

LOUISIANA STATE UNIVERSITY

Middle School Cohort for the STEM Pathways



INTRODUCTION

Middle School Cohort/ LSU STEM Pathways

We are excited to announce the addition of the middle school cohort for the LSU STEM Pathways Institute. First piloted in 2018-2019, this cohort brings challenging and rigorous classes into the K-12 setting that are project-based and standards-oriented. Designed to encourage exploration of the LSU STEM Pathways as well as provide early entrance to the Pathway—and increase completion rate, the cohort has grown from 2 parishes at its onset in 2018 to 8 parishes in 2020 and is set to begin roll out into the rest of the state in 2021-2022 and beyond.

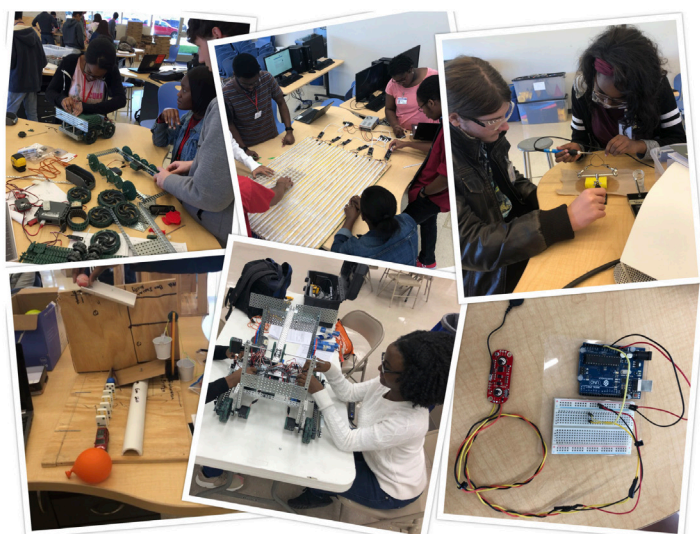
CURRENT COURSE OFFERINGS 7th-8th Grades

7th/8th Grade

- Introduction to STEM Pathways and Careers (1 year course)

8th Grade Only

- Survey of Computer Science (1 year course)



Why choose The Middle School Cohort for LSU STEM Pathways?

Silver if Gold STEM Endorsement

Help students enhance their diplomas with Silver or Gold STEM Endorsement Seals for completed STEM Pathways Programs. To learn more, visit: www.louisianabelieves.com and search for “STEM”.

High School Credit Courses

Students receive High School Credit for successful completion of each yearlong STEM Pathways course during middle school. This allows students to complete high school requirements early and provides the opportunity for early college credit, resulting in monetary savings for families. High school credit courses also improve the Yearly Performance Scores for participating middle schools.

Meets Jumpstart 2.0 Requirements

Intro To STEM Pathways and Careers counts as a “universal course” and fulfills the basic career readiness requirement for the JUMPSTART 2.0 Universal Courses and Graduation Pathways. The Survey of Computer Science course also fulfills specific pathway requirements in Jumpstart 2.0

Increased Student Interest and Participation

Students have increased interest and participation in STEM related classes as they engage in project-based learning activities and master skills. The classes also allow for exploration of various career paths so students can make informed decisions for graduation.

Certification Opportunities

Teachers can earn certifications and participate in grant opportunities based upon the classes they teach. Summer Institutes for teachers provide training and other opportunities for career advancement, including the ability to earn college credit!

Funding for class materials and training are available to some schools based on eligibility in various grants and programs. Contact info@lsupathways.org for more information.