

Days: Tuesday, Thursday

Time: 12:30 am - 1:45 pm

Location: Albertson 201, or Zoom <https://uidaho.zoom.us/j/99234993945>

Instructor: Tanya Miura, Ph.D.
Office: Life Science South, Rm. 146
[Email: tmiura@uidaho.edu](mailto:tmiura@uidaho.edu)

Required Text: Schaechter's Mechanisms of Microbial Disease
N. Cary Engleberg, Victor DiRita and Terence S. Dermody
Fifth Edition, 2013

Lecture schedule and slides, supplemental reading, and information about in-class movies on BbLearn

Learning Outcomes:

In accordance with *UI Learning Outcomes*, it is expected that students will:

Learn & Integrate: Students will apply their previous knowledge of microbiology to gain an understanding of pathogenic microorganisms and how they cause disease.

Think & Create: Students will be expected to apply the concepts and approaches learned in this course to solve future academic and professional problems.

Communicate: Students will be expected to effectively communicate the concepts learned in this course using the terminology of microbiology and immunology.

Clarify Purpose & Perspective: It is expected that all students will gain insight into how pathogenic microorganisms, including bacteria and viruses cause disease, the characteristics of diseases, and how infections by these microorganisms can be prevented or treated.

Practice Citizenship: It is expected that students will be able to share their knowledge of pathogenic microbiology with others in a manner that provides accurate information about infectious diseases and their impact on society.

Grading:

Grades will be based on 6 take-home exams and 4 movie question sets. and assignments.

Notify me immediately if you will not be able to make a due date (see Movies and Exams pages).

You may lose points for late exams and assignments

Exams will be available on BbLearn at least 2 days prior to the due date. Students will complete the exam questions and upload them in BbLearn by the due date. These are NOT group activities and will be rigorously checked for plagiarism and similarity with other students' answers. There will be 6 exams worth 20 points each (75% of total grade).

Movie question sets will be based on movies that will be scheduled for specific class periods.

Students will watch the movie using a provided link, questions will be available on BbLearn when the movie is scheduled, and students will answer the questions and upload them in BbLearn by the due date. These are NOT group activities and will be rigorously checked for plagiarism and similarity with other students' answers. There will be 4 movies worth 10 points each (25% of total grade).

Final grades will be determined based on the percentage of points a student has earned.

A = 90%-100% (144-160 points)

B = 80%-89% (128-143 points)

C = 70%-79% (112-127 points)

D = 60%-69% (96-111 points)

F = 0%-59% (0-95 points)

See Classroom protocols in relation to COVID-19 on BbLearn site

In short, maintain social distancing, facial coverings must be worn through the entire class period and must cover nose and mouth, if you have any disease symptoms or have tested positive, attend class on zoom.

Academic Dishonesty:

Cheating or Plagiarism will result in an automatic zero for that exam or assignment.

If you are caught cheating on an exam, you will not be able to drop that exam score (0).

All parties involved in the act of cheating or plagiarism will be penalized. **(Protect your work!)**

Cheating= acquisition of answers to exam questions or assigned materials in a dishonest manner.

Plagiarism= sources (including internet) without citation, including copying **or paraphrasing with slight change of wording.**

Center for Disability Access and Resources

Reasonable accommodations are available for students who have documented temporary or permanent disabilities. All accommodations must be approved through CDAR located in the Bruce Pitman Center basement. Email: cdar@uidaho.edu

Phone: 208-885-6307

Tutoring and College Success (TCS)

TCS offers three distinct services dedicated to student success: tutoring, SI-PASS, and Academic Coaching.

Vandal Tutoring provides drop-in style tutoring in person at the Library or online through www.uidaho.edu/tutoringonline at no cost to undergraduates. SI-PASS provides peer assisted study sessions for difficult courses. You can find the schedule of currently supported courses at uidaho.edu/si. Academic Coaching offers students an opportunity to work with a coach, one on one, to improve their academic skills such as: effective studying, test taking, time management, and note taking. Visit uidaho.edu/academic-coaching to schedule an appointment.

University of Idaho Classroom Learning Civility Clause:

In any learning environment, it is essential that all members feel as free and safe as possible in their participation. To this end, it is expected that everyone in this course will be treated with mutual respect and civility, with an understanding that all of us (students, professor, guests) will be respectful and civil to one another in discussion, in action, in teaching, and in learning.

If you feel that our classroom interactions do not reflect an environment of civility and respect, you are encouraged to meet with Dr. Miura to discuss your concerns. Additional resources for expression of concern or requesting support include the Dean of Students office staff (5-6757), the UI Counseling & Testing Center confidential services (5-6716), or the UI Office of Human Rights, Access, & Inclusion (5-4285).

University of Idaho is committed to creating a safe learning environment for all students. Consistent with this, UI policy and Title IX prohibit sexual misconduct, which includes sex or gender based harassment, sexual

assault, intimate partner violence, stalking, and retaliation. If you have experienced any form of sexual misconduct, know that help and support are available. Please be aware that all University of Idaho employees are mandatory reporters and are required to report any information they receive about sexual misconduct to the university's Title IX Coordinator within 24 hours (Idaho State Board Policy, Section I, I.T.).

Visit <http://www.uidaho.edu/ocri/title-nine/resources> to learn more about which resources on campus and within our community are confidential.

If you would like to report an incident, you may do so anonymously by visiting www.uidaho.edu/vandalcare or you can directly contact the Office of Civil Rights and Investigations at 208-885-4285 or ocri@uidaho.edu.

Date	Day	Topic
25-Aug	Tu	Course Intro/1. The Pathogens
27-Aug	Th	1. The Pathogens
1-Sep	Tu	1. The Pathogens/2. The Host
3-Sep	Th	2. The Host
8-Sep	Tu	2. The Host
10-Sep	Th	3. SARS-CoV-2 & COVID-19
15-Sep	Tu	MOVIE (no in-person or zoom class)
17-Sep	Th	4. Vaccine-preventable diseases
22-Sep	Tu	4. Vaccine-Preventable Diseases
24-Sep	Th	4. Vaccine-Preventable Diseases
29-Sep	Tu	Renfrew Colloquium: COVID19 Vaccines
1-Oct	Th	5. Other Respiratory Pathogens
6-Oct	Tu	5. Other Respiratory Pathogens
8-Oct	Th	6. Antibiotic Resistance
13-Oct	Tu	MOVIE (no in-person or zoom class)
15-Oct	Th	6. Antibiotic Resistance
20-Oct	Tu	6. Antibiotic Resistance
22-Oct	Th	6. Antibiotic Resistance
27-Oct	Tu	7. Toxin-Mediated Diseases
29-Oct	Th	7. Toxin-Mediated Diseases
3-Nov	Tu	7. Toxin-mediated diseases
5-Nov	Th	7. Toxin-mediated diseases
10-Nov	Tu	8. HIV/AIDS
12-Nov	Th	8. HIV/AIDS
17-Nov	Tu	9. Arboviruses
19-Nov	Th	9. Arboviruses
24-Nov	Tu	No Class: FALL RECESS
26-Nov	Th	No Class: FALL RECESS

1-Dec Tu MOVIE (no in-person or zoom class)
3-Dec Th 10. Ebola

8-Dec Tu Review
10-Dec Th MOVIE (no in-person or zoom class)

Exam Schedule

Exam	Material	Date Available	Date Due
1	1-2	Tues, Sept 8, 2:00pm	Thurs, Sept 10, 12:30pm
2	3-4	Tues, Sept 29, 2:00pm	Thurs, Oct 1, 12:30pm
3	5-6	Thurs, Oct 22, 2:00pm	Tues, Oct 27, 12:30pm
4	7	Thurs, Nov 5, 2:00pm	Tues, Nov 10, 12:30pm
5	8-9	Thurs, Nov 19, 2:00pm	Tues, Dec 1, 12:30pm
Final	All	Tues, Dec 8, 2:00pm	Tues, Dec 15, 12:30pm

Movie Schedule

cheduled Movie

Tuesday, S RX for Survival: Disease Warriors
Tuesday, OTBD: Antibiotic Resistance
Tuesday, D Mosquito
Thursday, [TBD

Questions Due Date

Thursday, Sept. 17, 12:30pm
Thursday, Oct. 15, 12:30pm
Thursday, Dec. 3, 12:30pm
Tuesday, Dec. 15, 10:15am