

CHEMISTRY EDUCATION (CHSE) w/concurrent CHEMISTRY (CHEM)

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 grades 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="text-align: center; color: red;"><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="text-align: center; color: red;"><u>STRONGLY RECOMMENDED</u> - 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>_____</p> <p style="text-align: center;">EDSE 4500 Residency in Teaching (15)</p>

CHEMISTRY MAJOR CONTENT (65 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.

CHEMISTRY Requirements

	Sem/Yr. _____
CHEM 4507: Physical Chemistry I (3) CHEM 3550: Physical Chemistry for Life Sciences (3)	Sem/Yr. _____
CHEM 4440: Biological Chemistry (3) MOLB 3610: Principles of Biochemistry (4)	Sem/Yr. _____

REQUIRED Additional Coursework

	Sem/Yr. _____
PHYS 1110: General Physics I (4) PHYS 1210: College Physics I (4)	Sem/Yr. _____
PHYS 1120: General Physics II (4) PHYS 1220: College Physics II (4) - <i>must have completed or be concurrently enrolled in MATH 2210, Calculus III</i>	Sem/Yr. _____

ELECTIVE COURSES: 6 hours (minimum)

upper division (3000-level or above) from

Chemistry (CHEM) Life Science (LIFE) Molecular Biology (MOLB)

CHEM 4230, Instrumental Methods Chem Analysis (4) is highly recommended

	Sem/Yr. _____

Science Endorsement Options:

Earth Science Physics Biology

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

Upper Division Credits

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

<input type="checkbox"/> CHEM 4440 3	<input type="checkbox"/> CHEM 4100 2
<input type="checkbox"/> CHEM 3550 3	<input type="checkbox"/> EDST 3000 6
<input type="checkbox"/> CHEM 4110 3	<input type="checkbox"/> EDST 3550 2
<input type="checkbox"/> UD Electives 6	<input type="checkbox"/> EDSE 3275 3
	<input type="checkbox"/> EDSE 4275 4
	<input type="checkbox"/> EDSE 4500 15

Residency may also be completed for 16 credits.

TOTAL **47**
(42 hours minimum required to graduate)