

LSU STEM Pathways: Transdisciplinary Integration

Intro to STEM Pathways and Careers



Four core courses from **ONE** pathway



Four additional electives

Typically taken in 7th/8th grade to explore content in each pathway.
Basic Career Readiness Course

Foundational skills in **ONE** pathway plus PBL, Technical Communication, and Computational Thinking

Student Choice

- Advanced level electives in pathway of choice
- Advanced math/science/computer science courses
- Exploration of other pathway electives



Silver STEM Endorsement from LDOE, LSU A&M Certifications, and LSU A&M Scholarships

- Earn LSU Certifications in **4** specified courses on ONE pathway to earn a Silver STEM Endorsement from LDOE
- Eligible to apply for 1 of **20** Silver STEM Endorsement scholarships to pursue a STEM degree at LSU A&M

Gold STEM Endorsement from LDOE, LSU A&M Certifications, and LSU A&M Scholarships

- Meet Silver Endorsement requirements
- Complete **4** additional approved STEM courses to earn a Gold STEM Endorsement from LDOE
- Eligible to apply for 1 of **10** Gold STEM Endorsement scholarships to pursue a STEM degree at LSU A&M

