

Science Education

The Science Education Program offers a Master's of STEM Education (MEd) Distance Education with a Concentration in Science Education. We prepare educators and researchers for positions as teachers, leaders, and science educators of the highest quality at the university, community college, middle and/or high school level, or informal science education centers. We are particularly proud of our emphasis on the use of technology to enhance teaching. Students take courses in their educational specialty in Science Education, and in academic discipline areas including: biological sciences, chemistry, earth science, environmental science, interdisciplinary science or physics.

Our STEM Ed Master's program (MEd) leads to North Carolina M-licensure as a teacher of science at grades 6-12 or advanced credentials for informal educators. Programs are also available for those seeking advanced graduate-level certification as a teacher. Finally, students may design a program to prepare for teaching careers in post-secondary education.

Some of our students elect to move directly from our master's into our doctoral program in Learning and Teaching in STEM – Science Education. These students are knowledge-seekers and are eager to pursue educational problems and develop critical thinking skills in a collaborative environment. The programs prepare individuals for positions in their fields of study related to:

1. scholarly inquiry and discourse in science education,
2. preparation of K-12 teachers and informal science educators,
3. instruction and development issues in K-16, and
4. leadership positions.

Student Financial Support

A small number of scholarships may be available through the College of Education or NC State University. For those who apply for financial aid, there may be some grants available through the university. Please discuss these opportunities directly with program area faculty.

Admission Requirements

Applicants for the STEM MEd degree with a concentration in science education must submit a completed application specific to the program. No GRE is required. Please see the Science Education website for details. The deadlines for submission of an application, and academic and professional background necessary for admission differ by specific program.

Degrees

- Science Education (MS) (<http://catalog.ncsu.edu/graduate/education/science-education/science-education-ms/>)
- Science Education (Minor) (<http://catalog.ncsu.edu/graduate/education/science-education/science-education-minor/>)

Faculty

Full Professors

Margaret R. Blanchard

Carla Johnson

Melissa Gail Jones

Soonhye Park

Eric N Wiebe

Associate Professors

Sarah J. Carrier

Cesar Delgado

Assistant Professors

K. C. Rogis Busch

Practice/Research/Teaching Professors

W. Matthew Reynolds

Emeritus Faculty

Glenda S. Carter

John H. Wheatley