

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

| CRN | Instructor | Days | Time | Room | D | CRN | Instructor | Days | Time | Room | D |
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Physics

PHYS 106 Physical Science for Educators 4 Units

Prerequisite: MATH 130.

Corequisite: MATH 130.

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.

This course provides each prospective multiple subject teacher with an introductory survey of the fundamental concepts of chemistry and physics and the relationships among these disciplines. Emphasis is placed on the ways in which chemistry and physics affect everyday life. This course is recommended for students planning to take the CSET Multiple Subject Exam to become credentialed elementary school teachers in the State of California. PHYS 106 and CHEM 106 are the same course. 54 lecture hours. CSU

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|-------|-----------|----|-------------------|--------|-------------|
| 31022 | Miles, T. | MW | 09:55 AM-11:20 AM | PS 113 | 02/23-06/18 |
| | Miles, T. | F | 08:00 AM-11:10 AM | PS 203 | 02/23-06/18 |

PHYS 110 Introduction to College Physics 4 Units

Strongly recommended: MATH 130. Also, ENGL 099 or READ 099 if required by English placement or if required by English level.

A general physics course for non-majors that explores fundamental principles of the physical world, including kinematics, Newton's laws of motion, conservation laws, electromagnetism, waves, optics and modern physics. 54 lecture hours, 54 lab hours. CSU UC

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|-------|----------------|----|-------------------|--------|--|
| 30363 | Riderer, L. | TR | 01:00 PM-02:25 PM | PS 107 | 02/23-06/18 |
| | | | | | Lecture section only. Lab section also required. |
| 30364 | Carter, B. | R | 05:25 PM-08:35 PM | PS 107 | 02/23-06/18 |
| | | | | | Lecture section only. Lab section also required. |
| 30369 | Carter, B. | T | 08:00 AM-12:15 PM | PS 101 | 02/23-06/18 |
| | | | | | Lab section only. Lecture section also required. |
| 30381 | Soldatenko, A. | T | 05:25 PM-09:40 PM | PS 101 | 02/23-06/18 |
| | | | | | Lab section only. Lecture section also required. |
| 30377 | Soldatenko, A. | W | 05:25 PM-09:40 PM | PS 101 | 02/23-06/18 |
| | | | | | Lab section only. Lecture section also required. |
| 30379 | Carter, B. | R | 08:00 AM-12:15 PM | PS 101 | 02/23-06/18 |
| | | | | | Lab section only. Lecture section also required. |

PHYS 111 Physics for Life Sciences I 4 Units

Prerequisites: MATH 151 or

Corequisite: MATH 151

The first in a two-course sequence in algebra/trigonometry-based Physics including mechanics, energy, matter and thermodynamics with an emphasis on how these concepts apply to biological systems. This course is designed for students planning to enter medicine, dentistry, pharmacy, optometry, forestry and (4 year) nursing. 54 lecture hours, 54 lab hours. CSU UC

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|-------|-----------|----|-------------------|--------|-------------|
| 31385 | Ramos, G. | TR | 09:55 AM-11:20 AM | LH 103 | 02/23-06/18 |
| | Ramos, G. | W | 11:30 AM-02:35 PM | PS 125 | 02/23-06/18 |

PHYS 201 Physics 5 Units

Prerequisite: MATH 175.

Corequisite: MATH 190.

Fundamental principles of mechanics, vectors, motion, work, energy, momentum, and rotational motion. Required for all majors in engineering, physics, chemistry, and some geology and mathematics majors. 72 lecture hours, 54 lab hours. CSU UC

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|-------|-----------|----|-------------------|--------|---|
| 30385 | Ramos, G. | TR | 01:05 PM-02:30 PM | PS 113 | 02/23-06/18 |
| | | | | | Lecture section only. Lab/discussion section also required. |
| 30388 | Ramos, G. | M | 11:30 AM-02:40 PM | PS 125 | 02/23-06/18 |
| | Ramos, G. | T | 02:35 PM-03:30 PM | PS 125 | 02/23-06/18 |
| | | | | | Lab/discussion section only. Lecture section also required. |
| 30395 | Ramos, G. | M | 03:00 PM-06:10 PM | PS 125 | 02/23-06/18 |
| | Ramos, G. | M | 06:10 PM-07:05 PM | PS 125 | 02/23-06/18 |
| | | | | | Lab/discussion section only. Lecture section also required. |

PHYS 202 Physics 5 Units

Prerequisite: PHYS 201 and MATH 191. MATH 191 may be taken concurrently.

Electricity and magnetism. Required of all majors in engineering, physics, chemistry, and some geology and mathematics majors. 72 lecture hours, 54 lab hours. CSU UC

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|-------|-----------|----|-------------------|--------|-------------|
| 30416 | Scott, C. | MW | 12:30 PM-01:55 PM | PS 107 | 02/23-06/18 |
| | Scott, C. | W | 11:30 AM-12:20 PM | PS 107 | 02/23-06/18 |
| | Scott, C. | F | 10:00 AM-01:10 PM | PS 101 | 02/23-06/18 |