

**GEOLOGY 393/394 – SENIOR THESIS  
and Geology Capstone Program**

**FALL, 2017**

**Wednesday 4-6 p.m.  
Room PLS 1111**

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**COURSE DIRECTOR:** Dr. Philip M. Piccoli

**OFFICE:** Room 1109 Geology Building

**OFFICE HOURS:** by appointment or Wednesdays 2-3:30 PM; best to email me if you want to talk.

**CONTACT INFORMATION:** For questions, e-mail: [piccoli@umd.edu](mailto:piccoli@umd.edu)

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August 30:

*Topics:* Orientation- Selecting and Refining a Project; getting started.  
Discussion of grading policy (see below).

*Note:* 394 students should be sure to consult the new syllabus for important dates.

*Note:* First presentation for both 393 and 394, in front of the full department, is five (5) weeks and two (2) days from today. For 393 and 394: **Note - Rough Draft of your paper is due ten (10) WEEKS and two (2) days from today. Your final paper is due in exactly twelve (12) WEEKS.**

September 6:

*Topic:* Scientific Method I, including how it applies to the senior thesis.

*For Next Week:* Review “Writing Guide for the Senior Thesis” for the next class (on Canvas)

September 13:

*Topic:* English Skills: Written and Spoken English (on Canvas).

*Due (393):* **PROJECT DESCRIPTION DUE by email to me. Please put PROJECT DESCRIPTION in the subject line, and your name and 393 in the file name.**

September 20:

*Topic:* Preparing a Presentation

*Due (393):* **PROJECT APPROVAL SHEETS due (submit in paper form: place in my mailbox, or give to me in class).**

September 27:

*Topic:* Scientific Method II: data collection, numbers, digits, uncertainty.

October 2 (Monday): Not a class!

*Due (393): Project Paragraph + Outline Due (electronic, to Todd)<sup>Δ</sup>.* For 393: A hard copy of your Outline must be signed by your advisor, and placed in my mailbox by the due date of the electronic version. This is an indication of your advisor's approval of your Outline!

*Due (394): Written Progress Report Due* (electronic: 500 word minimum (not including name, title, and other heading information) updated abstract indicating your progress to date - electronic, to Todd).

October 4 (Wednesday): No class.

*Note:* Work on your presentation

October 6 (Friday): \*\* Presentations (1 p.m., in JMZ 0220). Faculty Please Attend.

*Presentation (393):* Oral Presentation of Topic for 393

*Presentation (394):* Oral Progress Report for 394

October 11:

*Note:* Optional class – check with instructor.

October 18: THIS IS FOR BOTH 393 and 394!

*Topics:* Discussion of Research Progress  
Preparing the Final Paper and Final Presentation

*Special Note:* You are now 23 days away from submitting your rough draft. At this point, you should be in conversations with your advisor about preparing your rough DRAFTS. Note that I indicated plural: draftS - writing your rough drafts must be a cooperative and iterative process, involving your effort and advice from your advisor(s).

November 8 (Wednesday):

*Note:* No class. Work on your presentation

November 10 (Friday):

*Due at Noon (393, 394): Rough Drafts* are due at noon. Send an electronic version to me by email. Ask your advisor(s) for their preference (email, paper). You must deliver your rough draft to your advisor(s).

November 15 (Tuesday):

*Note:* No class. Work on your research and your presentation.

November 16 (Thursday):

*Returned (393, 394):* Rough Drafts Returned to Student From Advisor(s) 393 and 394 **(Please make arrangements for when you will get the rough draft back from the appropriate parties)**. I will send you my corrections and comments sometime (probably late) *post meridiem*.

November 22 (Wednesday):

*Note:* Note that there are no classes on this day – if you will be leaving the area, please take care of assignments before you leave for the break.

*Due at Noon (393):* Final Proposal Due (electronic (to Todd) + paper copy)\*

*Due at Noon (394):* Final Report Due (electronic (to Todd) + paper copy)\*

(Electronic copies must be sent to Todd Karwoski (v.i.); Paper Copy is to be placed in a box in the Geology Building mailroom: one high-quality paper copy of your final paper with photos, color where needed, bound, with a cover).

December 8 (Friday): 1 p.m., JMZ 0220. **Faculty Please Attend.**

*Presentation (393):* Oral Presentation of Proposal

*Presentation (394):* Oral Presentation of Thesis

**NOTE:** Double Spaced Rough Drafts and Single Spaced Final Project Reports are due at NOON. ALL other files/papers required for 393 and 394 are due by 4:00 p.m. on the date specified. These deadlines are hard deadlines).

\*Any of these binding types are acceptable (you are not required to use this company; this is an example):  
<http://www.fedex.com/us/office/printing-services.html> (see Binding and finishing).

## Other Information

### Academic Accommodations:

If any 393-394 students have a documented disability that may affect their work in Geology 393 or 394 they should discuss this with me by no later than the second week of class. You should contact Disability Support Services: <http://counseling.umd.edu/DSS/>

### Academic Integrity:

The University of Maryland has a nationally recognized Code of Academic Integrity, administered by the Student Honor Council. This Code sets standards for academic integrity at Maryland for all undergraduate and graduate students. As a student you are responsible for upholding these standards for this course. It is very important for you to be aware of the consequences of cheating, fabrication, facilitation, and plagiarism. See <http://shc.umd.edu/SHC/Default.aspx>. Students are prohibited from cheating on exams, plagiarizing papers, having another person write their paper, submitting the same paper for credit in two courses without authorization, buying papers, submitting fraudulent documents, and forging signatures.

Please place this as an appendix in your 393 and 394 final papers, and sign it in the paper copy of the 394 Thesis paper:

"I pledge on my honor that I have not given or received any unauthorized assistance or plagiarized on this assignment."

### Δ **Computing Guide for Senior Thesis Work:**

*Monday before the first talk of the semester:* (talk to Todd ([karwoski@umd.edu](mailto:karwoski@umd.edu)) about his availability, and for his preferred method of file transfer)

Project Paragraph+Outlines or *Progress Reports* (for 393 and 394, respectively): Supply file to Todd Karwoski by the date and time specified (*vide supra*); you must be sure that Todd gets it directly from you.

*Week of both Friday presentations:* PowerPoint Files for Oral Presentations, or poster files, must be delivered, by a method to be determined by you and Todd, to Todd Karwoski by 11a.m. Friday, *or at another time, as indicated by Todd*. It is your responsibility to be sure that he receives the PowerPoint file or other appropriate file, and that it is in working order.

*Electronic copies of Final Papers (393, 394):* Electronic copies of final papers are due in Microsoft Word format. They will be converted to .pdf file format by Todd. Please do not leave blank pages in your presentation; please single space the document; and, wrap text around figures. Please have a separate title page. Pages should be numbered, but no number should be on the cover page. E-mail the file if appropriate, or present a disk to Todd, or follow Todd's instructions if he presents you with an alternative. Check the syllabus and the 393/4 Guide for hard copy requirements.

### Course Evaluations and Policies:

CourseEvalUM will be open for students to complete their evaluations for the Fall semester. Students can go directly to the [website](#) to complete their evaluations.

Relevant undergraduate student/course policies and procedures:  
<http://www.ugst.umd.edu/courserelatedpolicies.html>

### **Course Organization:**

One meeting per week, unless otherwise noted, at the beginning of the semester. Students are expected to meet weekly with their main research advisor, and maintain communication with me and their advisor on at least a weekly basis. You can email me 24/7. I will get back to you as soon as I can.

### **Grading:**

(More detail is on Canvas/ELMS): The rough draft of your 393 or 394 paper will account for 10% of the final course grade, the final paper will account for 60%, and the final presentation will account for 30%. Note however, that failure to make either of the two required presentations without an approved excuse (e.g., a medical excuse backed by a formal medical document), or failure to submit the final paper on time, can result in failure of the course. The grade for the rough draft will be based on the rough draft rubric, which is on Canvas.

### **Senior Thesis Grants:**

Stay tuned for details

### **Writing Guides:**

Suggested Alternate Writing Guides: 1) (Primary Guide) Irvine, T.N., Rumble, Douglas, and Irvine, L.M., 1992, A writing guide for petrological (and other geological) manuscripts: *Journal of Petrology*, p. 1- 46. Can be found online [here](#). 2) (Secondary Guide) Bates, J.D. (1985) *Writing with Precision: How to Write so that you Cannot Possibly be Misunderstood*. Acropolis Books, Washington D.C., 226 p.