdfs of the article so that we can look at diagrams during the discussion.

Readings: There will be several required articles each week, chosen by the instructor. The articles will be posted on ICON. All students are expected to critically read and evaluate the articles prior to discussion. The instructor will give a 5-minute introduction at the end of each session to the topic and articles for the following week.

Preparation: Students should prepare a summary for each seminar: (1) a one sentence statement summarizing the point of each article; (2) critical assumptions; (3) type of data; (4) main conclusion; and (5) a list of 3 questions. Individuals should be prepared to pose and lead a short discussion of their 3 questions. The written summary will be handed in at the end of class.

Grading Criteria: This course will use the +/- system. Your grade will reflect the amount of effort you put into this course ... and since seminars require a bit of thought and insight, advanced preparation is required especially if you are going to generate a reasonable discussion. Your grade will be based on your weekly summary (40%) and your participation in the discussion, which should reflect how much you have thought about the topic (60%).

Department of Geoscience Syllabus Information:

Department Office: 121 Trowbridge Hall

Telephone: 319-335-1818

Department Chair (DEO): Prof. M.K. Reagan

DEO Office: 121C TH

DEO Telephone: 319-335-1820

DEO Email: geology-deo@uiowa.edu

Administrative Home

The College of Liberal Arts and Sciences is the administrative home of this course and governs matters such as the add/drop deadlines, the second-grade-only option, and other related issues. Different colleges may have different policies. Questions may be addressed to 120 Schaeffer Hall, or see the CLAS Academic Policies Handbook at <http://clas.uiowa.edu/students/handbook>.

Electronic Communication

University policy specifies that students are responsible for all official correspondences sent to their University of Iowa e-mail address (@uiowa.edu). Faculty and students should use this account for correspondences. (*Operations Manual*, [III.15.2](#). k.11.)

Accommodations for Disabilities

A student seeking academic accommodations should first register with Student Disability Services and then meet privately with the course instructor to make particular arrangements. See www.uiowa.edu/~sds/ for more information.

Academic Honesty

All CLAS students have, in essence, agreed to the College's Code of Academic Honesty: "I pledge to do my own academic work and to excel to the best of my abilities, upholding the IOWA Challenge. I promise not to lie about my academic work, to cheat, or to steal the words or ideas of others; nor will I help fellow students to violate the Code of Academic Honesty." Any student committing academic misconduct is reported to the College and placed on disciplinary probation or may be suspended or expelled ([CLAS Academic Policies Handbook](#)).

CLAS Final Examination Policies

The final examination schedule for each class is announced around the fifth week of the semester by the Registrar. Final exams are offered only during the official final examination period. No exams of any kind are allowed during the last week of classes. All students should plan on being at the UI through the final examination period. Once the Registrar has announced the dates and times of each final exam, the complete schedule will be published on the Registrar's web site.

Making a Suggestion or a Complaint

Students with a suggestion or complaint should first visit the instructor, then the course supervisor, and then the departmental DEO. Complaints must be made within six months of the incident ([CLAS Student Academic Handbook](#).)

Understanding Sexual Harassment

Sexual harassment subverts the mission of the University and threatens the well-being of students, faculty, and staff. All members of the UI community have a responsibility to uphold this mission and to contribute to a safe environment that enhances learning. Incidents of sexual harassment should be reported immediately. See the UI [Comprehensive Guide on Sexual Harassment](#) for assistance, definitions, and the full University policy.

Reacting Safely to Severe Weather

In severe weather, class members should seek appropriate shelter immediately, leaving the classroom if necessary. The class will continue if possible when the event is over. For more information on Hawk Alert and the siren warning system, visit the Public Safety [web site](#).

Rights and responsibilities in the classroom

The College's statement on student rights and responsibilities can be found at: <http://www.clas.uiowa.edu/students/handbook/x/>.