

University of North Texas at Dallas
Fall 2024
Syllabus for BIOL 1132 – H 304 Environmental
Science

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| Department of | Natural Sciences | School of Liberal Arts and Sciences |
| Instructor Name: | Saima Khursheed. PhD | |
| Lab Location: | FH 248 Friday 1pm-2:50pm | |
| Lab Manual Required | Customized Version of A Laboratory Manual for Introduction to Environmental Science For use at the University of North Texas at Dallas 1st. Edition Kendall Hunt Publishing Company ISBN 9798765733622 https://he.kendallhunt.com/product/laboratory-manual-introduction-environmental-science | |

Laboratory Schedule

| Week of | Topic | Points |
|----------------------------|--|---------------|
| August 26 th | - NO LAB – FIRST WEEK OF CLASSES | - |
| September 2 nd | Introduction, Lab Safety Lab 1: The Scientific Method | 10 |
| September 9 th | Lab 2: An Introduction to Environmental Science and Basic Laboratory Skills | 10 |
| September 16 th | Lab 3: Conservation History: Rachel Carson's Silent Spring | 10 |
| September 23 rd | Lab 4: Human Population Growth and Survivorship | 10 |
| September 30 th | Lab 5: Energy Conservation, Air Pollution, and Kilowatt Ours | 10 |
| October 7 th | Lab Exam1 | 50 |
| October 14 th | Lab 6: Energy Resources | 10 |
| October 21 st | Lab 7: Biodiversity and the Biodiversity Crisis | 10 |

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| October 28th | Lab 8. Soil Analysis Part I: pH, Nutrients, Conductivity | 10 |
| November 4th | Lab 9. Water Quality and Dissolved Oxygen | 10 |
| November 11th | Lab 10. Solid Waste | 10 |
| November 18 th | LAB EXAM 2 | 50 |
| November 25 th | Thanksgiving Holiday, NO LABS | - |
| December 2 nd | Student Presentations, Reading Day, NO LABS | 50 |
| December 9-14 | Finals Week, NO LABS | Total=250 |

Attendance and Participation Policy: The University attendance policy is in effect for this course. Please refer to Policy 7.00 Student Attendance at <https://untsystem.policytech.com/dotNet/documents/?docid=1347&public=true> Class attendance and participation is expected. Attendance and participation in all labs is essential to the integration of course material and your ability to demonstrate proficiency. Students are responsible to notify the instructor if they are missing lab and for what reason. Exam questions are taken from lab exercise introductions. No makeup labs are available.

Exam and Policy: Exams should be taken as scheduled. No makeup examinations will be allowed except for documented emergencies (See Student Handbook) See Policy 7.005 Student Attendance at <https://www.untDallas.edu/hr/upol>.. Students are allowed to take make-up for only one missed exam, with proper documentation.

Use of Electronic Gadgets: You are allowed to take notes or record the class using laptops/iPads/other electronic devices. However, you will be asked to discontinue use of an electronic device if it becomes disruptive.

Food/Drink Policy: Food or drinks are not allowed in labs

Other Course Specific Policies:

Grading in BIOL 1132 Lecture and Laboratory – Note: The lab is worth 25% of your final overall grade for the BIOL 1132 course. However, you must receive a passing grade (60% or higher) in the laboratory to receive a passing grade in the class. Students must pass both the lecture and the lab independently to pass the course (i.e., if you fail the lab, you automatically fail the entire course; and if you fail the lecture, you automatically fail the entire course).

University Policies and Procedures

Students with Disabilities (ADA Compliance):

The University of North Texas at Dallas makes reasonable academic accommodations for students with disabilities. Students seeking accommodation must first register with the Disabilities Services Office (DSO) to verify their eligibility. If a disability is verified, the DSO will provide you with an accommodation letter to be delivered to faculty to begin a private discussion regarding your specific needs in a course. You may request accommodation at any time, however, DSO notices of accommodation should be provided as early as possible in the semester to avoid any delays in

implementation. Note that a student must obtain a new letter of accommodation for every semester and must meet/communicate with each faculty member prior to implementation in each class. Students are strongly encouraged to deliver letters of accommodation during faculty office hours or by appointment. Faculty members have the authority to ask students to discuss such letters during their designated office hours to protect the privacy of the student. For additional information see the Disability Services Office website at <http://www.untDallas.edu/disability>. You may also contact them by phone at 972-338-1777; by email at UNTDDisability@untDallas.edu on the first floor of the Student Center.

Canvas Instructure Accessibility Statement:

University of North Texas at Dallas is committed to ensuring that online and hybrid courses are usable by all students and faculty including those with disabilities. If you encounter any difficulties with technologies, please contact our ITSS Department. To better assist them, you would want to have the operating system, web browser and information on any assistive technology being used. The Canvas Instructure Accessibility Statement is provided at <https://www.canvaslms.com/accessibility>.

NOTE: Additional instructional technology tools, such as Turnitin, Respondus, Panopto, and publisher cartridge content (i.e. MyLab, Pearson, etc.) may NOT be fully ADA compliant. Please contact our Disability Office should you require additional assistance utilizing any of these tools.

Academic Integrity:

Academic integrity is a hallmark of higher education. You are expected to abide by the University's code of Academic Integrity policy. Any person suspected of academic dishonesty (i.e., cheating or plagiarism) will be handled in accordance with the University's policies and procedures. Refer to the UNT Dallas Academic Integrity Policy in the appropriate Catalog at <http://dallascatalog.unt.edu>.

Academic dishonesty includes, but is not limited to, cheating, plagiarizing, fabrication of information or citations, facilitating acts of dishonesty by others, having unauthorized possession of examinations, submitting work of another person or work previously used without informing the instructor, or tampering with the academic work of other students.

Web-based Plagiarism Detection: Please be aware in some courses, students may be required to submit written assignments to Turnitin, a web-based plagiarism detection service, or another method. If submitting to Turnitin, please remove your title page and other personal information.

Classroom etiquette:

Students are encouraged to contribute their perspectives and insights to class discussions. However, offensive & inappropriate language (swearing) and remarks offensive to others of nationalities, ethnic groups, sexual preferences, religious groups, genders, or other ascribed statuses will not be tolerated. Disruptions which violate the Code of Student's Rights, Responsibilities, and Conduct will be referred to the Dean of Students as the instructor deems appropriate (UNT Policy 7.001 found at <https://untsystem.policytech.com/dotNet/documents/?docid=1278&public=true>).

Classroom Disruption:

Students are expected to always engage with the instructor and other students in this class in a respectful and civil manner to promote a classroom environment that is conducive to teaching and learning. Students who engage in disruptive behavior will be directed to leave the classroom. A

student who is directed to leave class due to disruptive behavior is not permitted to return to class until the student meets with a representative from the Dean of Students Office. It is the student's responsibility to meet with the Dean of Students before class meets again and to provide the instructor confirmation of the meeting. A student who is directed to leave class will be assigned an unexcused absence for that class period and any other classes the student misses because of not meeting with the Dean of Students. The student is responsible for material missed during all absences, and the instructor is not responsible for providing missed material. In addition, the student will be assigned a failing grade for assignments, quizzes or examinations missed and will not be allowed to make up the work.

The Code of Student's Rights, Responsibilities, and Conduct (**UNTD Policy 7.001** found at <https://untsystem.policytech.com/dotNet/documents/?docid=1278&public=true>) describes disruption as the obstructing or interfering with university functions or activity, including any behavior that interferes with students, faculty, or staff access to an appropriate educational environment. Examples of disruptive behavior that may result in a student being directed to leave the classroom include but are not limited to: failure to comply with reasonable directive of University officials, action or combination of actions that unreasonably interfere with, hinder, obstruct, or prevents the right of others to freely participate, threatening, assaulting, or causing harm to oneself or to another, uttering any words or performing any acts that cause physical injury, or threaten any individual, or interfere with any individual's rightful actions, and harassment. You are encouraged to read the Code of Student's Rights, Responsibilities, and Conduct for more information related to behaviors that could be considered disruptive.

Course Evaluations:

Student evaluations of teaching effectiveness are a requirement for all organized classes at UNT Dallas. This short survey will be made available to you at the end of the semester via your campus email, providing you a chance to comment on how this class is taught. I (as the instructor) will not have access to the results of the evaluations until after final grades have been posted. I am very interested in the feedback I get from students, as I work to continually improve my teaching. I consider students' evaluations to be an important part of your participation in this class.

Sexual Harassment, Sexual Misconduct, Intimate Partner Violence and Stalking

UNT Dallas is committed to creating a safe learning environment for all members of our community, free from gender and sex-based discrimination, including sexual harassment, domestic and dating violence, sexual assault, and stalking, in accordance with Title IX, Texas laws and University Policies. Please note that all employees are mandated reporters and must report all instances of sexual misconduct, dating violence, sexual assault, domestic violence and stalking to the Title IX Coordinator. If you or someone you know has experienced any form of sex or gender-based discrimination or violence and wish to speak to the Title IX Coordinator, you can email them at titleix@untDallas.edu or file a report [here](#).

Pregnancy, Pregnancy Related Conditions and Parenting Modifications Under Title IX

UNT Dallas is committed to compliance with Title IX, and to supporting the academic success of pregnant and parenting students and students with pregnancy related conditions. If you are a pregnant, have pregnant related conditions or a parenting student (child under one-year needs documented medical care) who wishes to request reasonable related modifications from the University under Title IX, please email the Title IX Coordinator at titleix@untDallas.edu. The Title IX Coordinator will work with your professors and academic unit to provide reasonable modifications needed to be supportive of your education while pregnant or as a parent under Title IX.

Bad Weather Policy:

Campus facilities will close, and operations will be suspended when adverse weather and/or safety hazards exist on the UNTD campus or if travel to the campus is deemed dangerous as the result of ice, sleet or snow. In the event of a campus closure, the Marketing and Communication Department will report closure information to all appropriate major media by 7 a.m. That department will also update the UNTD website, Facebook and Twitter with closing information as soon as it is possible. For more information, please refer to <http://www.untDallas.edu/police/resources/notifications>.

Inclement Weather and Online Classes:

Online classes may or may not be affected by campus closures due to inclement weather. Unless otherwise notified by your instructor via e-mail, online messaging, or online announcement, students should assume that assignments are due as scheduled.

Technology Assistance: To successfully access the materials in Canvas, UNT Dallas advises that your computer be equipped with the minimum system requirements listed on the first page of the syllabus.

If you have trouble accessing or using components of the course, try using Google Chrome browser. If you still experience technical difficulties, first, notify your instructor.

If the problem is still not resolved, either e-mail DigitalLearning@UNTDallas.edu or use the “Help” button in Canvas in the left/global navigation to live chat with support 24/7. Also, no matter what browser you use, always enable pop-ups.

For more information see:

- UNT Dallas Canvas Technical Requirements: <https://community.canvaslms.com/docs/DOC-10721>

Canvas Instructure Support & Unsupported Operating Systems:
<https://community.canvaslms.com/docs/DOC-10720>