



**College of Education  
Master of Education (M.Ed.)  
Science Education Option**

The M.Ed. in Curriculum and Instruction: Science Education Option is a 30-credit degree program which can be completed entirely online. This program does not lead to a teaching license in any state. Candidates must already hold a teaching license (initial or professional) in their state. Additionally, they must be working as a classroom teacher of record or they will be unable to complete course assignments, particularly the Action Research Capstone.

**This program does not lead to an initial science teaching license in any state.**

**Core Courses** **12 credits**

EDUC 6300	Educating Diverse Populations
EDUC 6350	Dynamics of Curricular Change
EDUC 6370	History and Theory of Curriculum
EDUC 6380	Curriculum Design K-12

**Specialization (choose 5 courses)** **15 credits**

EDUC 5761	Promoting Healthy Lifestyles
EDUC 6760	Exploring the Nature of Science
BIOL 5080	Cell Biology for Teachers
BIOL 5470	Evolution in Context
ENVI 5850	Climate Change in the Classroom
PHYS 5010	Energy Force and Motion
XXXX.XXXX	Other with permission of advisor

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

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

EDUC 6501	Action Research Capstone
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*(This course is taken as the culminating course in the program and is offered only in Fall and Spring terms.)*