

## MS Science Education, Informal Option

<b>CORE (12 units)</b>	
SCED 550	<b>Current Issues &amp; Research in Science Education</b>
SCED 551	<b>Science Teaching, Learning &amp; Curriculum Models</b>
SCED 552	<b>Nature of Science</b>
SCED 553	<b>Learning Science in Informal Settings</b>
<b>SCIENCE (6 units)</b>	<i>Content classes, with emphasis on connections to classroom inquiry and standards</i>
Two of the following:	
SCED 500	<b>Life Science Applications for K-8 teachers</b>
SCED 501	<b>Earth Science Applications for K-8 teachers</b>
SCED 502	<b>Physical Science Applications for K-8 teachers</b>
<i>Or other graduate level science class, with consent</i>	
<b>RESEARCH (3 units)</b>	
One of the following:	
REC 696	<b>Research Methods in Recreation/Leisure Studies</b> (pre-req, REC 441, Evaluation and Research)
EDP 520	<b>Research Methods in Education</b> (pre-req, EDP 400, Introduction to Educational Measurement & Statistics)
<b>MUSEUM/NON-PROFIT MANAGEMENT (3 units)</b>	
One of the following:	
REC 528	<b>Non-profit and Volunteer management</b>
REC 521	<b>Recreation Administration</b>
<i>Or other equivalent course, with approval of advisor</i>	
<b>ELECTIVE (3 units)</b>	<i>Courses related to research methodology or program evaluation are strongly recommended.</i>
EDP 519	<b>Quantitative Educational Data Analysis</b>
EDP 595	<b>Qualitative Research Methods</b>
EDP 596	<b>Program Evaluation in Education</b>
<b>PROPOSAL, THESIS, INDEP. STUDY (6 units)</b>	
SCED 697	<b>Directed Research</b>
SCED 698	<b>Thesis</b>