## Course

**Name**: BioMI 1100: The Microbiology of College Life

### Instructor

**Name**: Kathleen Hefferon

**Email**: Klh22@cornell.edu

**Office**: Wing Hall 106

### Office hours

#### Instructor

**Day**: Mondays

**Time**: 4-5pm

**Location**: Rm 106 Wing Hall or on Zoom

#### TAs

**Name**: Ana Maria Fernandez Galliano

**Email**: Amf289@cornell.edu

**Office hours**: Mondays 2-3pm Rm 267 Weill Hall

**Name**: Kevin Andrew England

**Email**: Kae83@cornell.edu

**Office hours**: Thursdays 2-3pm Rm 401 Wing Hall

**Name**: Upasana Basu

**Email**: Ub39@cornell.edu

**Office hours**: Wednesdays 2-3pm Rm 267 Weill Hall

### Lectures

#### Days

Monday

Wednesday

Friday

**Time**: 12:20 - 1:10pm

**Location**: Uris Hall G01

**Textbook**: Stearns et al. ‘Microbiology for Dummies’

**Course description**: Microbial habitats are literally everywhere on a college campus. This class explores microbiology and microbial ecology as it relates to the college campus environment.

### Learning objectives

Demonstrate understanding of core microbiology concepts.

Recognize differences between pathogens, opportunists, and non-pathogenic microorganisms.

Describe how microorganisms facilitate major biogeochemical cycles.

Apply the scientific method and use objective observation.

Explain fundamental concepts of microbiology in written and oral formats.

### Grading

**Midterm 1**: 10%

**Midterm 2**: 10%

**Final exam**: 25%

**Attendance participation**: 25%

**Homework assignments**: 20% on Canvas

**Wikipedia assignment**: 10%

### Modules

**Title**: Introduction

#### Lectures

**Date**: Mon Jan 22

**Title**: Welcome and Overview

**Date**: Wed Jan 24

**Title**: Zits and Dandruff

**Date**: Fri Jan 26

**Title**: Critical Thinking online minicourse

**Title**: The Microbiology of Growing Up

#### Lectures

**Date**: Mon Jan 29

**Title**: Head lice

**Date**: Wed Jan 31

**Title**: Dental plaque and bad breath!

**Date**: Fri Feb 2

**Title**: How to read a science paper, bacterial diversity

### Exams

#### Midterm 1

**Date**: Wed Feb 21

**Activity**: No Activity!

#### Midterm 2

**Date**: Wed Mar 27

**Activity**: No Activity!

#### Final exam

**Date**: TBA

### Assignments

**Homework**: Each week during lecture, the instructor will assign multiple choice/short answer questions on Canvas.

**Wikipedia**: There will be one short written assignment (Wikipedia), which can be performed as a group or individually.

**Late work policy**: Students are strongly encouraged to ensure on-time submission of assignments. Late submissions are penalized.

**Attendance policy**: Attendance is highly recommended. You may miss a total of 2 discussion periods without penalty.

**Integrity policy**: Sharing of materials from previous years is not permitted. Work presented in other courses is not acceptable.

**Mental health support**: The instructors, teaching assistants, and the university care about your wellbeing. Seek support if needed.