

Explore physical, earth, and life science content topics through a study of Earth's most visible feature. Particular attention paid to modern socioscientific issues such as coastal development, pollution, and management of energy resources.

MSTC 5155 Critical voices in teacher education

This course is designed for doctoral students interested in teacher education and becoming teacher educators with an emphasis on self, race in teacher education, and teacher education research and policy.

MSTC 5265 Guided supervision of student teaching in science

Permission required. Open only to doctoral students. Guided field experience in supervising student teachers.

MSTC 6000 Quantitative methods in science education research

A critical analysis of current published research in science education with special attention to strategies of applying statistical and other quantitative methods. Designed largely for doctoral students and advanced master's students.

MSTC 6401 Internship in science education

Permission required. Supervised intern service in a variety of field settings including classroom teaching at various levels, supervision, curriculum development, and inservice education.

MSTC 6502 Science education research seminar

Research oriented seminars dealing with a variety of issues and leading to preparation for the doctoral certification examination. Required for doctoral students.

MSTC 6902 Research and independent study in science education

Permission required. Guided independent study leading to the preparation of a major project or paper. May be taken repeatedly by doctoral candidates engaged in research.

MSTC 7501 Dissertation seminar in science education

Development of doctoral dissertation proposals and presentation of proposals for departmental review.

MSTC 8901 Dissertation advisement in science education

Individual advisement on doctoral dissertations. Fee to equal 3 points at current tuition rate for each term. For requirements, see section in catalog on Continuous Registration for Ed.D./Ph.D. degrees.