

Frequently Asked Questions: BIO 266 Allied Health Microbiology Laboratory

What is BIO 266?

BIO 266 is a new 3 credit Microbiology lab course offered through Undergraduate Biology this winter.

BIO 266: Allied Health Microbiology Laboratory

This course will include lectures, laboratory recitations, and laboratory sessions focused on fundamental clinical Microbiology techniques. The lectures will cover Bacteria, Viruses, Helminths, and medically important Protozoans. In the laboratory, students will learn basic and applied clinical microbiology methods, including microscopy; staining and quantitative analysis of bacteria; analysis of throat and urine cultures; and determination of sensitivity to various antimicrobial agents. Priority for this course will be given to allied health, pre-nursing, and pre-veterinary students. May not be used for credit towards the Biology major. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

Prerequisite: BIO 202; BIO 205 or BIO 207 with a grade of C or better

Pre- or Corequisite: BIO 315

3 credits

Who should take this course?

Students who are pre-health (pre-nursing, pre-pa, pre-veterinary, and other pre-health programs who require this course as a pre-requisite) and have taken a microbiology lecture course previously or are currently enrolled in BIO 315: Microbiology.

Does this course satisfy my pre-requisite for Microbiology Lecture and Lab?

No. BIO 266 alone satisfies only the lab component of your pre-requisite.

Does this course count toward the Biology major or minor?

No. BIO 266 is not for Biology major or minor credit.

What are some alternative options for registering for BIO 266?

An alternative to taking BIO 266 would be taking a 4-credit Microbiology with lab (which satisfies the lecture and lab requirement) at another accredited institution, for example Suffolk, Nassau, Farmingdale, CUNY, etc.. Another option, especially for Biology majors and minors, would be to take BIO 366 during the academic year:

BIO 366: Molecular Microbiology Laboratory

This course will include both lectures as well laboratory sessions focused on conventional and contemporary Molecular Microbiological techniques. The lectures will cover a variety of microorganisms; Bacteria, Fungi, Viruses, and Protozoans based on textbook readings and current research articles. In the laboratory, students will learn fundamental and applied microbiological methods, biochemical and DNA profiling of microorganisms, and the molecular basis of physiological processes used for the identification of unknown bacteria. This course will serve as an upper-division elective for BIO majors. The course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

Prerequisite: BIO 202; C or higher in BIO 205 or 207; C or higher in BIO 315 or HBM 320

4 credits

For other inquiries about whether this course is appropriate for you please contact:

Pre-Professional Advising

Advisors: Kelly Haller or Lakshmi

Ramsoondar-Ahmad

Email: prehealth@stonybrook.edu

Phone: (631) 632-7080

OR

Undergraduate Biology Advisors

Nicole Zinerco - Nicole.Zinerco@stonybrook.edu

Kira Schultheiss - Kira.Schultheiss@stonybrook.edu