

Natural Sciences - Physics Option, B.A.

DEPARTMENT

BA in Natural Sciences - Biology Option, B.A.
BA in Natural Sciences - Earth Science Option, B.A.
BA in Natural Sciences - Physics Option, B.A.
BA in Natural Sciences - Chemistry Option, B.A.

REQUIREMENTS

Science and Mathematics Interdisciplinary Programs

Bachelor of Arts Degree Requirements Natural Sciences Major Physics Option

The B.A. in Natural Sciences serves as a waiver program for the Single Subject Teaching Credential in Science. Please contact CSM Advising and Resources Center (ARC) at 559.278.4150 for advising and more information.

The degree is also a suitable choice for students with a general interest in physics and interest in pursuing a career in law, medicine, dentistry, optometry, and other areas for which the breadth of scientific coverage of this degree is advantageous.

1. Major Requirements (77 units)

Core requirements (36 units)

Biology (12 units)
BIOL 1A, 1B, 1BL, 101, and 101L

Chemistry (10 units)
CHEM 1A, 1AL, 1B, 1BL

Geology (7 units)
EES 1 and 168

Natural Science (3 units)
NSCI 106

Physical Science (4 units)
PSCI 21

Physics Option (41 units)

CHEM 128A (3 units)
PSCI 168 (3 units)
MATH 75, 76, 77, 81 (15 units)
PHYS 4A, 4AL, 4B, 4BL, 4C (11 units)
PHYS 102, 105A, 107A (9 units)

2. General Education requirements (49 units)

3. Other requirements (9 units)

American Government and Institutions (PLSI 2), Multicultural and International (MI), and Upper-division writing

4. Sufficient elective units to meet required total units (varies)

5. Total (120 units)*

* G.E. and MI courses can be double-counted with major requirements. The writing requirement may be met by taking the upper-division writing exam. See advisor for details.

Advising Notes for all Options within the Natural Sciences Major

1. Substitutions may be made with the permission of the appropriate department chair. PHYS 4A-B-C with labs 4AL, 4BL is recommended instead of PHYS 2A-B for those students well-prepared for physics.

2. This total assumes that students in this option will maximize 13 units required for the major that also may be applied to fulfill General Education requirements as follows: CHEM 1A/1AL (4 units), BIOL 1A (3 units), EES 168 (3 units) and, depending on emphasis and choice, MATH 75 (3 units). Consult your major advisor for details.

In compliance with Federal Requirements for Posting Licensure and Certification Eligibility, please see the CSU Chancellor's Office calstate.edu website.

FACULTY