

EDSC - EDUCATION: MATH & SCI COLLAB.

EDSC 5161G Space Science for Teachers: Earth and the Solar System (4-0-4)

Offered in conjunction with Georgia Southern as part of the GOML MAT program.

Restriction(s):

Enrollment is limited to Graduate Level level students.

Enrollment limited to students in the College of Educ Health Prof college.

EDSC 5161U Space Science for Teachers: Earth and the Solar System (4-0-4)

Offered in conjunction with Georgia Southern as part of the GOML MAT program.

Restriction(s):

Enrollment limited to students in the College of Educ Health Prof college.

EDSC 6215 Methods of Teaching Middle and Secondary Science (3-0-3)

This course provides learning experiences in instructional strategies, models and methods that facilitate learning science in grades 4-12.

Instruction based on standards and research will be the focus of the course. Concepts and themes addressed include: understanding science inquiry, planning for instruction in science, assessment practices, diversity and special needs in the science classroom, and technology applications.

Prerequisite(s): Admitted to Teacher Education with a score of Y and EDMS 6216 (may be taken concurrently)

Restriction(s):

Enrollment is limited to Graduate Level level students.

EDSC 7550 Pedagogy of Science Instruction Integrating Tech (3-0-3)

Course offered in partnership with Georgia State University as part of the GOML program.

Restriction(s):

Enrollment is limited to Graduate Level level students.

Enrollment limited to students in the College of Educ Health Prof college.

EDSC 8400 Strategies of Instruction in Science (3-0-3)

The course explores topics such as the nature of science and of learning and the implications for teaching science, alternative uses for technology, assessment of science learning, and teaching.

EDSC 8430 Nature of Science (3-0-3)

GOML

Restriction(s):

Enrollment is limited to Graduate Level level students.

Enrollment limited to students in a Master of Arts in Teaching or Master of Education degrees.

Enrollment limited to students in the College of Educ Health Prof college.

EDSC 8600 Science in the School Curriculum (3-0-3)

Acquaints teachers with the basis of curriculum decisions, the purpose and nature of science curricula, science curricula in the schools historically, current innovations and future directions, and the process of developing curricula. Emphasis will be placed on developing necessary knowledge, skills, attitudes, and self-confidence to contribute to the revitalization of science curricula.