



PLS 309- Intro to Soil Science

Fall 2025 Syllabus

Course Information

Instructor: Dr. Grace Flusche Ogden

Office: AGET 249

Office Hours:

AGET 249- MWF 10-11; Twin Oaks- Thursday 10-12

Virtual appointments available by request.

Preferred form of communication: Email

E-mail: grace.ogden@etamu.edu

Expected response time: 48 hours

Class time & Place: MWF 9-9:50 am, EDS 103

Course Purpose: Welcome to PLS 309! This course is designed to introduce students to the fundamentals of soil science and the impact of soils in society.

Course Text: Fundamentals of Soil Science: Lecture Notes. Author: Sergio Abit. Currently about \$45 to purchase a new version of this book through the ETAMU book store. The 2nd edition is acceptable.

Learning Objectives

- Recall the fundamental terms and concepts of soils
- Classify soils by physical properties and soil orders
- Recognize soil formations and functions
- Explain processes associated soil as a system
- Describe important soil biota
- Describe agronomically important soil characteristics
- Define soil chemical properties & processes
- Analyze socially important issues involving soils
- Understand how society & soils interact
- Apply course content to the impact of soils

Grading

Course Grading: Grades will be based on quizzes, homework, assignments, and four exams. A total of 1090 points will be available throughout the semester, with only 1000 points counting toward the student's final grade.

A= 900-1000

B= 800-899

C= 700-799

D= 600-699

F= <500

Course Work Category	# of opportunities available	Maximum Points
Quizzes	~ 20	400
Assignments	~6	300
Exams	3	300
Total		1000

Grade Disputes: Students have seven days from the date of any grade assessment to dispute their grade. Email Dr. Ogden with “PLS 309 Grade Dispute” in the subject line. It is the student’s responsibility to check their grades on D2L regularly. If you think there is an error, you must alert Dr. Ogden within a week.

Course Work

Quizzes: Approximately 20 quizzes will be given throughout the semester. 450+ points worth of quizzes will be available, only 400 points count toward final grade. Quizzes may be given via D2L or in-class. Quiz content will be composed of material from previous class lectures, field trips, hands-on experiences, or guest lectures. Virtual lecture options will not be offered this semester.

Assignments: Six assignments will be given throughout the semester. These assignments are intended to mimic what you might encounter in a job and will range in format. Guidelines will be general. I will tell you when the assignment is due, where to turn it in, and the parameters I expect. In most cases you will be able to use your own creative directive to determine how you will accomplish the assignment. Assignments will be focused on developing your *career competency*.

Exams: Three (3) exams will be administered. Each exam will be worth 100 points, with the potential for up to 10 bonus points. Exams will be given during class time, specified at least 10 days in advance.

Late work policy: All assignments (except your final exam) must be submitted on or before December 1 at 11:59 pm for grading consideration. I reserve the right to change this policy or set a certain amount of assignments (2-3) that I will grade one week past the due date. Use this policy wisely. You do not have to email me to receive this grace period, just turn in your work.

Expectations

1. Come to class prepared.
2. Arrive on time to class and stay for the duration of class.
3. Ask for help when you need it!
4. Be kind. Respect others. Engage in civil and relevant discussion.
5. **Academic Honesty.** See Texas A&M University-Commerce Academic Honesty policy at the end of the syllabus.

Classroom conduct: Students who engage in behavior that disrupts the learning environment may be asked to leave class.

Correspondence: E-mail is the best (only) way to contact me, besides coming to my office. Office visits are encouraged! ☺

Please put “PLS 309” in the subject line of all emails pertaining to class. Include your full name in your email.

A note about lab: For many of you, PLS 329 (Intro to Soil Sci LAB) is a degree requirement. Dr. Derald Harp currently leads PLS 329. While we will make every effort to make lecture and lab cohesive, there may be times lab and lecture may deviate from each other. With this in mind, please treat them as separate courses. I will equip you the best I can for lab and welcome any questions regarding lab or lecture. I will happily serve as a resource for any student with plant or soil interest.

Mandatory University Addendums to Syllabus

LMS

All course sections offered by East Texas A&M University have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are technical requirements

LMS Requirements:

<https://community.brightspace.com/s/article/Brightspace-Platform-Requirements>

LMS Browser Support:

https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm

Zoom Video Conferencing Tool

https://inside.tamuc.edu/campuslife/CampusServices/CITESupportCenter/Zoom_Account.aspx?source=universalmenu

ACCESS AND NAVIGATION

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or helpdesk@etamu.edu.

Note: Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a TAMUC campus open computer lab, etc.

COMMUNICATION AND SUPPORT

If you have any questions or are having difficulties with the course material, please contact your Instructor.

Technical Support

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found here:

<https://community.brightspace.com/support/s/contactsupport>

STUDENT RESPONSIBILITIES FOR COURSE

CWID and Password

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or helpdesk@etamu.edu.

Technology-Related Issues

Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a ETAMU campus open computer lab, etc.

TECHNOLOGY REQUIREMENTS AND SUPPORT

Minimal Technical Skills Needed

Students will need reliable computer and internet access for this course. Students must be able to effectively use myLeo email, myLeo Online D2L, and Microsoft Office.

Learning Management System (LMS) – D2L

All course sections offered by East Texas A&M University have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are the technical requirements:

- View the [Learning Management System Requirements Webpage](#).
- Learn more on the [LMS Browser Support Webpage](#).

Technical Support

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found on the [Brightspace Support Webpage](#).

COMMUNICATION AND SUPPORT

Interaction with Instructor Statement

If you have any questions or are having difficulties with the course material, please contact your instructor. Correspondence will always be through university email (your “myLeo” mail) and announcements in myLeo online (D2L). You will not RECEIVE email through D2L, so be sure to check your ETAMU email for communication. Students are encouraged to check university email daily.

Include the Following in Emails with Instructor:

- Course name and subject in the subject line
 - Salutation (Good afternoon, Dr. Jackson)
 - Proper email etiquette (no “text” emails – use proper grammar and punctuation)
 - Student name and CWID after the body of the email (possibly add to student signature on email)
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COURSE AND UNIVERSITY PROCEDURES/POLICIES

Syllabus Change Policy

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The [Code of Student Conduct](#) is described in detail online in the [Student Guidebook](#).

Students should also consult the [Rules of Netiquette Webpage](#) for more information regarding how to interact with students in an online forum.

ETAMU Attendance

For more information about the attendance policy, please view the [Attendance Webpage](#) and the [Class Attendance Policy](#)

Academic Integrity

Students at East Texas A&M University are expected to maintain high standards of integrity and honesty in all their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

[Undergraduate Academic Dishonesty University Procedure 13.99.99.R0.03](#)

[Undergraduate Student Academic Dishonesty Form](#)

[Graduate Student Academic Dishonesty University Procedure 13.99.99.R0.10](#)

[Graduate Student Academic Dishonesty Form](#)

Use of Artificial Intelligence

East Texas A&M University acknowledges that there are legitimate uses of Artificial Intelligence, ChatBots, or other software that has the capacity to generate text, or suggest replacements for text beyond individual words, as determined by the instructor of the course.

Any use of such software must be documented. Any undocumented use of such software constitutes an instance of academic dishonesty (plagiarism).

Individual instructors may disallow entirely the use of such software for individual assignments or for the entire course. Students should be aware of such requirements and follow their instructors' guidelines. If no instructions are provided the student should assume that the use of such software is disallowed.

In any case, students are fully responsible for the content of any assignment they submit, regardless of whether they used an AI, in any way. This specifically includes cases in which the AI plagiarized another text or misrepresented sources

Students with Disabilities-- ADA Statement

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services

Velma K. Waters Library Rm 162

Phone (903) 886-5150 or (903) 886-5835

Fax (903) 468-8148

Email: studentdisabilityservices@etamu.edu

Website: [Office of Student Disability Services](#)

Nondiscrimination Notice

East Texas A&M University will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information, or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

Campus Concealed Carry Statement

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in East Texas A&M University buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and ETAMU Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations.

For a list of locations, please refer to the [Carrying Concealed Handguns On Campus](#) document and/or consult your event organizer.

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all East Texas A&M University campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

East Texas A&M Supports Students' Mental Health – Counseling Services

The Counseling Center at East Texas A&M University, located in the Halladay Building, Room 203, offers counseling services, educational programming, and connection to community resources for students. Students have 24/7 access to the Counseling Center's crisis assessment services by calling 903-886-5145. For more information regarding Counseling Center events and confidential services, please visit www.tamuc.edu/counsel

Mental Health and Well-Being

The university aims to provide students with essential knowledge and tools to understand and support mental health. As part of our commitment to your well-being, we offer access to Telus Health, a service available 24/7/365 via chat, phone, or webinar. Scan the QR code to download the app and explore the resources available to you for guidance and support whenever you need it.



As an Institutional Member of the National Association of Schools of Music, East Texas State A&M University supports the Association's commitment to student health and wellness. The following web address provides links to information for resources related to physical and mental well-being, as well as assists in offering preventative measures that students can take to avoid serious and/or chronic conditions: [Musician Health and Safety - East Texas A&M University](#)

Department and Accrediting Agency Statement:

School of Music Mission Statement:

The School of Music at East Texas A&M University promotes excellence in music through the rigorous study of music history, literature, theory, composition, pedagogy, and the preparation of music performance in applied study and ensembles to meet the highest standards of aesthetic expression.