

BIOL 4801L - Environmental Microbiology Laboratory

Fall 2026 Syllabus, Section 01, CRN 41657,

Credit hours: 0

Instructor

Carl Johnston

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Public Instructor Information

Instructor Title: Professor

Instructor Professional Qualifications: Ph.D.

Instructor Office Location: Ward Beecher 4006

Instructor Office Phone: 330-941 3600

Course Description

4801L. Environmental Microbiology Laboratory. Environmental Microbiology Laboratory. 0 s.h.

THIS AN AGILE-HYBRID CLASS. Which means: During portions of the semester students are responsible to learn material posted in Blackboard on their own. Students can email cgjohnston@ysu.edu with any questions or to request an appointment to clarify the material.

Course Readings

Group	Title	Author	ISBN
Optional	Microbiology	Brokers	

1) Textbook not required, however you should read/review relevant sections in any microbiology textbook.

2) You must read scientific articles, videos, and/or lecture topics as assigned and/or posted in Blackboard.

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Field work and lab sessions will be held interchangeable with lecture time. Read announcements in Blackboard weekly

Week of	Reading(s)	Proposed Topic	Due/To Prepare for Class
8/24	n.a. First meet to go over course		Meet in class
9/14	First lab session		
9/21	TBD		
9/28	TBD		
10/5	TBD		
10/12	Techniques in laboratory		Meet at the lab
10/19	Independent Research		Meet for experimental design
11/30	Lab Test		
12/7	NO finals , no more lab sessions		

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.