University at Buffalo
Office of Educator Preparation
Graduate School of Education

University at Buffalo
Department of Learning and Instruction
Graduate School of Education

Computer Science Education
Professional Certification

This program is for those who:

- *hold a NYS Initial Certificate in Computer Science (all grades).*
- *are seeking a Master's degree in Education, a requirement for earning a Professional Certificate.*

LAI 700 should be taken in the final semester. All other courses may be taken in any order and pace. Electives will be selected in consultation with an advisor.

Subject Code & Number	Course Title	CH	SEM	GRADE
LAI 605	Critical Computational Literacies	3		
LAI 611	Methods in Teaching Computer Science, Grades 1–12	3		
LAI 676	The Pedagogy of Programming	3		
LAI 677	Survey of Topics in K–12 Computer Science	3		
	Elective	3		
	Elective	3		
	Elective	3		
	Elective	3		
	Elective	3		
LAI 700	CS Education Capstone	3		

Total Credit Hours: 30			

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Completion of Program

To successfully earn a Master of Education degree (EdM) from the University at Buffalo, students must:

- Earn grades of B- or better in all program coursework
- Achieve overall GPA of at least 3.0
- Meet any conditions of admission and/or continued admission
- Complete any required content area or general education courses

Applying for Teacher Certification

Students who successfully complete this program are eligible to receive initial certification through the New York State Department of Education (NYSED) Approved Teacher Preparation Program pathway. For more information about the certification process, please contact the Office of Educator Preparation at 716-645-2461, http://ed.buffalo.edu/edprep

For additional program information, visit:
http://ed.buffalo.edu/teaching/academics/teacher-ed/computer-science.html