Physical Science

Overview

The Folsom Lake College physical science curriculum offers transferable courses that fulfill both major and general education requirements.

The PS 302 course is offered as part of the general education program at Folsom Lake College. This class is meant to give the student a comprehensive breadth of the field of physical science and a hands-on learning experience. The course is an excellent way for liberal arts students to gain an appreciation of scientific knowledge and methods.

Program Maps

Science, Technology, Engineering, and Mathematics Undecided Major (/flc/main/doc/instruction/program-maps/STEM-Undecided-major.pdf)

Energy (ENERGY) Courses

Physical Science (PS) Courses

PS 302 Introduction to Physical Science

Units: 4
Hours: 54 hours LEC; 54 hours LAB
Prerequisite: None.
Transferable: CSU; UC (UC credit limitation: No credit if taken after a college level course in Astronomy, Chemistry, Geology or Physics )
General Education: AA/AS Area IV; CSU Area B1; CSU Area B3; IGETC Area 5A; IGETC Area 5C
Catalog Date: June 1, 2020

This is an integrated, interdisciplinary course which introduces the non-science major student to the physical sciences. Fundamental concepts in astronomy, physics, chemistry and geology will be examined. This course is not recommended for science or engineering majors.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- understand and recall fundamental principles and basic definitions from the physical sciences.
- solve conceptual physical science problems.
- solve simple quantitative problems in the physical sciences.
- analyze experimental data.

PS 495 Independent Studies in Physical Science

Units: 1 - 3
Hours: 54 - 162 hours LAB
Prerequisite: None.
Transferable: CSU
Catalog Date: June 1, 2020

PS 499 Experimental Offering in Physical Science

Units: 0.5 - 4
Prerequisite: None.
Catalog Date: June 1, 2020
Faculty

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Science, Technology, Engineering, and Mathematics

This program is part of the Science, Technology, Engineering, and Mathematics meta-major.

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