

Natural Sciences (NATS)

Courses

NATS 105. Physical Systems in Earth and Space Science. 4 hours.

A multidisciplinary course that uses physics to understand earth, space, and environmental science phenomena and ideas related to sensing the universe, movements on the earth and in the solar system, and past and future of the earth and universe. Course Information: 4 hours. Class Schedule Information: To be properly registered, students must enroll in one Lecture -Discussion and one Laboratory and one Laboratory-Discussion. *Natural World - With Lab course.*

NATS 106. Chemical and Biological Systems. 4 hours.

A multidisciplinary course that uses biological and chemical concepts to understand the organization of the physical world, processes and energy exchanges at the atomic and molecular levels, and interactions of organisms and the environment. Course Information: 4 hours. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory. *Natural World - With Lab course.*

NATS 200. Tutoring in the Science Learning Center. 1 hour.

Study, analysis, and implementation of best practices in tutoring and peer-leadership. Effective facilitation of student group discussions and communication in STEM disciplines. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Students meet once per week. Volunteers schedule 2-3 hours per week to tutor; peer-leaders schedule 4-6 hours per week to tutor. Prerequisite(s): Consent of the instructor.

NATS 574. Advanced Study of Science Taught in Standard-Based Middle-Grade Science Curricula. 3 hours.

The advanced study of concepts underlying standards-based instruction in the natural sciences (chemistry, physics, earth science, and biology) in grades 5-8 is explored in a pedagogical context. Course Information: Prerequisite(s): Consent of the instructor.