

PHYSICS

Faculty

Bowden, A. Young

The Physics Department offers courses to prepare the student for advanced work in engineering and other physical sciences, courses required in other programs such as the life sciences and education, and courses that contribute to a general studies program.

Students who take more than one of the physics sequences should consider the following rules regarding credit for graduation:

1. A maximum of four semester credits may be applied toward graduation by completing PHYS 1110 and PHYS 1310.
2. A maximum of four semester credits may be applied toward graduation by completing PHYS 1120 and PHYS 1320.

Associate of Science Degree Physics

(Recommended Curriculum)

General Education (Minimum 32 credits) Credits
General education coursework can be completed from within or outside of the major field of study.

1. Exploration and Participation
Included in the major requirements below
2. Communication
ENGL 1010 English I: Composition 3
ENGL 1020 English II: Composition 3
3. Relationship with the World
Human behavior 3
U.S. and Wyoming constitutions 3
Cultural environment 3
4. General Education Electives
Must be chosen from areas 1, 2, or 3 above.
5. Physical Education 1

Major Requirements

- CHEM 1025 Chemistry I 3
- CHEM 1028 Chemistry Laboratory I 1
- MATH 2200 Calculus I 5
- MATH 2205 Calculus II 5
- MATH 2210 Calculus III 5
- PHYS 1310 College Physics I 4
- PHYS 1320 College Physics II 4
- PHYS 2310 Physics III: Waves and Optics 5
- PHYS 2320 Physics IV: Modern Physics 5
- *Electives 9

*Recommended electives

- COSC 1030 Computer Science I 4
- ES 1060 Introduction to Engineering Computing . . . 3
- MATH 2250 Elementary Linear Algebra 3
- MATH 2310 Applied Differential Equations I 3
- Biological science or earth science 4
- World language 8

*Graduation requirements for the College of Arts and Science at the University of Wyoming. Other universities may have different requirements. To obtain a degree in physics, a student must obtain a grade of "C" or better in all major requirements. A minimum of 64 approved semester credits are required for graduation. For specific graduation requirements see "Academic Policies" and "Degree Requirements."

ONLY COURSES NUMBERED 1000 OR ABOVE CAN BE USED TOWARD THE ASSOCIATE OF ARTS, ASSOCIATE OF SCIENCE, ASSOCIATE OF BUSINESS, ASSOCIATE OF FINE ARTS AND ASSOCIATE OF APPLIED SCIENCE DEGREES.