

**BIO 361 Parasitology
Spring 2019
Mondays 2:45 pm – 4:25 pm Payson-Smith Room 209**

Dr. Tyler Schleicher

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Office: 106C Science Building

Office hours: Thursdays 11am-1pm or by appointment

Course Objectives

This course is designed to give you an understanding of the diversity, structure, and function of human parasites.

Course Materials

Text

Foundations of Parasitology, by Larry Roberts and John Janovy, Jr. and Steve Nadler, 9th edition, 2018 (ISBN: 9780073524191). The textbook is strongly recommended and readings will be assigned.

Blackboard

Blackboard will be used as our course website. I will post the syllabus, handouts, announcements, lecture slides, supplemental reading, exam grades, etc. It is your responsibility to check this website regularly and locate information for classes that you may have missed.

Attendance policy

You should attend all lectures. I may cover additional material not in the textbook, so you will miss information if you do not attend class. Any additional material we cover in class or that I provide on Blackboard may be included in the exams.

Inclement weather

From time to time USM will close the University due to inclement weather. When the cancellation is for an entire day, the class content will be made up at another time or through additional, outside of class, assignments. When the school opens late or closes early, and the time selected is during the middle of class, we will still hold the class unless you are otherwise notified by me.

Grading Criteria

Exams (2)	60%
Quizzes (3)	15%
Mini review	25%

Exams

There will be two exams including the final exam, each including both multiple-choice and short answer questions. The final exam will be worth the highest percentage of your grade. (Exam 1 = 20%, Exam 2 = 40%)

Make a note of the exam dates because make-up exams will only be offered in cases where extreme, justifiable excuses can be provided. You must contact me before or during the exam to have the option for a make-up exam. **If you fail to get in touch with me before or during the exam, then you may NOT take a make-up exam.**

Past students have found it very useful to study by drawing, teaching each other, making concept maps, and other creative methods. Simply making flashcards and/or reading the book/notes is may not be the best way to study for this class for you! I am more than happy to meet with you to guide you towards the best study techniques.

Quizzes

There will be three quizzes, each given at the beginning of class on the dates noted in the schedule below. Each quiz will cover material we have discussed since the previous quiz or exam. These are designed to help you stay on top of the material and to assess your level of understanding between exams.

Make every effort to be in class on these days to take the quizzes. If there is a justifiable reason why you will miss a quiz, then you must let me know either before or during (via email) the quiz in order to have the option to take a make-up quiz. **If you fail to get in touch with me either before or during the quiz, then you may NOT take a make-up quiz.**

Mini review project

You will choose one parasite and write a mini-review article on a specific aspect of the parasite (biology, therapeutics). For this assignment you will survey several recent primary journal articles pertaining to the human parasitic disease you chose. After your research, you will summarize those articles in regards to the current understanding of that topic for the parasite you chose. More specific details will be provided.

Classroom citizenship

Non-educational activities -- including texting, chatting, web surfing, and game-playing – on your electronic device during class are distracting to your neighbors and consequently have a negative effect on the class as a whole. Therefore, use of devices for anything other than class-related activities will not be permitted. Likewise, anyone who is being particularly disruptive may be asked to leave the class.

It is important to be civil and respectful of your classmates, whether speaking to the class, working in groups, or talking to your neighbor. Anything less will not be tolerated.

Academic Integrity

You are expected to understand and follow the guidelines laid out by the Student Academic Integrity Policy for the University of Southern Maine. **Cheating during quizzes and exams (this includes deliberately providing answers to another student) is unacceptable and will be dealt with appropriately.** In addition, any evidence of plagiarism on the writing assignment will not be tolerated. If you have any questions about what constitutes cheating or plagiarism, please review the university policies or come talk to me. Here is a link to the university policy: <https://usm.maine.edu/community-standards-mediation/academic-integrity>

University Policies and Resources

Disability accommodations

The university is committed to providing students with documented disabilities equal access to all university programs and services. If you think you have a disability and would like to request accommodations, you must register with the Disability Services Center. Timely notification is essential. The Disability Services Center can be reached by calling 207-780-4706 or by email dscusm@maine.edu. If you have already received a faculty accommodation letter from the Disability Services Center, please provide me with that information as soon as possible. Please make a private appointment so that we can review your accommodations.

Tutoring and writing assistance

Tutoring at USM is for *all* students, not just those who are struggling. Tutoring provides active feedback and practice, and is available for writing, math, and many more subjects. Walk-in tutoring is available at the Glickman Library in Portland, the Gorham Library, and the LAC Writing Center. For best service, we recommend making an appointment at <https://usm.maine.edu/learningcommons/schedule-tutoring-appointment>. Questions about tutoring should be directed to Naamah Jarnot at 207-780-4554. If you are interested in becoming a more effective, efficient learner, check out <https://usm.maine.edu/agile!>

Counseling

Counseling is available at USM. The best way to schedule an appointment is by phone at 207-780-5411. More information is available at <https://usm.maine.edu/uhcs>.

Nondiscrimination policy

The University of Southern Maine is an EEO/AA employer, and does not discriminate on the grounds of race, color, religion, sex, sexual orientation, transgender status, gender expression, national origin, citizenship status, age, disability, genetic information or veteran's status in employment, education, and all other programs and activities. The following person has been designated to handle inquiries regarding non-discrimination policies: Sarah E. Harebo, Director of Equal Opportunity, 101 North Stevens Hall, University of Maine, Orono, ME 04469-5754, 207-581-1226, TTY 711 (Maine Relay System).

Statement on religious observance for USM students

Absence for Religious Holy Days: The University of Southern Maine respects the religious beliefs of all members of the community, affirms their rights to observe significant religious holy days, and will make reasonable accommodations, upon request, for such observances. If a student's religious observance is in conflict with the academic experience, they should inform their instructor(s) of the class or other school functions that will be affected. It is the student's responsibility to make the necessary arrangements mutually agreed upon with the instructor(s).

Title IX statement

The University of Southern Maine is committed to making our campuses safer places for students. Because of this commitment, and our federal obligations, faculty and other employees are considered mandated reporters when it comes to experiences of interpersonal violence (sexual assault, sexual harassment, dating or domestic violence, and stalking). Disclosures of interpersonal violence must be passed along to the University's Deputy Title IX Coordinator who can help provide support and academic remedies for students who have been impacted. More information can be found online at <http://usm.maine.edu/campus-safety-project> or by contacting Sarah E. Holmes at sarah.e.holmes1@maine.edu or 207-780-5767.

If students want to speak with someone confidentially, the following resources are available on and off campus: University Counseling Services (207-780-4050); 24 Hour Sexual Assault Hotline (1-800-871-7741); 24 Hour Domestic Violence Hotline (1-866-834-4357).

Tentative Schedule

Date	Topic	Chapters
1/28	Mo Introduction, Host-parasite interactions	1-3
2/4	Mo Visceral protists I	4,6
2/11	Mo Review Parasite and Topic Due ; Visceral protists II	7
2/18	Mo No Class- President's Day	
2/25	Mo Quiz 1 ; Blood and tissue protists I	5, 8
3/4	Mo Blood and tissue protists II	9
3/11	Mo Midterm Exam ; Trematodes I	13,15
3/18	Mo No Class- Spring Break	
3/25	Mo Trematodes II	16
4/1	Mo Quiz 2 ; Tapeworms I	20
4/8	Mo Tapeworms II	21
4/15	Mo Mini-review due ; Nematodes I	22, 25
4/22	Mo Quiz 3 ; Nematodes II	29
4/29	Mo Parasitic arthropods	36, 39, 41
5/8	We FINAL EXAM 1:30 pm – 3:30 pm	Cumulative