



Chemistry with Option to Add Science

Name: _____ Student ID Number: _____

Candidates also complete a secondary education professional program. Grade required for endorsement courses: C (2.0) or better. Course substitutions **must be clearly noted below**.

<p>Chemistry</p> <ul style="list-style-type: none"><input type="checkbox"/> CHEM 161 - General Chemistry I<input type="checkbox"/> CHEM 162 - General Chemistry II<input type="checkbox"/> CHEM 163 - General Chemistry III<input type="checkbox"/> CHEM 333 - Analytical Chemistry<input type="checkbox"/> CHEM 351 - Organic Chemistry<input type="checkbox"/> CHEM 352 - Organic Chemistry<input type="checkbox"/> CHEM 353 - Organic Chemistry<input type="checkbox"/> CHEM 354 - Organic Chemistry Laboratory I<input type="checkbox"/> One course from:<ul style="list-style-type: none"><input type="checkbox"/> CHEM 375 - Elements of Biochemistry<input type="checkbox"/> CHEM 471 - Biochemistry I ◇<input type="checkbox"/> CHEM 461 - Physical Chemistry ◇<input type="checkbox"/> PHYS 161 - Physics with Calculus I ◇<input type="checkbox"/> PHYS 162 - Physics with Calculus II ◇<input type="checkbox"/> PHYS 163 - Physics with Calculus III ◇<input type="checkbox"/> SCED 370 - Science and Society<input type="checkbox"/> SCED 481 - Fundamentals of Teaching Science<input type="checkbox"/> SCED 491 - Methods in Secondary Education for Science Teachers<input type="checkbox"/> NES Chemistry Test Code 306	<p>Add Science (Optional)</p> <p>You can add a science add-on endorsement by passing the NES Science Test Code 311 (Pathway 1). You can be recommended by WWU, waive the OSPI fee, and get test preparation through taking the following coursework:</p> <ul style="list-style-type: none"><input type="checkbox"/> One course from:<ul style="list-style-type: none"><input type="checkbox"/> ASTR 103 - Intro to Astronomy<input type="checkbox"/> ASTR 113 - Sun, Moon, and Planets<input type="checkbox"/> BIOL 204 - Introduction to Evolution, Ecology and Biodiversity<input type="checkbox"/> BIOL 205 - Introduction to Cellular and Molecular Biology<input type="checkbox"/> BIOL 206 - Introduction to Organismal Biology<input type="checkbox"/> GEOL 211 - Physical Geology<input type="checkbox"/> GEOL 212 - Historical Geology<input type="checkbox"/> NES Science Test Code 311
<p>◇ These classes at WWU have associated prerequisites not listed in the above endorsement requirements. When planning your course of study, please attend to these. You are encouraged to talk with an advisor about how to do this.</p> <ul style="list-style-type: none">- PHYS 161: MATH 124 or MATH 134 or MATH 138 (can be completed concurrently)- PHYS 162/163: MATH 125 or MATH 135 or MATH 138 (can be completed concurrently)- CHEM 471: BIOL 205- CHEM 461: MATH 224	

Outstanding Courses:

Endorsement Advisor Signature / Date