



Northeastern State University M.Ed. in Science Education with  
Endeavor STEM Certificate

 <b>NORTHEASTERN STATE UNIVERSITY</b>	
<b>NSU Courses (21 Hours)</b>	<b>Endeavor Courses (15 hours)</b>
<b>Professional Core (12 Hours)</b>  EDUC 5103 Educational Research EDUC 5753 Advanced Educational Psychology SCI 5443 Trends & Issues in Science Education SCI 5513 Inquiry Based Science Instruction in Science Education	<b>Professional Core (3 Hours)</b>  Methods of STEM Education*
<b>Science Content Core (6 Hours)</b> <b>Choose 2 or the following NSU courses:</b>  SCI 5213 Investigative Biological Science SCI 5253 Inquiry into Environmental Science SCI 5313 Inquiry into the Physical Sciences I SCI 5323 Inquiry into the Physical Sciences II SCI 5123 Inquiry into Earth Science SCI 5413 Inquiry into Space Science	<b>Science Content Core (9 Hours)</b> <b>Choose 3 of the following Endeavor courses</b>  Life and Marine Science: Tracking Live Marine Animals Lessons from the Ocean: Science on the Water Planet Exploring Mars: A New Twist on Science Physical Science in Motion: Classroom Applications The "E" in STEM: Meaningful Content for Engineering NASA Project 3D-VIEW NASA Physics for Real Beginners: Earth, Moon, and Space NASA's Tracking a Solar Storm: The Science of the Sun
<b>NSU Capstone (3 Hours)</b>  SCI 5993 Capstone II Options: <ul style="list-style-type: none"> <li>• Action Research</li> <li>• Curriculum Project</li> <li>• National Board Certification</li> </ul>	<b>Endeavor Capstone (3 Hours)</b>  Action Research in the STEM Classroom** OR STEM Leadership Seminar**

\*Required Endeavor course

\*\*One of two options required

**Additional Requirements**

- Students must meet all admission requirements and be admitted to the Graduate College before NSU coursework begins.
- Students must meet all program admission requirements and be admitted to the M.Ed. in Science Education program.
- Students must meet all candidacy requirements.
- Certificate program courses that are counted for the NSU M.Ed. in Science Education degree must have earned a minimum grade of B.
- All coursework in the degree must be completed within six years.