

# MASTER OF SCIENCE EDUCATION

The objective of the master's program is to provide practicing teachers, or individuals in education-related fields, with advanced education in the teaching and learning of science. These advanced studies will enhance graduates' ability to provide meaningful instruction in science; critically analyze and implement empirical research findings in science education; develop and evaluate curriculum; and become a leader in public school education at the state or local levels.

## Curriculum

<b>Required Courses</b>		(24)
MSED 502	Advanced Strategies: Science	3
MSED 538	Inquiry and Problem Solving	3
MSED 540	Informal Education Practicum	3
MSED 550	Clinical Supervision in Science/Mathematics	3
MSED 552	Assessment and Evaluation	3
or MSED 560	Research and Evaluation	
MSED 554/555	Middle and Secondary Level Science Curriculum	3
MSED 580	Adolescent Psychology	3
Select a minimum of one course from the following:		3
MSED 530	Teacher Education/Professional Development in Science	3
MSED 562	Action Research I	3
MSED 570	Inquiry and Nature of Science	3
<b>Elective Courses</b>		(9)
Select 9 credit hours of coursework from discipline-specific science courses		9
<b>Total Credit Hours</b>		<b>33</b>