



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 (64 Credits)</p> <ul style="list-style-type: none"><input type="checkbox"/> CHEM 121 - General Chemistry I (5)<input type="checkbox"/> CHEM 122 - General Chemistry II (5)<input type="checkbox"/> CHEM 123 - General Chemistry III (4)<input type="checkbox"/> CHEM 333 - Analytical Chemistry (5)<input type="checkbox"/> CHEM 351 - Organic Chemistry (4)<input type="checkbox"/> CHEM 352 - Organic Chemistry (4)<input type="checkbox"/> CHEM 353 - Organic Chemistry (3)<input type="checkbox"/> CHEM 354 - Organic Chemistry Laboratory I (3)<input type="checkbox"/> One course from:<ul style="list-style-type: none"><input type="checkbox"/> CHEM 375 - Elements of Biochemistry (4)<input type="checkbox"/> CHEM 471 - Biochemistry I (4)<input type="checkbox"/> CHEM 461 - Physical Chemistry (4)<input type="checkbox"/> Choose one of the following series: PHYS 114 - Principles of Physics I (5) PHYS 115 - Principles of Physics II (5) PHYS 116 - Principles of Physics III (5) or PHYS 161 - Physics with Calculus I (5) PHYS 162 - Physics with Calculus II (5) PHYS 163 - Physics with Calculus III (5)	<ul style="list-style-type: none"><input type="checkbox"/> SCED 370 - Science and Society (3) or equivalent<input type="checkbox"/> SCED 481 - Fundamentals of Teaching Science (2)<input type="checkbox"/> SCED 491 - Methods in Secondary Education for Science Teachers (5)<input type="checkbox"/> NES Chemistry Test Code 306 (Math through prerequisites: Algebra, Calculus, Multivariable Calculus) <p>Add Science (Optional, 26-27 Credits)*</p> <ul style="list-style-type: none"><input type="checkbox"/> One course from:<ul style="list-style-type: none"><input type="checkbox"/> ASTR 103 - Introduction to Astronomy (4)<input type="checkbox"/> ASTR 113 - Sun, Moon, and Planets (3)<input type="checkbox"/> BIOL 204 - Introduction to Evolution, Ecology and Biodiversity (5)<input type="checkbox"/> BIOL 205 - Introduction to Cellular and Molecular Biology (5)<input type="checkbox"/> BIOL 206 - Introduction to Organismal Biology (5)<input type="checkbox"/> GEOL 211 - Physical Geology (5)<input type="checkbox"/> GEOL 212 - Historical Geology (4)<input type="checkbox"/> NES Science Test Code 311 <p>* May be added via testing after certification via Pathway 1</p>
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Outstanding Courses:

Endorsement Advisor Signature / Date