

Current version

**DEGREE: BACHELOR OF ARTS MAJOR: PHYSICS
EDUCATION**

CURRICULUM CREDITS

See page 90 for University and College requirements.

Note: MATH 241 Analytical Geometry and Calculus A satisfies the Mathematics Skills College requirement and is strongly recommended as the first math course for physics education majors, unless the placement exam suggests differently.

MAJOR REQUIREMENTS

PHYS 207/208 Fundamentals of Physics I and II. 8

PHYS 309 20th/21st Century Physics. 3

Nineteen credits in PHYS, fifteen of which must be at the 300-level or higher. 19

MATH 241/242/243 Analytic Geometry and Calculus A, B and C. 12

MATH 302 Ordinary Differential Equations. 3

CHEM 103/104 General Chemistry 8

EDUC 413 Adolescent Development and Educational Psychology 4

EDUC 414 Teaching Exceptional Adolescents. 3

EDUC 419 Diversity in Secondary Education 3

EDUC 400 Student Teaching. 9

EDUC 420 Reading in the Content Areas. 1

SCEN 491 Teaching Science in Secondary Schools. 4

A grade of C- or better is required in all required PHYS, MATH, CHEM, EDUC, and SCEN courses.

To be eligible to student teach, Physics Education students must have a GPA of 2.75 in their physics major and an overall GPA of 2.5. They must also pass a teacher competency test as established by the University Council on Teacher Education. Students should consult the teacher education program coordinator (see list on page 215) to obtain the student teaching application and other information concerning student teaching policies.

CREDITS TO TOTAL A MINIMUM OF. 124

Proposed version

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MAJOR REQUIREMENTS

PHYS 207/208 Fundamentals of Physics I and II.	8
PHYS211 Oscillations and Waves.	3
PHYS 309 20th/21st Century Physics.	3
sixteen credits in PHYS, fifteen of which must be at the 300-level or higher. . . .	16
MATH 241/242/243 Analytic Geometry and Calculus A, B and C.	12
MATH 302 Ordinary Differential Equations.	3
CHEM 103/104 General Chemistry	8
EDUC 413 Adolescent Development and Educational Psychology	4
EDUC 414 Teaching Exceptional Adolescents.	3
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