Physical Science (PHY SCI)

Courses

PHY SCI 5. California Teach 1: Introduction to Science and Mathematics Teaching. 3 Units.
First in a series for students interested in becoming middle or high school teachers of mathematics or science. Students gain an understanding of effective, research-based teaching strategies. Includes supervised field experience in a K-12 classroom.

Same as BIO SCI 14.

Restriction: School of Physical Sciences, School of Biological Sciences, School of Information and Computer Sciences, and School of Engineering majors have first consideration for enrollment.

PHY SCI 105. California Teach 2: Middle School Science and Mathematics Teaching. 3 Units.
Second in a series for students interested in becoming middle or high school teachers of mathematics or science. Students gain an understanding of effective, research-based teaching strategies for grades 6-8. Includes supervised field experience in a middle school classroom.

Prerequisite: PHY SCI 5.

Same as BIO SCI 101.

Restriction: School of Physical Sciences, School of Biological Sciences, School of Information and Computer Sciences, and School of Engineering majors have first consideration for enrollment.

PHY SCI 106. California Teach 3: High School Science and Mathematics Teaching. 2 Units.
Capstone of a series of three seminars for students interested in becoming secondary mathematics or science teachers. Meets six times for students to understand effective, research-based teaching strategies. Includes an opportunity to experience teaching in a high school.

Prerequisite: (PHY SCI 5 or BIO SCI 14) and (PHY SCI 105 or BIO SCI 101).

Same as BIO SCI 102.

Restriction: School of Physical Sciences, School of Biological Sciences, School of Information and Computer Sciences, and School of Engineering majors have first consideration for enrollment.

PHY SCI 139W. Technical Writing and Communication Skills. 4 Units.
Workshop in writing technical reports, journal articles, proposals. Oral presentations. Communicating with the public. May not be used in satisfaction of any School or departmental requirement.

Prerequisite: Satisfactory completion of the Lower-Division Writing requirement.

Restriction: Upper-division students only. School of Physical Sciences majors have first consideration for enrollment.

(lb)

PHY SCI 220. Science Communication Skills. 2 Units.
Development of effective communication skills, oral and written presentations. Topics range from the art of creating keynote slides to strategically crafting a personal story, culminating in a live presentation to an invited audience.