

PHYSICS EDUCATION (PHSE) w/concurrent PHYSICS (PHYS)

Wyoming Teacher Education Program

Total credit requirement: 120 minimum
42 credit hours must be upper division

Effective: Fall 2015
Updated: Fall 2017

Name: _____

Evaluated by: _____

W# _____

Matric. Date _____

Date: _____

WYO Core Complete? Yes No

Background check completed DFS/DCI

WY Sub Permit

UNIVERSITY STUDIES PROGRAM REQUIREMENTS <i>please see USP catalog info for full course options</i>	PROFESSIONAL EDUCATION REQUIREMENTS: All Professional Ed courses must be completed with a grade of C or better. Please note that grades of C- or lower will not satisfy this requirement.
<p style="text-align: center;">Intellectual and Practical Skills (IPS)</p> <hr style="border-top: 1px dashed black;"/> <p><i>First Year Experience</i> (Each requirement must be completed with a grade of C or better to meet College of Education Phase II prerequisites or USP requirements. Please note that a grade of C- or lower will not satisfy these requirements.)</p> <p>FYS _____ Sem/Yr. _____</p> <p>COM1 _____ Sem/Yr. _____</p> <p>Q _____ Sem/Yr. _____</p> <hr style="border-top: 1px dashed black;"/> <p><i>Additional IPS</i></p> <p>COM2 _____ Sem/Yr. _____</p> <p>COM3 _____ Sem/Yr. _____</p> <hr style="border-top: 1px dashed black;"/> <p style="text-align: center;">Knowledge of Human Culture (H), Physical & Natural World (PN), US/WY Constitution (V)</p> <p style="color: red; text-align: center;"><i>Courses may be part of a major, but cannot be offered by the major department. One course cannot fulfill both categories.</i></p> <p>H _____ Sem/Yr. _____</p> <p>H _____ Sem/Yr. _____</p> <p>PN _____ Sem/Yr. _____</p> <p>PN _____ Sem/Yr. _____</p> <p>V _____ Sem/Yr. _____</p> <p>ECON 1200: Economics, Law & Government (3) HIST 1211: US History to 1865 (3) HIST 1221: US History from 1865 (3) HIST 1251: History of Wyoming (3) POLS 1000: American & Wyoming Government (3) Wyoming Challenge Exam Eligible</p>	<p style="text-align: center;">Phase Prerequisites</p> <p>_____ Sem/Yr. _____</p> <p>_____ Sem/Yr. _____</p> <p><input type="checkbox"/> 2.50 minimum UW Total Institution GPA</p> <p><input type="checkbox"/> Sophomore Standing (30+ credits)</p> <hr style="border-top: 1px dashed black;"/> <p style="text-align: center;">Phase I: The above criteria must be met prior to enrollment</p> <p>_____ Sem/Yr. _____</p> <p>_____ Sem/Yr. _____</p> <p><input type="checkbox"/> C or better in Q</p> <p><input type="checkbox"/> C or better in COM1</p> <p><input type="checkbox"/> Current Wyoming Substitute Teaching Permit Sem/Yr. _____</p> <p><input type="checkbox"/> 2.75 minimum UW Total Institution GPA</p> <p><input type="checkbox"/> Junior standing (60+ credits)</p> <p><input type="checkbox"/> Application is due prior to enrollment Sem/Yr. _____</p> <hr style="border-top: 1px dashed black;"/> <p style="text-align: center;">Phase II: The above criteria must be met prior to enrollment</p> <p>_____ Sem/Yr. _____</p> <p>_____ Sem/Yr. _____</p> <p><input type="checkbox"/> 2.75 minimum UW Total Institution GPA</p> <p><input type="checkbox"/> 2.5 minimum <u>major content</u> GPA (see page 2)</p> <p><input type="checkbox"/> Application is due prior to enrollment Sem/Yr. _____</p> <hr style="border-top: 1px dashed black;"/> <p style="text-align: center;">Phase III: The above criteria must be met prior to enrollment</p> <p style="border: 1px dashed black; padding: 2px;">Phase IIIa - Methods - Offered FALL SEMESTER ONLY Sem/Yr. _____</p> <p style="color: red; text-align: center;">STRONGLY RECOMMENDED - complete Methods I & II the fall prior to your Residency.</p> <p>_____</p> <p>_____</p> <hr style="border-top: 1px dashed black;"/> <p style="border: 1px dashed black; padding: 2px;">Phase IIIb - Residency - Offered SPRING SEMESTER ONLY Sem/Yr. _____</p> <p>_____ EDSE 4500 Residency in Teaching (15 or 16)</p>

PHYSICS MAJOR CONTENT (63 minimum hours)

Minimum 2.5 GPA required in major content. All major content courses must be completed with a grade of C or higher .
Please note that grades of C- or lower will not satisfy this requirement.

REQUIRED Physics courses

	Sem/Yr. _____
	Sem/Yr. _____
	Sem/Yr. _____
ASTR 2310: General Astronomy I (4) ASTR 2320: General Astronomy II (4) PHYS 2310: Physics III, Wave & Optics (4) PHYS 3640: Modern Electronics & Experimental Techniques (4)	
	Sem/Yr. _____
	Sem/Yr. _____
PHYS 4310: Quantum Mechanics (3) ASTR 4610: Intro to Astrophysics (3)	
	Sem/Yr. _____

REQUIRED Mathematics courses

	Sem/Yr. _____

REQUIRED additional courses

	Sem/Yr. _____
	Sem/Yr. _____
	Sem/Yr. _____
ASTR 1000: Descriptive Astronomy (3) ASTR 1050: Survey of Astronomy (4)	
	Sem/Yr. _____
COSC 1010: Intro. to Computer Science I (4) COSC 1030: Computer Science I (4)	

Notes:
* Credit can only be earned with the following combinations as options for PHYS 2310:
 ASTR 1050 and ASTR 2320 OR ASTR 1000 and ASTR 2310

** We encourage students to apply to become Supplemental Instruction (SI) teachers to fulfill the PHYS 2000 level or higher elective. Students must have successfully completed the course for which they would like to lead the SI group, they must contact the instructor of the course regarding this option in advance of contacting the SI program coordinator, Jessica Willford.

Petitions & Notes (USP, UW Exception Requests, College of Education Exception Requests)

Science Endorsement Options:

- Earth Science
 Biology
 Chemistry

Upper Division Credits

Must have a minimum of 42 upper division hours to graduate.

<input type="checkbox"/> PHYS 4310/ ASTR 4610	3	<input type="checkbox"/> PHYS 4210	3
<input type="checkbox"/> PHYS 4410	3	<input type="checkbox"/> EDST 3000	6
<input type="checkbox"/> PHYS 4510	3	<input type="checkbox"/> EDST 3550	2
<input type="checkbox"/> UD PHYS	3	<input type="checkbox"/> EDSE 3275	3
<input type="checkbox"/> Electives	3	<input type="checkbox"/> EDSE 4275	3
		<input type="checkbox"/> EDSE 4500	15

Residency may also be completed for 16 credits.

TOTAL **44**
(42 hours minimum required to graduate)