

Parasitology

Dr. Scott D. Snyder

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<http://avalon.unomaha.edu/parasite/>

Office Hours: 11:00-noon MTW, by appointment

I won't return phone messages, but I will talk if you reach me. I will always be willing to return an email message.

Lab schedule: 1-2:15, 2:30-3:50 MW (August 22 to October 10)

Class schedule: 1-2:15, 2:30-3:50 MW (October 10 to December 7)

Text and Materials: Roberts and Janovy. *Foundations of Parasitology*. 6th or 7th edition. An atlas or map of the world & a medical dictionary may come in handy but is not required.

Readings: The lecture topics are listed below. Be sure to read about a specific lecture topic before coming to class.

Attendance: I will not take attendance during lecture days and will not repeat lectures. I will not give out copies of my notes. I will take attendance in lab. A missed lab will result in a score of "0" for that day's lab participation grade. Consistent attendance and good note taking will put you well on your way to earning the grade you want. No make up quizzes or exams will be given.

Lecture: The lecture will focus on the parasites of humans that cause disease.

Lecture exams: The approximate dates of the lecture exams are provided in the schedule below. I reserve the right to change exam dates if necessary. Makeup exams will NOT be given. A missed exam will result in a score of zero for that exam.

Laboratory: The laboratory will be will focus on the parasites of animals collected from the field. Weather permitting, we will make weekly collecting trips to local habitats, collect potential hosts, and return them to the lab for identification and examination for parasitic infection. There will be several quizzes and an examination at the end of the semester over all materials collected as part of the lab. A student that misses all or part of more than one lab will receive a 0/70 for lab participation.

Weekend Field Trips: There will be two weekend field trips that will allow us to more thoroughly collect hosts and their parasites. You must attend at least one of these field trips or forfeit all 70 lab participation points.

Quizzes: Both unannounced and announced quizzes will be given in lecture and laboratory. There will be no make up quizzes given. Quizzes will be completed in a set period of time. All students will be required to hand in their quiz at the end of this period of time—don't be late to class!!

Student Presentation: Each student will be required to give a 20 to 30 minute lecture on any infectious agent except those parasites discussed in class and HIV. The lecture must incorporate a Power Point presentation. The presentation topic must be approved by Dr. Snyder no later than November 14. Students will be expected to answer questions from fellow students and from Dr. Snyder. Information from presentations will appear on the final exam.

Class cancellation: If the University cancels classes during the normal meeting time of Parasitology we will attempt to make up lost material during subsequent lectures. If the University cancels classes during the normal meeting time of Parasitology and a quiz or exam is scheduled, the quiz or exam will be given during the NEXT MEETING of the class. (e.g., If snow cancels an exam on a Monday you will take that exam during the next class period.)

Academic Misconduct: Cheating of any kind will not be tolerated. Any instance of cheating, plagiarism or other academic misconduct will result in a grade of “F” for the course. Academic misconduct may result in expulsion from the University. If you have any doubts about what constitutes academic misconduct please get clarification from Dr. Snyder or the Office of the Vice Chancellor for Student Affairs. The University of Nebraska at Omaha policy on academic misconduct can be viewed at the URL below. You are responsible for reading and understanding this information. http://www.unomaha.edu/~saffairs/student_code.htm#Policy

Course grade:

| Point Source | Possible Points |
|-------------------------------------|-----------------|
| Lecture Exams: 3 x 100 pts. each | 300 |
| Lecture Quizzes: 5 @ 10 pts. each | 50 |
| Laboratory Exams: 1 x 100 pts. each | 100 |
| Laboratory Quizzes: 5 x 15 | 75 |
| Laboratory Participation | 70 |
| Student Presentation | 100 |
| Email Assignment | 5 |
| TOTAL | 700 |

| Letter Grade | Minimum Percentage Needed |
|--------------|---------------------------|
| A+ | 98 |
| A | 93 |
| A- | 90 |
| B+ | 88 |
| B | 83 |
| B- | 80 |
| C+ | 78 |
| C | 73 |
| C- | 70 |
| D+ | 68 |
| D | 63 |
| D- | 60 |

Lecture and Lab Schedule

| Week | Dates | Lecture | Important Events |
|--------------|--|--|--|
| 1 | August 22 August 24 | Intro Lab | Lab Quiz |
| 2 | Aug. 29 & Aug. 31 | Lab | |
| 3 | September 5 September 7 Sept. 9-11 | LABOR DAY Lab Burchard Lake Field Trip | Lab Quiz |
| 4 | September 12 & 14 | Lab | Lab Quiz |
| 5 | September 19 & 21 September 24 | Lab Elkhorn River Field Trip | Lab Quiz |
| 6 | September 26 & 28 | Lab | Lab Quiz |
| 7 | October 3 & 5 | Lab | |
| 8 | October 10 October 12 | Amoebiasis, Areas of responsibility, Giardiasis, <i>Cryptosporidium</i> , Trichomoniasis | Lab Exam—October 10 |
| 9 | October 17 October 19 | FALL BREAK Trypanosomiasis | Lecture Quiz |
| 10 | October 24 October 26 | Leishmaniasis Malaria | Lecture Quiz |
| 11 | October 31 November 2 | Malaria, Liver flukes, Lung flukes | Exam 1 on Oct. 31-including Leishmaniasis |
| 12 | November 7 & 9 | Schistosomiasis | Lecture Quiz |
| 13 | November 14 & 16 | <i>Diphyllobothrium</i> , <i>Taenia</i> , <i>Echinococcus</i> , <i>Ascaris</i> , <i>Enterobius</i> | Lecture Quiz Student Presentation Topic due Nov. 14. |
| 14 | November 21 November 23 | Hookworms, Whipworms, Filarial worms THANKSGIVING | Exam 2 on Nov. 21— including <i>Echinococcus</i> |
| 15 | November 28 November 30 | Guinea worms, Arthropoda and other phyla Student Presentations | Lecture Quiz |
| 16 | December 5-7 | Student Presentations | |
| FINAL | Wednesday, December 14. 1-3 pm | Final Exam | |

Accommodations are provided for students with verified disabilities. For more information contact Services for Students with disabilities (SSd) in EAB 117 or 554-2872, TTY 554-3799.