



EARN AN M.S. OR PH.D. IN MATHEMATICS  
EDUCATION OR SCIENCE EDUCATION.

# CENTER FOR SCIENCE AND MATHEMATICS EDUCATION

Since its beginning in 1964, the **Center for Science and Mathematics Education (CSME)** at Southern Miss has conferred over **195 doctoral degrees** and over **1,250 master's degrees** to students in science or mathematics education. CSME graduates are tenured research professors in STEM departments, colleges of education, community colleges, state departments of education and school districts.

The Center currently serves **37 graduate students** in CSME programs. We also teach preservice STEM teachers and offer environmental science for over **500 students annually**.

CSME helps students explore, measure and quantify the ways people of all ages think and learn STEM content through our rigorous coursework that blends educational research, design and theory with graduate-level science and mathematics content, research and field experiences, and our ongoing STEMed Speaker Series, featuring STEM education researchers from around the world.



## Our graduate students enjoy ...

- Flexible course schedules and research opportunities in Hattiesburg and on the Gulf Coast
- One-on-one dissertation attention and mentoring from our faculty members
- Collaboration with peers in our CSME graduate student lounge, open daily
- Interacting with nationally recognized scientists and educators in our speaker series
- Learning from our STEM education informal partners across the region, which include the Marine Education Center, the Walter Anderson Museum of Art, the Pascagoula River Audubon Center, the Mississippi Aquarium and others
- Supporting teachers and students across the region through our multiple outreach programs and products
- Assistantships for select graduate students, which include tuition and a stipend



## GRADUATE DEGREES

- Mathematics Education – M.S. and Ph.D.
- Science Education – M.S. and Ph.D.

The Master of Science (M.S.) program prepares educators to develop and analyze educational research, curriculum materials and educational activities with an emphasis in formal or informal settings. The Doctor of Philosophy (Ph.D.) program prepares educators, researchers and university faculty in mathematics or science education, culminating in a dissertation project.



## STEM Outreach Programs

Our faculty and graduate students lead several state-wide STEM events and competitions:

- Mississippi Science and Engineering Fair
- VEX Robotics Competition
- Mississippi Science Olympiad
- Hackathons for Girls Who Code
- STEM on Demand – Our newest program provides hands-on K-8 lessons and classroom kits for schools across Mississippi. [stem-ondemand.org](http://stem-ondemand.org)



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