

# BIOMEDICAL SCIENCES PATHWAY FOR STUDENTS

Louisiana State University

LSU

## 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

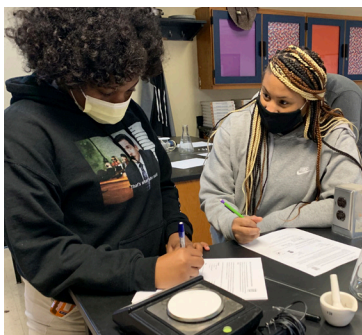
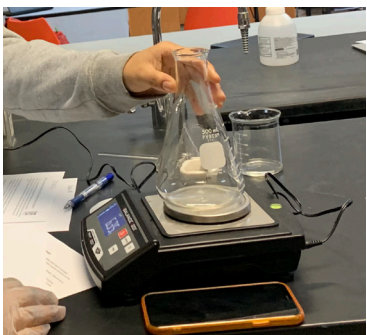
### 10th Grade

- 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

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

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

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No stressful, high-stakes testing

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

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Earn college science credits (select courses only)