

<p>Graduate School of Education Master of Education Curriculum and Instruction</p>



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

This is a non-licensure program.

Foundations **3 credits minimum**

01.630 Educating Diverse Populations

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*

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

<p>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 *)</p>
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