

Undergraduate Degree: Physics Licensure (AYA Grades 7-12) Information Sheet

General Studies – 42 hrs. (See Undergraduate Bulletin)

Professional Education Requirements for Undergraduate Earth Science Students – 41 hrs. required with a “C” or better and a 2.5 GPA or better

Phase One	Credits
5100:200 Introduction to Education	3
5100:220 Educational Psychology	3
5500:230 Educational Technology	3
5610:225 Intro to Exceptionalities	3
5300:100 Orientation: AYA/P-12/Multi-Age	0

Phase Two	Credits
5100:300 Educational Equity & Excellence	3
5500:360 Educational Planning	3
5500:370 Educational Implementation	3

Phase Three	Credits
5300:311 Inst. Techniques: Science (<i>Spring only</i>)	5
5300:325 Content Reading in Sec. Schools	3
5500:475 Inst. Technology Applications	3

Phase Four	Credits
5300:495 Student Teaching	8
5300:496 Student Teaching Colloquium	1

A teaching portfolio is required.

Teaching Field Requirements for Physics Licensure – 55 hrs. with a 2.5 GPA or better

Science Core- 35 Credits	Credits
3100:111 Principles of Biology I	4
3100:112 Principles of Biology II	4
3150:151 Principles of Chemistry I	3
3150:152 Principles of Chemistry Lab	1
3150:153 Principles of Chemistry II	3
3370:101 Physical Geology	4
3370:102 Historical Geology	4
3650:130 Descriptive Astronomy	4
3650:291 Elem. Class. Physics I	4
3650:292 Elem. Class. Physics II	4

Physics- 13 Credits

3650:301 Modern Physics	3
3650:322 Intermediate Lab I	3
3650:323 Intermediate Lab II	3
3650:133 Music, Sound & Physics	
OR	
3650:137 Light	4

Mathematics- 7 Credits

3450:221 Analytic Geometry-Calculus I	4
<i>(Prereq. 3450:149 Precalc. or eligibility. for calc)</i>	
3470:270 Basic Statistics	3

For more information contact:

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*For admission to student teaching, students must have the approval of the Student Teaching Committee, based upon approved application to student teaching, passing PRAXIS II subject test, and approved portfolio. Planned teaching experience in schools selected and supervised by the Office of Field Experiences.

Applications for graduation are due as follows:
September 15 for May graduation
February 15 for August graduation
May 15 for December graduation