

**GLY4552C-Sedimentary Geology Course Syllabus and Rules of the Road  
Fall 2019**

Lecture MWF Period 5 (11:45-12:35); Williamson 202  
Lab Wed (6-7); Wed (8-9); Fri (6-7) Williamson 215

Instructor: John Jaeger  
Office: Williamson 225  
Telephone: 846-1381  
Email: [jmjaeger@ufl.edu](mailto:jmjaeger@ufl.edu)

**Teaching Assistants:**

**Rachel Nutter**

e-mail: [rfnutter@ufl.edu](mailto:rfnutter@ufl.edu)  
Office: Williamson Hall 274  
Hours: Monday, 10:30-11:30 am Or by appointment  
Sections: Class #14457, section # 04F7: Wednesday, periods 6-7 (12:50-2:45 pm)  
Class# 14458 section #14FE: Wednesday, periods 8-9 (3:00-4:55pm)

**Nicole Greco**

Email [nicolegreco@ufl.edu](mailto:nicolegreco@ufl.edu)  
Office: Williamson Hall 263  
Hours: Thursday, 2:00-3:00 pm Or by appointment  
Sections: Class# 14461 section #4A13: Friday, periods 6-7 (12:50-2:45pm)

TAs Office Hours: See Lab Syllabus  
Office Hours: MWF 1:30 to 3 pm or by appointment

**Email communication**

All email correspondence to course instructor or TAs must be from your ufl.edu account, have your full name in the body of the email, and contain your course and section number in the subject line. Emails not meeting these requirements may not be recognized by our email filters, and thus may not be answered. Please follow [this guide](#) if you do not know how to craft an email to your professor.

**Course Website**

Course materials and related information will be posted on the course E-Learning (**Canvas**) website at <http://lss.at.ufl.edu>. You are responsible for all announcements made in class and/or posted on the course website for this course.

**Note:** This syllabus is meant to serve as an outline and guide for our course. Please note that I may modify it with reasonable notice to you. I may also modify the Course Schedule to accommodate the needs of our class. Any changes will be announced in class and posted on Canvas under Announcements.

**Required Text:**

Principles of Sedimentology and Stratigraphy by Sam Boggs, Prentice Hall (5<sup>th</sup> addition preferred, 4<sup>th</sup> is ok)

**Required Field Equipment:**

- Hand lens
- Notebook (field+lecture)
- Water bottle
- Pencils, pens

**Required Field TRIPS:**

There will be two mandatory, all-day weekend field trips. Dates are:

- Talbot Island field trip (Saturday Nov. 16)
- Haile Quarry field trip (Sunday Nov. 24)

**For students with disabilities:**

Students may find themselves limited in their ability to accomplish course requirements for a variety of reasons, including but not limited to: autism, visible physical disability, non-visible physical disability or chronic illness, learning disability, mental illness, and bereavement processes. I aim to provide an inclusive and safe environment for all students and will work with the Dean of Students Office of Disability Resources, in Peabody 202 (phone: 352-392-1261). Please see the University of Florida Disability Resources website for more information at: <http://www.dso.ufl.edu/drp/services/>.

Students may contact and register with Office of Disability Resources at any point in the semester. Some students seeking disability accommodations may choose to do so through non-medical routes. I recognize potential barriers to seeking medical disability accommodations and will work with students seeking non-medical disability accommodations to specify a plan of action, if needed. Please notify me as soon as possible of any accommodation needs, as it is the policy of the University of Florida that the student, not the instructor, is responsible for arranging accommodations when needed.

**Teaching format and Attendance Policy**

The course is based upon mandatory lectures, lab assignments, field trips and class discussion.

No points will be deducted for absences, but students who do not regularly attend lecture or labs will see a significant drop in their quiz and lab grades as much of the relevant material is covered in class. Notify the instructor ASAP if you have a known schedule conflict. If you miss a lab or field trip due to illness, contact the instructor as soon as you are able to so to make arrangements for make-up work.

Requirements for class attendance and make-up exams, assignments, and other work are consistent with university policies that can be found at:

<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>

### **Diversity and Inclusion**

In an ideal world, science would be objective. Nevertheless, much of science is subjective and is historically built on a small subset of voices. In this class, we will make an effort to read papers from a diverse group of scientists but limits still exist on this diversity. I acknowledge that it is possible that there may be both overt and covert biases in the material due to the lens with which it was written, even though the material is primarily of a scientific nature. Integrating a diverse set of experiences is important for a more comprehensive understanding of science. I would like to discuss issues of diversity in geoscience as part of the course from time to time. Please contact me (in person or electronically) or submit anonymous feedback if you have any suggestions to improve the quality of the course materials.

The University of Florida is dedicated to creating a positive, inclusive work environment that embraces diversity in all forms and rejects any form of hostile work place, discrimination, or bullying. We have a clear statement of behavioral expectations that can be found here: <http://aa.ufl.edu/media/aaufledu/policies/Classroom-Behavior.pdf> .Please note that as a faculty member I am a mandatory reporter for Title IX violations. We have a Gender Inclusive Restroom next to Williamson 141.

It is my goal to create a learning environment for my students that supports a diversity of thoughts, perspectives and experiences, and honors your identities (including race, gender, class, sexuality, religion, ability, etc.). To help accomplish this:

- Please let the class know your chosen name and pronouns.
- If you feel like your performance in the class is being impacted by your experiences outside of class, please don't hesitate to come and talk with me. I want to be a resource for you.
- Your classmates and instructors (like many people) are still in the process of learning about diverse perspectives and identities. If something was said in class (by anyone) that made you feel uncomfortable, please talk to me about it.
- As a participant in course discussions, you should also strive to honor the diversity of your classmates (e.g., use appropriate pronouns and names, make sure all voices are being heard, etc.).
- In addition, if any of our class meetings conflict with your religious events, please let me know so that we can make arrangements for you.

## Content

This course aims to develop the student's expertise in sedimentology by consideration of both theoretical and practical approaches. A broad range of techniques for the analysis of sediments will be introduced through a sequence of seven modules that contain lectures, in-class and laboratory exercises and field trips. Emphasis is placed on the study of sedimentology and its application to various topics in geology:

- Critical Thinking
- Observational Sedimentology
- Weathering and Global Climate Change
- Sediment Transport & Planetary Sedimentology
- Sedimentary Petrography & Tectonic Processes
- Sedimentary Environments and Facies Analysis
- Lithostratigraphy & Florida Subsurface Geology

Each topic will be introduced and developed through a series of modules delivered through E-Learning.

### **Assessment**

Course assessment is based upon:

Lab Assignments = 50%

Research Paper=10%

On-line quizzes=25%

Final Exam = 10 %

Class Participation/Lecture Journal=5%

### **Grading Scale**

Point Range (%)	Letter Grade	GPA equivalent
≥ 93.00	A	4.0
90.0 – 92.99	A-	3.67
87.0 – 89.99	B+	3.33
83.0 – 86.99	B	3.0
80.0 – 82.99	B-	2.67
77.0 – 79.99	C+	2.33
73.0 – 76.99	C	2.0
70.0 – 72.99	C-	1.67
67.0 – 69.99	D+	1.33
63.0 – 66.99	D	1.0
60.0 – 62.99	D-	0.67
< 60.0	E	0

Note that a “C-“ will not be a qualifying grade for critical tracking courses. In order to graduate, students must have an overall GPA and an upper-division GPA of 2.0 or better (C or better). Note: a C- average is equivalent to a GPA of 1.67, and therefore, it does not satisfy this graduation requirement. For more information on grades and grading policies, please visit: <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx#grades>

**On-line Quizzes:** You will have on-line quizzes to complete through Canvas at the start and end of each module. You will take a pre-module assessment quiz with the option to take a second end-of-module quiz for a better grade.

**Weekly Lab/Lecture Assignments** –Assignments will accompany the particular module being completed that week (or weeks). There will not always be an absolute right or wrong answer for these assignments (unlike many of other lab classes you may have had). Therefore, your grade will be determined by how clearly you present your results. Late assignment policy is up to Krista and Michelle.

**Lecture Journal/Notebook:** For this assignment you will keep a lecture notebook/journal in which you will keep responses and illustrations based on the prompts given in lecture. This is a very useful skill that will help you to develop your communication skills in taking abstract ideas and converting them into a format that you can share with others. Occasionally, the notebooks will be collected and reviewed for completeness. Students are welcome to keep these notebooks after the course is completed.

**Final Exam** – The final will be the only lengthy in-class exam that you will have to complete. It will be comprehensive and based on lecture notes, text, and mostly labs.

**Make-Up Policy:** Students that provide me with prior notification of an absence can make up any missed quizzes. The TAs will determine their policy for missed lab assignments.

### **Conduct in Class**

- Please treat your instructor and fellow classmates with consideration and respect. Please be courteous and do not talk during lecture. This can be distracting to other students and the instructor. If you are late for class, please quietly sit in the back.
- Only approved electronic devices may be used in class. Approved electronic devices are laptop computers and tablets (when used to take notes or otherwise participate in classroom activities) and voice recording devices. Unapproved electronic devices include cell phones, video recorders, and digital cameras, *so please put away your phones during class unless instructed to use them for an assignment.*

### **Academic Honesty Guidelines**

All students registered at the University of Florida have agreed to comply with the following statement: **“I understand that the University of Florida expects its students to be honest in**

**all their academic work. I agree to adhere to this commitment to academic honesty and understand that my failure to comply with this commitment may result in disciplinary action up to and including expulsion from the University.”**

In addition, on all work submitted for credit the following pledge is either required or implied: “On my honor I have neither given nor received unauthorized aid in doing this assignment.”

If you witness any instances of academic dishonesty in this class, please notify the instructor or contact the Student Honor Court (392-1631) or Cheating Hotline (392-6999). For additional information on Academic Honesty, please refer to the University of Florida Academic Honesty Guidelines at: <http://www.dso.ufl.edu/judicial/procedures/academicguide.html>.

I have elected to use a plagiarism detection service in this course, in which case you will be required to submit your paper to such a service as part of your assignment.

### **UF Counseling Services**

Resources are available on-campus for students having personal problems or lacking clear career and academic goals. The resources include:

- UF Counseling & Wellness Center, 3190 Radio Rd, 392-1575, psychological and psychiatric services.
- Career Resource Center, Reitz Union, 392-1601, career and job search services.

Many students experience test anxiety and other stress related problems. “A Self Help Guide for Students” is available through the Counseling Center (301 Peabody Hall, 392-1575) and at their web site: <http://www.counsel.ufl.edu/>.

### **Course Evaluations Fall 2019**

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://gatorevals.aa.ufl.edu/students/>. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluer.com/ufl/>. Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/public-results/>.

### **Assessment goals**

The degree to which students have successfully attained these benchmarks is evaluated:

- Directly through a series of on-line quizzes that are used to evaluate the assimilation of key terminology and concepts
- Directly through a series of field and lab exercises requiring the description and measurement of key characteristics of sediments
- Directly through the final, for which students have to utilize their experiences in the lab and field to derive and interpret sedimentological data.