

Biology 4092-Parasitology Laboratory Syllabus Fall 2025

| Week | Topic | Exercise Assignment |
|----------------|--|--|
| Wk1* 8/18 | Course information Laboratory safety. Microscope | Proper use of the microscope |
| Wk2* 8/25 | Nematodes | Identifying unknown fecal samples. Students will bring in soil samples for set up for next week! |
| Wk3* 9/1 | Nematodes | Ascaris dissection Identifying unknown fecal samples. |
| Wk4* 9/8 | Nematodes | Nematode soil collection Identifying unknown fecal samples. Review-- Please come in with questions for your TA to answer |
| Wk5 9/15 | Exam #1 | |
| Wk6* 9/22 | Cestodes | Identifying unknown fecal samples. |
| Wk7* 9/29 | Cestodes Trematodes | Identifying unknown fecal samples. |
| Wk8* 10/6 | Trematodes | Identifying unknown fecal samples. Review-- Please come in with questions for your TA to answer |
| Wk9 10/13 | Exam #2 | |
| Wk10* 10/20 | Protozoans | Identifying unknown fecal samples. |
| Wk11* 10/27 | Protozoans | Fecal smear-- Students will bring in scat samples. Please use proper precautions when handling wild animal fecal samples. Identifying unknown fecal samples. |
| Wk12* 11/3 | Protozoans | Identifying unknown fecal samples. Review-- Please come in with questions for your TA to answer |
| Wk13 11/10 | Exam #3 | |
| Wk14 11/17 | Oral make-up Exam via appointment with the TA-F2F. 2hrs only! | |
| Wk15 11/24 | Labs will not meet! | |
| Wk16 12/1 | TBD | |

*Participation grades are derived from participation in class.

Registrar's webpage: <https://registrar.unt.edu/registration/fall-academic-calendar.html>

LAB GRADE DETERMINATION

| | | | | |
|-------------------------|------------|---|---------|-----------|
| Practical Exams | 3 | @ | 50 pts | 150 (78%) |
| *In class Participation | 10 classes | @ | 4.2 pts | 42 (22%) |
| | | | Total= | 192 pts |

Canvas is not always accurate with the final grade determination. Please make sure that you calculate your grades according to the rubric. The rubric in the syllabus is what the lab goes with in terms of grades.

Grade distribution: There will be no curving of grades or rounding up of grades!

*Student conduct in class: F2F 4.2 pts—total for the criteria listed below.

- Student is on time on time for the lab □ Within 5 minutes from the start of the lab. (0.6pt)
- Participates in Lab activity. (2pts)
- Respond to questions or discussion to demonstrate understanding of the topic. (1pt)
- Volunteer relevant and interesting ideas during class discussion. (0.6pt)

| % grade | Letter grade | ~approx |
|----------|--------------|---------------|
| 100-90 | A | 172 and above |
| 89-80 | B | 153-171 |
| 79-70 | C | 134-152 |
| 69-60 | D | 115-133 |
| Below 60 | F | 114 and below |

COURSE INFORMATION

Parasitology BIOL 4092
Laboratory **F2F** in LSCA#318
Term Fall 2025

Instructional Laboratory Supervisor

Dr. Arland Alberts, LSCA349D, phone: 940-369-8683, aalberts@unt.edu

Dr. Wendy Pace, LSCA362, Wendy.Pace@unt.edu

Some ground rules for this course.

1. There are no make-up labs. We just do not have the capability for doing this.
2. **Absences** must be submitted to the Dean of Students.
3. **Any absence** note should be given within a week of the missed lab to the Dean of Students and the TA and Lab Supervisor notified. If a week has already passed, then it is a zero for the assignment/participation that was missed.
4. Scheduling your work time during a class time will not allow for a redo of any assignments/exams.
5. Do not ask to make-up a missed assignment/participation/exam without a confirmation from the Dean and the Lab Supervisor.
6. No extra credit will be given.

7. If you have a grade discrepancy when a grade is posted, you have only one week from the posting in which you can bring this up.
8. Issues with any grade discrepancy, must be done during TA office hours not during when the lab class is in session. Please make an appointment with the TA. The TA will only discuss the grade on an individual basis, not in a group.
9. As per university policy, to get an incomplete, you must be making a D or above as of the last day of your attendance.
10. If the TA suspects cheating and an investigation is opened and confirms it, then the student(s) will be reported to the Dean of Students and to the Academic Integrity office.
11. Disruptive behavior towards the TA or towards any laboratory member will result in a 1st warning given by the TA. If the behavior is continued, Campus security will be called and the student escorted out of the class. An accompanying report will be made to the Instructional Laboratory Supervisor, the Dean of Students and the Chair of the Biology Department.

Exams.

1. All exams will be closed book with no class notes or outside resources.
2. Exams will be taken in class and cover **all** concepts and topics that have been discussed in class as well as posted on canvas.
3. All electronic devices must be turned off.
4. **Please use the bathroom before the exam starts — you will not be allowed to use the bathroom during the exam.**
5. Cheating includes, but is not limited to, getting assistance from others, accessing the web, using electronic resources, or using notes during exam time. Cheating in this course will result in you receiving a zero for that grade opportunity and a note will be placed in your academic file. If caught cheating twice you will be permanently removed from this course and receive an 'F' grade for the course.
6. Exams will be given at the start of the class and will only be administered for the said time. If you are late you can take the exam, but you will not be given additional time. In other words, if the exam is **2 hrs** long and if you come in an hour late from the start of any exam, then you will only have 60 minutes to complete the exam.
7. If you come in for an exam late and students have already completed and left the exam, then you will not have a chance to sit for the exam.
8. For those students who have missed an exam, you will need to provide documentation for the reason missed **within a week of the exam to the Dean of Students**. Students then will have the opportunity to take the missed exam as an **Oral comprehensive make-up exam→2 hrs** only. The **Oral comprehensive make-up exam** will be administered on the designated week as per syllabus via appointment with the TA. If you are late you can take the exam, but you will not be given additional time. In other words, if you come in an hour late from the start of any exam, then you will only have the left-over time to complete the exam.
9. An Oral comprehensive exam will not be used to replace another exam grade—not a make-up exam.
10. Only one exam can be made up as the **Oral comprehensive make-up exam** with provided documentation from the Dean of students. If you have missed more than one exam, then you will get a zero for the other missed exam(s).
11. Once you are scheduled for the **Oral comprehensive make-up exam**, you only get one chance to reschedule in case of emergencies—documentation will need to be provided.
12. Oral comprehensive exams must be taken by reading day.
13. Once you have taken an exam, there will be no “do overs” of any exams.

Final Suggestion

- **Do not miss laboratory and please be on time for class. Delayed attendance, 5 minutes after class has started, will be considered late and will penalize your participation grade.**

Suggestion

Exam questions will come from notes. Review your laboratory notes after every laboratory. Your TA usually will ask for questions at the beginning of every laboratory. Come prepared with your questions. The laboratory is run in an informal manner, please relax and ask questions you might have as material is being presented.

Lab policies

It is the student responsibility to be aware of all University of North Texas policies and deadlines for dropping courses or withdrawing.

Lab Rules:

- No food or drink allowed in the lab.
- Students are responsible for leaving their workstations clean and orderly for the next lab section. Students should keep in accordance of observation of lab safety and cleanliness.
- The TA should NOT have to pick up after you.
- A student may leave the lab after completing all work and after checking out with his/her lab instructor.
- All cell phones must be turned off during class
- You will participate in class activities and discussions, but not dominate any discussion or activity, nor will you negatively impact your colleague's participation. Negative participation will be dealt with immediately and in private.
- You will be prepared to participate in class by having read the assigned readings, and completed any assigned tasks before the class meeting.
- Exams must be taken when scheduled.

Policy on Academic Misconduct:

Cheating will NOT be tolerated. Anyone caught cheating (all forms) will receive a grade of zero and the matter will be turned over to the Dean of Students.

Lab groups:

You will work in groups of 3-4. Groups will be assigned at the beginning of the course. All group members are expected to contribute equally to the lab work. It is the responsibility of group members to schedule out of lab work so that all members do their share of the work

Collaboration and Plagiarism:

During the semester you will be generating data as a group, but the actual production of lab reports or any other written work is to be an individual effort and not collaboration with anyone else. You will be risking possibly failing the course and a report of academic dishonesty on your record. The lab coordinator and lab instructors do note the style of writing,

it is usually obvious when someone is plagiarizing due to the change in the style of sentence structure.

The following is taken from the Policies Chapter under “Code of Student Conduct and Discipline.” UNT Undergraduate Catalog.

Academic dishonesty - Cheating

- The term ‘cheating’ includes, but is not limited to: Use of any unauthorized assistance in taking quizzes, tests, or examinations;
- Dependence upon the aid of sources beyond those authorized by the instructor in writing papers, preparing reports, solving problems, or carrying other assignments;
- The acquisition, without permission, of tests or other academic material belonging to a faculty or staff member of the university;
- Dual submission of a paper or project, or resubmission of a paper or project to a different class without express permission from the instructor(s); or
- Any other act designed to give a student an unfair advantage.

Academic dishonesty - Plagiarism

- The term ‘plagiarism’ includes, but is not limited to: The knowing or negligent use by paraphrase or direct quotation of the published or unpublished work of another person without full and clear acknowledgment; and
- The knowing or negligent unacknowledged use of materials prepared by another person or agency engaged in the selling of term papers or other academic materials.

Penalties for Academic Misconduct

- First offense: A “0” will be recorded as the score for that activity AND the final course grade reduced by one complete grade
- Second offense” Assignment of F (Fail) for the final course grade
- For grievous infractions such as, but not limited to, a systematic or collaborative event: An assignment of F (Fail) for the final course grade may be issued in the case of a first offense.

An example of a grievous 1st offense that will result in an “F” in the course would be turning in collections that you have stolen, borrowed, or otherwise not personally collected and try to pass them off as your work.

Policy on Disability Accommodations:

The Department of Biological Sciences, in cooperation with the Office of Disability Accommodations, complies with Section 504 the Americans with Disabilities Act in making reasonable accommodations for qualified students with disabilities. Please present your written request before the **12th class day** so that necessary arrangements may be made.

Biology Laboratory Procedures and Safety Rules:

Laboratory safety is the first and foremost concern in any laboratory. The following regulations need to be followed without exception.

IMPORTANT LABORATORY PROCEDURES

1. Make sure you know how to properly dispose of any chemicals used in lab.
2. Make sure all chemical containers are closed tightly after use.
3. Keep laboratory clean and organized.
4. Be familiar with experimental procedures you will be performing before coming to the laboratory.

SAFETY RULES

5. DO NOT EAT OR DRINK IN THE LAB! This includes chewing gum!! Smoking is prohibited in all UNT buildings.
6. Broken glassware must be disposed of in the glass disposal box located in the lab. This box is for glass only.
7. If you or another student is cut or injured in any way during the lab, you must inform the instructor immediately.
8. Bare feet are not permitted in lab. Wear closed toe shoes as protection against broken glass or spillage. It is encouraged to wear long pants and long-sleeved tops, or purchase of a lab coat.
9. Know where to find emergency equipment such as the eyewash, fire extinguisher, and first aid kit.
10. Report any conditions that appear hazardous to the instructor.
11. Do not bring children or pets to the lab. Unaccompanied children are not permitted on campus.
12. Pay attention to warnings in the lab manual or warning the instructors announces during the lab.
13. Turn instruments off when the laboratory is over.
14. Always wash your hands after completing your laboratory work. Do not apply cosmetics during lab.
15. Wipe down your table with ethanol or water before you leave.
16. Always think before you act.

Course Safety Statements:

Students are urged to use proper safety procedures and guidelines. While working in laboratory sessions, students are expected and required to identify and properly use safety guidelines in all activities requiring lifting, climbing, walking on slippery surfaces, using equipment and tools, handling chemical solutions and hot and cold products. Students should be aware that the University of North Texas is not liable for injuries incurred while students are participating in class activities. All students are encouraged to secure adequate insurance coverage in the event of accidental injury. Students who do not have insurance coverage should consider obtaining Student Health Insurance for this insurance program. Brochures for this insurance are available in the UNT Health and Wellness Center on campus. Students who are injured during class activities may seek medical attention at the UNT Health and Wellness Center at rates that are reduced compared to other medical facilities. If you have an insurance plan other than Student Health Insurance at UNT, please be sure that your plan covers treatment at this facility. If you choose not to go to the UNT Health and Wellness Center, you may be transported to an emergency room at a local hospital. You are responsible for all expenses incurred.

Academic Support & Student Services

Student Support Services

Mental Health

UNT provides mental health resources to students to help ensure there are numerous outlets to turn to that wholeheartedly care for and are there for students in need, regardless of the nature of an issue or its severity. Listed below are several resources on campus that can support your academic success and mental well-being:

- [Student Health and Wellness Center](https://studentaffairs.unt.edu/student-health-and-wellness-center) (<https://studentaffairs.unt.edu/student-health-and-wellness-center>)
- [Counseling and Testing Services](https://studentaffairs.unt.edu/counseling-and-testing-services) (<https://studentaffairs.unt.edu/counseling-and-testing-services>)
- [UNT Care Team](https://studentaffairs.unt.edu/care) (<https://studentaffairs.unt.edu/care>)
- [UNT Psychiatric Services](https://studentaffairs.unt.edu/student-health-and-wellness-center/services/psychiatry) (<https://studentaffairs.unt.edu/student-health-and-wellness-center/services/psychiatry>)
- [Individual Counseling](https://studentaffairs.unt.edu/counseling-and-testing-services/services/individual-counseling) (<https://studentaffairs.unt.edu/counseling-and-testing-services/services/individual-counseling>)

Additional Student Support Services

- [Registrar](https://registrar.unt.edu/registration) (<https://registrar.unt.edu/registration>)
- [Financial Aid](https://financialaid.unt.edu/) (<https://financialaid.unt.edu/>)
- [Student Legal Services](https://studentaffairs.unt.edu/student-legal-services) (<https://studentaffairs.unt.edu/student-legal-services>)
- [Career Center](https://studentaffairs.unt.edu/career-center) (<https://studentaffairs.unt.edu/career-center>)
- [Multicultural Center](https://edo.unt.edu/multicultural-center) (<https://edo.unt.edu/multicultural-center>)
- [Counseling and Testing Services](https://studentaffairs.unt.edu/counseling-and-testing-services) (<https://studentaffairs.unt.edu/counseling-and-testing-services>)
- [Pride Alliance](https://edo.unt.edu/pridealliance) (<https://edo.unt.edu/pridealliance>)
- [UNT Food Pantry](https://deanofstudents.unt.edu/resources/food-pantry) (<https://deanofstudents.unt.edu/resources/food-pantry>)

Academic Support Services

- [Academic Resource Center](https://clear.unt.edu/canvas/student-resources) (<https://clear.unt.edu/canvas/student-resources>)
- [Academic Success Center](https://success.unt.edu/asc) (<https://success.unt.edu/asc>)
- [UNT Libraries](https://library.unt.edu/) (<https://library.unt.edu/>)
- [Writing Lab](http://writingcenter.unt.edu/) (<http://writingcenter.unt.edu/>)