



Name: _____ Student ID Number: _____

Candidates also complete a secondary education professional program. Endorsement courses require a cumulative GPA of 2.5 or better and a grade of C (2.0) or better for individual courses. Course substitutions **must be clearly noted below**.

Chemistry and Physics (94-114 Credits)

<ul style="list-style-type: none"><input type="checkbox"/> ASTR 315 - The Solar System (3)<input type="checkbox"/> Choose either:<ul style="list-style-type: none">CHEM 121 - General Chemistry I (5)CHEM 122 - General Chemistry II (5)CHEM 123 - General Chemistry III (4)CHEM 333 - Analytical Chemistry (5)orCHEM 125 - General Chemistry I, Honors (5)CHEM 126 - General Chemistry II, Honors (5)CHEM 225 - General Chemistry III, Honors (5)<input type="checkbox"/> CHEM 461 - Physical Chemistry (4)<input type="checkbox"/> CHEM 462 - Physical Chemistry (4)<input type="checkbox"/> Choose either option A or B:<ul style="list-style-type: none">Option A:<ul style="list-style-type: none">CHEM 251 - Elementary Organic Chemistry (5)CHEM 375 - Elements of Biochemistry (4)Option B:<ul style="list-style-type: none">CHEM 351 - Organic Chemistry (4)CHEM 352 - Organic Chemistry (4)CHEM 353 - Organic Chemistry (3)CHEM 354 - Organic Chemistry Laboratory I (3)CHEM 375 – Elements of Biochemistry (4) (or the following):<ul style="list-style-type: none">CHEM 471 - Biochemistry I (4)CHEM 472 - Biochemistry II (4)CHEM 473 - Molecular Biology (3)	<ul style="list-style-type: none"><input type="checkbox"/> Choose either:<ul style="list-style-type: none">MATH 124 - Calculus and Analytic Geometry I (5) andMATH 125 - Calculus and Analytic Geometry II (5)ORMATH 134 - Calculus I Honors (5) andMATH 135 - Calculus II Honors (5)ORMATH 138 - Accelerated Calculus (5)<input type="checkbox"/> MATH 224 - Multivariable Calculus and Geometry I (5)<input type="checkbox"/> PHYS 161 - Physics with Calculus I (5)<input type="checkbox"/> PHYS 162 - Physics with Calculus II (5)<input type="checkbox"/> PHYS 163 - Physics with Calculus III (5)<input type="checkbox"/> PHYS 226 - Physics with Calculus IV (4)<input type="checkbox"/> PHYS 224 - Modern Physics I (3)<input type="checkbox"/> PHYS 225 - Modern Physics II (3)<input type="checkbox"/> PHYS 326 - Tools and Data Analysis (3)<input type="checkbox"/> SCED 370 - Science and Society (3)<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"/> 6 additional credits of upper-division physics or astronomy to include 2-3 credits of PHYS 491 - Independent Research<input type="checkbox"/> NES Chemistry Test Code 306<input type="checkbox"/> NES Physics Test Code 308
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Outstanding Courses:

Endorsement Advisor Signature / Date