

## 2022-2023 LSU STEM PATHWAYS PROGRAM



### Elementary School | Middle School | High School

Benefits to Offering a BESE-Approved LSU Pathways Course at Your Middle School or High School		
Students	Teachers	Districts*
<ul style="list-style-type: none"> <li>• Earn LSU Pathway Certificates and Industry Based Credentials</li> <li>• High-Quality, Project-Based Courses</li> <li>• Dual Enrollment opportunities (HS only)</li> <li>• Opportunity to apply for Scholarships at LSU</li> </ul>	<ul style="list-style-type: none"> <li>• No High Stakes Testing</li> <li>• Opportunity to participate in various grant funded STEM education research projects</li> <li>• Access to a minimum of six free Community of Practice sessions<sup>1</sup></li> <li>• Access to substantial LSU graduate tuition scholarships and support programs</li> </ul>	<ul style="list-style-type: none"> <li>• Up to \$400 in CTE/CDF funding per student per seat (up to \$159 if taken in middle school)</li> <li>• SPS points for Industry Based Credentials and Dual Enrollment</li> <li>• High school credit in middle school</li> </ul>

Benefits to Offering Elementary Modules and Middle School STEM Feeder Courses at Your School		
Students	Teachers	Districts
<ul style="list-style-type: none"> <li>• STEM interest begins early in the educational journey</li> <li>• Fun and engaging STEM courses and learning modules</li> </ul>	<ul style="list-style-type: none"> <li>• Exciting curriculum based on project-based learning</li> <li>• Job security teaching high demand, high skill content</li> <li>• Access to a minimum of six free Community of Practice sessions</li> </ul>	<ul style="list-style-type: none"> <li>• Vertical alignment of STEM curriculum with high school pathways</li> <li>• Recruiting tool for your district and schools</li> </ul>

In order to qualify for the benefits listed above, the LSU STEM Pathways courses must be taught by a teacher who has been certified by LSU. Teachers for elementary, middle, and high school courses can become certified to teach a specific Pathway course by attending the **2022 LSU Pathways Virtual Summer Training Institute** which will be offered in two sessions:

**Session 1: JUNE 6- JUNE 21 and Session 2: JUNE 22 - JULY 8.**

See the next page for more information about the Virtual Summer Training Institute

<sup>1</sup> LSU provides support for first-year pathway teachers by hosting at least six course-specific Community of Practice (CoP) sessions assisting with course implementation issues. CoP teacher stipends will be determined and paid for by the districts.



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### VIRTUAL SUMMER TRAINING INSTITUTE INFORMATION<sup>2</sup>

**Session 1: JUNE 6- JUNE 21**

**Session 2: JUNE 22 - JULY 8**

\$1,920 per course section<sup>3</sup>

Schools/Districts are encouraged to pay a teacher a stipend for attending the training using CDF funding. Registration fee waivers, tuition waivers, and stipends may be available for selected schools and/or teachers participating in the Summer Training Institute courses. Please email [stempathways@lsu.edu](mailto:stempathways@lsu.edu) to request information regarding your eligibility.

### Requirements to Participate in the Summer Training Institute

<b>Schools/ District</b>	<ul style="list-style-type: none"><li>Complete and return the <b>Memorandum of Understanding</b> by April 15th in which the school agrees to:<ul style="list-style-type: none"><li>Offer the course(s) in 2022-23</li><li>Provide necessary technology and other required course materials</li><li>Pay \$96 administrative fee to LSU for each student receiving an LSU STEM Pathway Certificate of Course Completion and for which the school system receives CTE/CDF funding (See below for <b>rebate</b> on administrative fee!)</li></ul></li></ul>
<b>Teachers</b>	<ul style="list-style-type: none"><li>If not already trained previously, you are required to attend training for your course</li><li>No content-specific prior knowledge required (details in Course Catalog)<sup>4</sup></li><li>Strong work ethic and a desire to engage in project-based learning</li><li>Reliable internet access and computer to be able to actively participate during synchronous portions of training<sup>5</sup></li></ul>

A catalog of training courses offered at the 2022-23 Summer Training Institute can be found [here](#)! A detailed schedule of training offerings will be made available March 15th.

### Certification Fee REBATE

<b>Eligibility for REBATE:</b> 1. Return the MoU by April 15th AND 2. Have a <b>NEW</b> teacher trained in a new <b>OR</b> existing Pathway course	<b>REBATE OFFER:</b> Receive <u>20 Student Certification fees</u> <b>FREE</b> for each training section attended!!!
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<sup>2</sup> Some summer training courses can be taken for graduate credit with a full tuition scholarship (course fees have to be paid by participants or their schools). Participating teachers who want to receive graduate credit must enroll in the LSU Graduate School by May 1, 2021. If you are interested in receiving grad credit, please send a brief e-mail to [stempathways@lsu.edu](mailto:stempathways@lsu.edu).

<sup>3</sup> Some courses require two sections for complete training and CTE/CDF course eligibility. Detailed schedule to be available no later than March 15th.

<sup>4</sup> Although prior STEM experience is a plus, many successful STEM Pathway teachers had no prior STEM background.

<sup>5</sup> If a teacher does not have access to either a device/internet, the school is responsible for providing it.



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**Will you be offering an LSU STEM Pathway course in 2022-23?  
Please complete a Memorandum of Understanding!!!**

**STEP 1:** On March 15th, the 2022-23 Memorandum of Understanding (MoU) and a detailed Summer Training Institute schedule will be emailed to all interested schools. If you do not currently offer a pathways course and would like to receive this email, please send an email to [stempathways@lsu.edu](mailto:stempathways@lsu.edu) to be included on the email list.

**Step 2:** All new **AND** returning schools should complete the MoU by April 15th!

**STEP 3:** After LSU receives the MoU, teachers who need to be trained will be provided a training confirmation email containing further details.

For more information on course offerings, see the [LSU STEM Pathways Course Catalog](#).

**More information on the Summer Training Institute & MoU, please send an email to [stempathways@lsu.edu](mailto:stempathways@lsu.edu).**