



**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
(This course is taken as the culminating course in the program and is offered only in Fall and Spring terms.)