

Graduate Certificates in Education



Cambridge College certificate of completion
Mathematics Specialist
 12 credits • 1 term

Cambridge College certificate of completion
English as a Second Language
 12 credits • 1 term

Choose math specialist option in elementary/middle school or high school math, and take courses as outlined below.

3-credit courses for your Math Specialist choice		Elem/Middle School	High School
MAT603	Arithmetic to Algebra: Developing Math Patterns & Ideas	●	
MAT623	Numerical & Geometric Structures	●	
MAT615	History of Math	●	●
MAT708	Diagnosis & Remediation of Learning Problems in Math	●	●
MAT611	Calculus I		●
MAT609	Euclidean Geometry		●

ESL631	Second-Language Acquisition & Culture	3
ESL635	Sheltered English Instruction & Assessment	3
ESL620	Teaching Reading and Writing to Limited English Proficient Students	3
ESL630	Equitable Assessment of English Language Learners . . .	3

These courses develop the skills and knowledge described in the four major professional development categories outlined in the June 15, 2004 memo from the Massachusetts Commissioner of Education entitled "Guidance on Qualifications for Teachers in Sheltered English Immersion Classrooms."

Admission requirements: Bachelor's degree and other general requirements (see Admission).

Certificate and degree options: These courses may be taken as a Cambridge College certificate of completion, or evaluated for transfer into a Master of Education degree program. Courses must meet current program requirements at time of matriculation.

Cambridge College

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