

<p><b>Graduate School of Education</b>  <b>Master of Education</b>  <b>Curriculum and Instruction</b></p>
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A thirty credit degree program culminating in a capstone project. All courses are taught online. Candidates should hold a teaching license in their state. In-state candidates must hold a Massachusetts INITIAL license. All candidates should be working as a classroom teacher or have permission to work with a classroom teacher. Massachusetts teachers seeking professional licensure should contact [Anita.Greenwood@uml.edu](mailto:Anita.Greenwood@uml.edu)

**This is a non-licensure program.**

**Foundations** **3 credits minimum**

01.630 Diversity Issues for School Leaders

**Research** **3 credits minimum**

04.674 Research into Learning in Science\*

07.541 Practitioner Action Research \*

07.642 Program Evaluation

**Curriculum** **9 credits minimum**

04.637 History and Theory of Curriculum

04.635 Dynamics of Curriculum Change

04.673 Curriculum Design for Science Teachers\* or

04.638 Curriculum Design K-12

**Instruction** **12 credits minimum**

04.576 Promoting Healthy Lifestyles\*

04.643 The Skillful Teacher

04.675 Leadership in Science Education\*

04.676 Exploring the Nature of Science\*

05.502 Issues and Mandates in Special Education

05.638 Planning, Technology and School Improvement

06.511 Reading in the Content Area

06.527 Language Acquisition

25.501 Engineering for teachers\* (occasionally offered)

81.508 Cell Biology\*

81.547 Evolution in Context\*

85.581 Meteorology\*

95.501 Energy Force and Motion\*

*Science content courses from UMass Amherst may be transferred into the degree with permission of advisor*

**Capstone Project** **3 credits minimum**

04.650 Capstone Project: Advanced Programs

*(This course should be taken as the culminating course in the program)*

**Candidates wishing to have the SCIENCE EDUCATION OPTION on their transcripts must include 18 credits of science education and/or science content course work in their program (choosing any combination of courses marked \*)**