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## Physical Science

Scott Bergeson, Coordinator  
N-267 ESC, (801) 422-6161

College of Physical and Mathematical Sciences Advisement  
Center  
N-179 ESC, (801) 422-6270

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### BS Teaching Physical Science (77.5–78.5 hours\*, including licensure hours)

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#### Major Requirements



1. Complete the following:  
Biol 100.  
Chem 105, 106, 107, 223, 351, 501.  
Geol 111, 112, 210.  
Phil 423.  
Phscs 105, 106, 107, 108, 127, 137.
2. Complete one course from the following:  
Geol 100, 286, 351, 370, 480.
3. Declare major status by application available online at the Teacher Education Department Web site (<http://education.byu.edu/ted/pdf/physicalscience.pdf>) by January 15 for Fall semester and September 15 for Winter semester.
4. Students must maintain a GPA of 2.85. A grade lower than a C– will not be accepted in any of the professional education courses.
5. Complete the Professional Education Component:
  - a. Complete the following:  
CPSE 402.  
IP&T 286.  
Sc Ed 276R (4 hours), 350, 353, 377R, 378, 379.  
**Note:** Fingerprinting and FBI clearance must be completed prior to enrolling in Sc Ed 377R.
  - b. Complete 12 hours from one of the following:  
Sc Ed 476R or 496R.

\*Hours include courses that may fulfill university core requirements.

## Physical Science (Phy S)

### Undergraduate Courses

**100. Physical Science.** (3:3:0) F, W, Sp, Su Honors also (W only).

Conceptual lectures and demonstrations of the most significant and universal laws and models describing the physical world by faculty from the Physics and Astronomy, Chemistry and Biochemistry, and Geological Sciences departments. Satisfies GE Physical Science requirement.

**110A. Physical Science A.** (4:3:2) For majors in elementary, early childhood, or special education. F, W, Sp

Classical and modern physics and chemistry as they relate to current concepts of the physical world. Lab exercises illustrate many topics with concrete examples. With Phy S 110B satisfies GE Physical Science requirement.

**110B. Physical Science B.** (2:2:1) For majors in elementary, early childhood, or special education. F, W, Su

Concepts and methods used in geology to interpret rock record, protect and make use of earth materials, and better understand natural environment and how to live in it. Lab studies, field trips, home projects. With Phy S 110A satisfies GE Physical Science requirement.

**111A. Physical Science A Laboratory.** (1:0:2) F, W, Sp Prerequisite: Phy S 100; for majors in elementary, early childhood, or special education.

Laboratory exercises that illustrate physics and chemistry principles. To accompany or follow Phy S 100 lecture course. Not for students enrolled in Phy S 110A or 110B.

**111B. Physical Science B Laboratory.** (1:0:2) F, W, Su Prerequisite: Phy S 100; for majors in elementary, early childhood, or special education.

Laboratory exercises that illustrate geology principles. To accompany or follow Phy S 100 lecture course. Not for students enrolled in Phy S 110A or 110B.