

PHYSICAL SCIENCE (PHY SCI)

Physical Science (PHY SCI) 101

General Course Physical Science

Introduction to the scientific method, astronomy, geology, meteorology. Writing assignments, as appropriate to the discipline, are part of the course.

Eligibility for ENGLISH 101 based on prior coursework or appropriate score on Placement Test; or Consent of Department Chair

3 Lecture hours. 3 Credit Hours.

Offered At: DA, HW, KK, MX, OH, TR, WR

IAI: P1 905,P9 900 **GE:** Physical Sciences

Physical Science (PHY SCI) 102

General Course Physical Science

Introduction to physics and chemistry; the relationship of matter and energy to physical and chemical changes. Writing assignments, as appropriate to the discipline, are part of the course.

Eligibility for ENGLISH 101 based on prior coursework or appropriate score on Placement Test; or Consent of Department Chair

3 Lecture hours. 3 Credit Hours.

Offered At: KK, TR, WR

IAI: P9 900 **GE:** Physical Sciences

Physical Science (PHY SCI) 107

Current Public Issues in Physical Science

Interdisciplinary approach to physical sciences; current public issues serve as framework for course that covers earth sciences (conservation, pollution, space exploration) as well as other branches of science and social and humanistic aspects; integrates significant aspects of physical science with students other studies as well as daily living. Writing assignments, as appropriate to the discipline, are part of the course.

Eligibility for ENGLISH 101 based on prior coursework or appropriate score on Placement Test; or Consent of Department Chair

3 Lecture hours. 3 Credit Hours.

Offered At: HW, KK, MX, OH, TR

IAI: P9 900 **GE:** Physical Sciences

Physical Science (PHY SCI) 111

General Course I Physical Science

Introduction to the scientific method, astronomy, geology, oceanography, and meteorology. Writing assignments, as appropriate to the discipline, are part of the course.

Eligibility for ENGLISH 101 and MATH 99 or Higher or Consent of Department Chairperson.

2 Laboratory hours. 3 Lecture hours. 4 Credit Hours.

Offered At: DA, HW, KK, MX, OH, TR, WR

IAI: P1 905L,P9 900L **GE:** Physical Sciences

Physical Science (PHY SCI) 112

General Course II Physical Science

Introduction to physics and chemistry; the relationship of matter and energy to physical and chemical changes. Writing assignments, as appropriate to the discipline, are part of the course.

Eligibility for ENGLISH 101 and MATH 99 or Higher or Consent of Department Chairperson.

2 Laboratory hours. 3 Lecture hours. 4 Credit Hours.

Offered At: HW, KK, OH, TR, WR

IAI: P9 900L **GE:** Physical Sciences

Physical Science (PHY SCI) 118

Introduction to Meteorology

An introductory course examining the physical properties of the atmosphere, radiation heating and cooling, precipitation, clouds, weather disturbances, climate controls, map reading, and application of the scientific method in analyses of the weather elements. Writing assignments, as appropriate to the discipline, are part of the course.

Eligibility for ENGLISH 101 and MATH 99 or Higher or Consent of Department Chairperson.

2 Laboratory hours. 3 Lecture hours. 4 Credit Hours.

Offered At: HW

IAI: P1 905L **GE:** Physical Sciences

Physical Science (PHY SCI) 295

Independent Research in Physical Science

This course emphasizes independent, student-driven research under the close supervision of a faculty member. Writing assignments, as appropriate to the discipline, are part of the course. Allowed Repeatable Course: Eligibility for course repetition for additional credit hours is determined by the instructor. No more than an accumulated 12 credit hours will be counted towards graduation.

Eligibility for ENGLISH 101 and MATH 140 or higher or Consent of Department Chairperson.

1 Lecture Hours. 1-6 Laboratory Hours. 1.5-4 Credit Hours.

Offered At: DA, HW, KK, OH, TR, WR

Repeatable: Yes, up to 4 times