PHYSICAL SCIENCE (PHSC)

PHSC 501 ADVANCED LABORATORY IN PHYSICAL SCIENCE (2)
Exacting laboratory work of an advanced nature under the guidance of the physical science staff. Each student will present and defend his or her work at a seminar. May be repeated for a maximum of 6 units. Prerequisite: Consent of instructor.

PHSC 503 EARTH SPACE SCIENCE (3)
Physical science principles applied in the study of earth and space. Emphasis on experimental and discovery approaches. Prerequisite: PHSC 101.

PHSC 505 FUNDAMENTAL CONCEPTS IN THE EARTH SCIENCES (3)
Principles of astronomy, geology and related earth sciences. Methods of investigation employed by earth scientists. Observations in the planetarium and field studies in the Baltimore area. Two lecture hours and one two-hour laboratory period. No credit allowed if student has taken ASTR 161 and/or PHSC 121. Prerequisite: GEOL 101 or equivalent.

PHSC 511 PHYSICAL SCIENCE FOR TEACHERS (3)
An in-service course for teachers in the elementary and/or junior high school designed to develop physical science concepts. Emphasis will be placed on developing these concepts through laboratory work. Prerequisite: Teaching experience.

PHSC 561 GENERAL ASTRONOMY II (3)
Stars, stellar systems, galaxies and cosmology. Emphasis in determination of the distance scale and modern trends in astronomy. Prerequisite: ASTR 161 General Astronomy I or equivalent.

PHSC 570 SPECIAL TOPICS PHSC (1-4)
The study of special topics in the areas of physical science. Special topics will be determined by their need for study and relevance to existing courses. May be repeated for credit provided a different topic is covered. Prerequisite: Consent of instructor.

PHSC 594 TRAVEL STUDY (1-3)
A detailed investigation of field problems and phenomena. Locations and topics to be selected by the department and instructors sponsoring program. May be repeated for maximum of 3 units. Prerequisite: Consent of instructor.