

MICR N5233 - ***Microbes and Infectious Disease - 2023***

Spring 2023: January 10, 2023 – May 2, 2023

Tuesdays, 2:00 PM – 4: 50 PM

Lectures will be delivered in-person and over Zoom. Students are encouraged to attend in-person but may attend from a remote location via Zoom. Lectures will be recorded and made available for review by students.

Classroom Location: Medical Science Building, B552 (Lecture Hall)

Course Description

The course will cover general concepts and specific examples of the interactions between pathogenic microbes, including bacteria, fungi, parasites and animal viruses, and their human host. Particular attention will be directed to the molecular description of microbial virulence factors and host defenses.

The course consists of lectures, short film clips, and in-class discussions prior to each lecture.

Student Evaluation and Grades:

Students will be evaluated through three exams via ExamSoft. For Spring 2023, The exams will be in-person in MSB B552. Remote exam option may be available on an individual basis by prior arrangement.

Exam 1 - 33.3%

Exam 2 - 33.3%

Exam 3 - 33.4%

Letter grades will be determined according to the following rubric:

A (>90); B+ (>80); B (>70); C+ (>62.5); C (>55); F (<55)

Exams will be in the form of multiple-choice questions and will be based on the content of the slides (posted on Canvas at the beginning of the course) and the lecture. Although there is a suggested text, it is meant to augment understanding rather than provide new content for the exam.

Suggested Text:

Lippincott's Illustrated Reviews: Microbiology, 4th Edition. Eds. Cynthia Nau Cornelissen Ph.D., Marcia Metzgar Hobbs PhD, 2019.

Course Instructor:

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