

BIOMEDICAL SCIENCES PATHWAY FOR STUDENTS

Louisiana State University

INTRODUCTION

The LSU Biomedical Sciences Pathway began in 2019 with the goal of increasing the number of students taking high quality LSU STEM courses from LSU-trained and supported teachers. This pathway provides students with computational thinking skills, strong foundational understanding of biological science, effective strategies for professional communication, and experience working in a field of biomedicine

COURSES

9th Grade

- Introduction to Biomedical Sciences
- Introduction to Computational Thinking

10th Grade

- Forensic Science
- Comparative Anatomy and Physiology

11th/12th Grade

- Biomedical Capstone
OR
- Data Manipulation and Analysis

As well as various opportunities for dual enrollment or AP credit in college courses

WHY DO THIS PATHWAY?

Learn about the many career options available to you in the biomedical field with project-based courses

Learn crucial science literacy skills to maximize your understanding of emerging and groundbreaking scientific research

Gain strong application enhancers through experiential learning in a professional biomedical setting

No stressful, high stakes-testing

Earn life-saving skills and certification like CPR (select courses only)

Earn college science credits (select courses only)