



LEGISLATIVE FISCAL OFFICE
Fiscal Note

Fiscal Note On: **HB 264** HLS 24RS 416
 Bill Text Version: **REENGROSSED**
 Opp. Chamb. Action:
 Proposed Amd.:
 Sub. Bill For.:

| | | |
|------------------------------------------------------------|----------|-----------------------------|
| Date: April 5, 2024 | 11:28 AM | Author: HUGHES |
| Dept./Agy.: EDUCATION/ HIGHER EDUCATION | | Analyst: Julie Silva |
| Subject: Computer Science Education Advancement Act | | |

CURRICULA RE INCREASE GF EX See Note Page 1 of 2

Adds computer science as a high school graduation requirement and requires teacher preparation programs to include computer science education

Proposed legislation requires each public high school to provide computer science instruction to its students and that each public high school student successfully complete a one credit Computer Science course as a requirement for high school graduation. Additionally adds this requirement to qualification for TOPS and TOPS-Tech awards.

Proposed legislation further requires each public school with students in grades six through eight provide instruction in exploratory computer science to its students, and each public elementary school provide instruction in the basics of computer science and computational thinking.

Additionally requires teacher preparation programs under the authority of the management boards of the University of Louisiana System, the Louisiana State University and Agricultural and Mechanical College, and the Board of Supervisors of Southern University and Agricultural and Mechanical College include instruction on teaching students computer science.

| EXPENDITURES | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 5 -YEAR TOTAL |
|---------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| State Gen. Fd. | \$0 | \$45,000 | \$20,000 | \$20,000 | \$20,000 | \$105,000 |
| Agy. Self-Gen. | SEE BELOW | |
| Ded./Other | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Federal Funds | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Local Funds | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Annual Total | | | | | | |
| REVENUES | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 5 -YEAR TOTAL |
| State Gen. Fd. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Agy. Self-Gen. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Ded./Other | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Federal Funds | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Local Funds | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Annual Total | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |

EXPENDITURE EXPLANATION

Proposed legislation is expected to result in an increase in state expenditures. The Louisiana Department of Education (LDOE) reports they will need to initiate a professional services contract with five (5) Teacher Leader Advisors (TLAs) to serve as content review experts at each grade band and to develop materials aligned with Louisiana Computer Science Standards. These contracts are estimated to cost \$9,000 per TLA in FY 26, and \$4,000 per TLA in FY 27 and beyond in order to continue reviewing and updating required course materials. LDOE reports updates to graduation requirements can be completed by existing staff.

LDOE's current computer science budget supports professional development, teacher certification, and technical assistance grants to expand capacity to offer computer science education across the state; however, additional funding to meet the requirements of proposed legislation was not contemplated during the department's FY 25 budget development process. Proposed legislation requires a phase-in of these requirements, beginning prior to the 2026-27 school year in order to be effective for public and charter students entering the ninth grade that year. As a result, LDOE reports needing an additional appropriation of \$45,000 to hire TLAs to begin the work of vetting course materials in FY 26 and to provide more time for teacher training. DOE reports funding can be requested during the FY 26 budget process. TLA work can begin as soon as computer science content standards are approved by the Board of Elementary and Secondary Education (BESE).

The Louisiana Office of Student Financial Aid (LOSFA) reports the addition of a required unit of computer science to the TOPS core curriculum does not change the total required number of units in each core curriculum. These changes would apply to students entering the ninth grade during the 2026-27 school year (expected to graduate during the 2029-30 school year). There would be a minimal impact on expenditures based on the nominal cost of rulemaking required by LOSFA due to this legislation. Per LOSFA's agreement with LDOE regarding Student Transcript System (STS) data, LDOE determines whether a student has met core and calculates the GPA. LOSFA staff works with LDOE programmers to ensure that the core reference tables reflect current law and rule; the system then uses those tables to determine core completion and GPA on those courses.

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REVENUE EXPLANATION

There is no anticipated direct material effect on governmental revenues as a result of this measure.

Senate
 13.5.1 >= \$100,000 Annual Fiscal Cost {S & H}
 13.5.2 >= \$500,000 Annual Tax or Fee Change {S & H}

House
 6.8(F)(1) >= \$100,000 SGF Fiscal Cost {H & S}
 6.8(G) >= \$500,000 Tax or Fee Increase or a Net Fee Decrease {S}

Patrice Thomas
Deputy Fiscal Officer



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CONTINUED EXPLANATION from page one:

Proposed legislation permits universities to incorporate computer science instruction into existing courses of study as opposed to necessitating changes to current teacher preparation credit hour requirements. The information below was provided in response to the original version of proposed legislation, prior to the adoption of an amendment by the House Committee on Education on 3/27/24 which added language clarifying that proposed legislation does not necessitate the addition of new coursework and related changes to program degree requirements. The below cost estimates remain in this note for illustrative purposes only. As a result of the adopted amendments, the LFO is unable to corroborate any of the expenditures included will be necessary. Additional information has been requested from the impacted university systems and this fiscal note will be updated as it becomes available.

Louisiana State University (LSU) System

LSU Alexandria and LSU Shreveport report they will experience no increase in expenditures as their teacher preparation programs already include instruction on teaching students computer science. LSU Agricultural and Mechanical (A&M) reports the university will experience fiscal impacts to hire one additional faculty member with a salary of \$70,000 plus benefits to maintain instructor numbers in relation to course enrollment.

Southern University (SU) System

SU A&M and SU New Orleans each report that in order to ensure students in their teacher preparation programs meet the computer science requirements in proposed legislation, the campuses will need to hire additional professors/instructors with expertise in the course. SU Baton Rouge will need two instructors, and SU New Orleans will need one. Funding will also be necessary for each campus to purchase materials and resources for the course. The total estimated cost provided by the SU System to comply with the requirements in proposed legislation is \$206,000, which will be allocated to campuses as follows:

- SU A&M - \$136,900 (\$134,400 personnel costs and \$2,500 operating expenses)
SU New Orleans - \$67,200 (\$48,000 personnel costs and \$2,500 operating expenses)

University of Louisiana System (UL)

The UL system reported that three of its universities will require additional employees to ensure their teacher preparation programs are in compliance with the requirements in proposed legislation. An additional five universities in the UL System reported they expect little to no impact to expenditures as a result of proposed legislation.

Grambling State University - \$262,000 for two (2) positions at an annual cost of \$91,000 each (\$65,000 salary and \$26,000 related benefits) and the purchase of equipment and laboratory space, estimated to cost an additional \$80,000

UL Monroe - \$127,000 for one (1) faculty position at a cost of \$112,000 (\$80,000 salary and \$32,000 related benefits) and an additional \$15,000 for procurement costs.

McNeese State University - \$203,208 for two (2) faculty positions - one (1) in Computer Science at an annual cost of \$111,238 (\$75,000 salary and \$36,238 related benefits) and one (1) in Education at an annual cost of \$91,970 (\$60,000 salary and \$31,970 related benefits).

Senate Dual Referral Rules
[] 13.5.1 >= \$100,000 Annual Fiscal Cost {S & H}
[] 13.5.2 >= \$500,000 Annual Tax or Fee Change {S & H}

House
[] 6.8(F)(1) >= \$100,000 SGF Fiscal Cost {H & S}
[] 6.8(G) >= \$500,000 Tax or Fee Increase or a Net Fee Decrease {S}

Signature of Patrice Thomas
Patrice Thomas
Deputy Fiscal Officer