



Mrs. Linda Henry Biology

Room 201 • 2020-2021

814-926-4688 Ext. 2201

Biography

B.S. In Biology with General Science

Slippery Rock University

Taught at North Hills HS and Somerset
Junior High, 35 yrs. At Rockwood.



biology

/bʌɪˈɒlədʒi/

(noun)

the study of living organisms, divided into many specialized fields that cover their morphology, physiology, anatomy, behaviour, origin, and distribution.

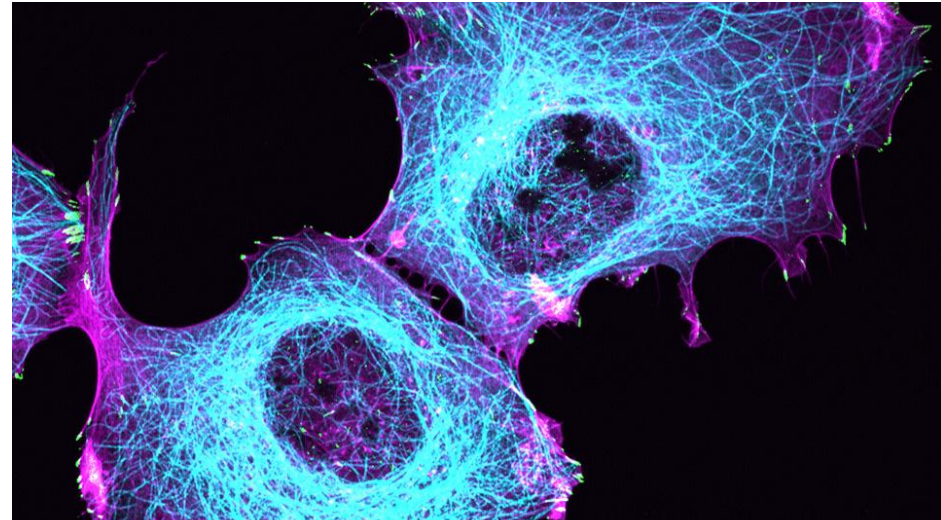
Courses Taught:

9th grade Biology and Bio laboratory

Intro. To Human Biology/ Microbiology

Introduction to Forensic Science

Advanced Biology



9th Grade
Academic
Biology
1.5 credits
(includes bio lab)



The goal of this course is to provide a general overview of major biological topics, provide opportunities for laboratory investigations, and expose students to current advances in biology, agriculture, industry and medicine.

This course is designed to give students a solid background in biology. The PA Biology Keystone will be given to these students during the month of May. The course covers: Cells, Biomolecules, Energy, Genetics, Ecology, Evolution and Classification.

The Goal of Academic Biology and Biology laboratory

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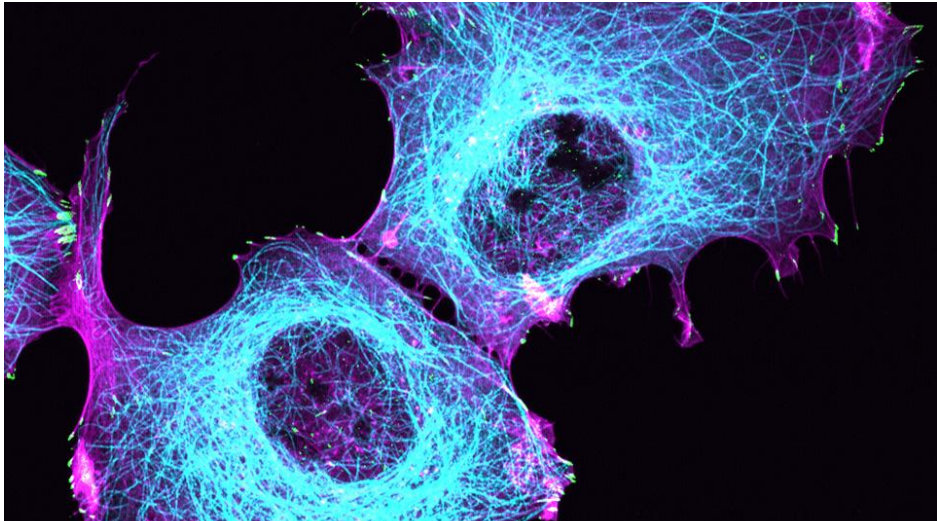
[Class Rules](#)

[My Grading Policy, Biology Guidelines](#)

[Google Classroom Guide](#)

[Biology Lab Course Requirements](#)

[Lab Safety Guidelines](#)



Human Biology

Juniors and Seniors
.5 credit 1 semester
Introduction to Anatomy and
Physiology



Anatomy...from the Greek word *anatome*, "dissection", is a branch of natural science dealing with the structural organization of living things. As one of the basic life sciences, anatomy is closely related to medicine and to other branches of biology.

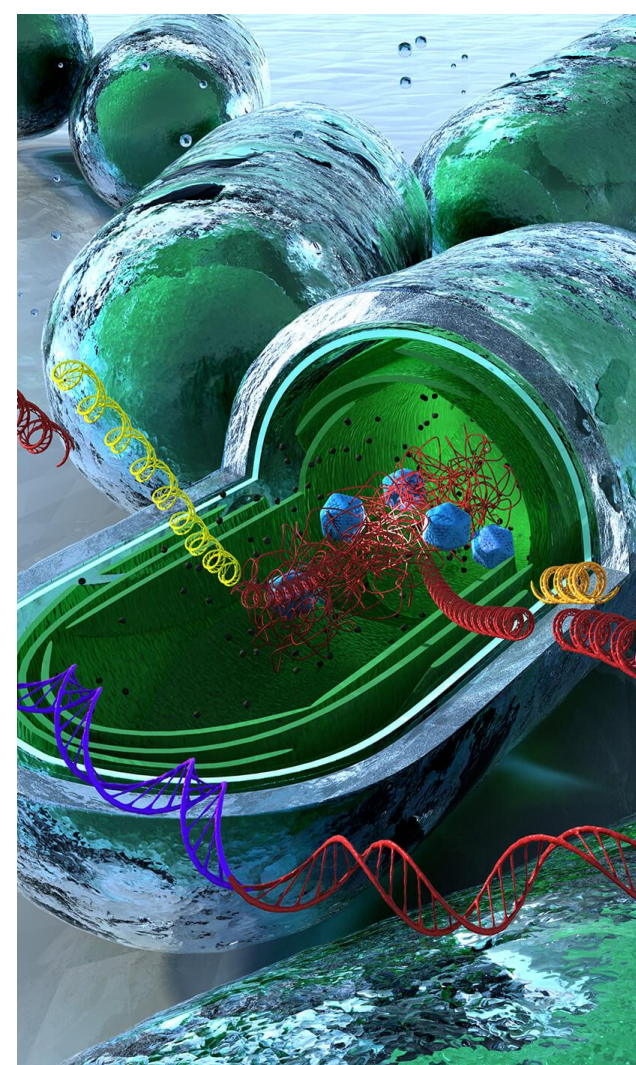
This course is meant to compliment a high school level biology class. It contains worksheets, images, study guides and practice quizzes to support a rich curriculum in anatomy and physiology and prepare students for the health field. Link to

syllabus: [Human Biology](#)





Microbiology .5 credit, 1 semester
Juniors and Seniors



This course covers principles of microbiology with emphasis on microorganisms and human disease. Topics include an overview of microbiology and aspects of medical microbiology, identification and control of pathogens, disease transmission, host resistance, and immunity.

Upon completion, students should be able to demonstrate knowledge of microorganisms and the disease process as well as aseptic and sterile techniques. Link to class

outline: [Microbiology](#)



Introduction To Forensic Science

.5 credits

B days — Juniors and Seniors

[Syllabus and](#)
[Course](#)
[Requirements](#)



Forensic Science

Forensic Science focuses on the skills and concepts behind physical aspects of crime scene investigation and forensic science. Whether students desire to be crime scene investigator, forensic pathologist, or some other medical scientist, this course will help them hone their investigative skills and review a wide range of science concepts. Students will review physics, chemistry, anatomy, cell biology, environmental science and computer science in the process of learning about forensic science.



This course includes a broad series of lessons and activities that offer a variety of modalities for ultimate student engagement and content retention. Each unit contains a series of lessons that include introduction of content, virtual demonstration of that content, and repeated opportunity to practice that content, along with a quiz per lesson, exam per unit, and final exam at the end of the course.

Topics Include:

- The Law
- Crime Scenes and Evidence
- Cause, Manner and Mechanism of Death
- Trace Evidence
- Fiber and Hair
- Fingerprints
- DNA
- Toxicology
- Blood and Blood spatter
- Forensic Anthropology

