

Name: _____ Student ID Number: _____

Approved Chemistry-related majors that sufficiently cover the following content areas will fulfill Chemistry course requirements for the Chemistry endorsement: One year General Chemistry w/lab (professional series), one year Organic Chemistry, Organic Chemistry Lab, Analytical Chemistry, Biochemistry, Physical Chemistry, Inquiry, Lab Safety

Teacher certification candidates must also complete a professional preparation program in secondary education. Grade required for all endorsement courses: C (2.0) or better. **Course substitutions or waivers must be clearly noted.**

Completed ✓	BA Chemistry (88 cr) / BS Chemistry (108 cr) or approved equivalent + Science Education Courses
	<input type="checkbox"/> CHEM 121, 122, 123 General Chemistry I, II, and III (14) <i>and</i> CHEM 333 Analytical Chemistry (5); <i>or</i> <input type="checkbox"/> CHEM 125, 126, 225 General Chemistry Honors (15)
	CHEM 351 Organic Chemistry I (4)
	CHEM 352 Organic Chemistry II (4)
	CHEM 353 Organic Chemistry III (3)
	CHEM 354 Organic Chemistry Laboratory I (2)
	CHEM 355 Organic Chemistry Laboratory II (2)
	CHEM 441 Advanced Inorganic Chemistry (4)
	CHEM 461 Physical Chemistry I (4)
	CHEM 462 Physical Chemistry II (4)
	CHEM 463 Physical Chemistry III (3)
	CHEM 464 Physical/Inorganic Chemistry Laboratory (3)
	<input type="checkbox"/> CHEM 375 Elements of Biochemistry (4) <i>or</i> <input type="checkbox"/> CHEM 471, 472 Molecular Biology and Biochemistry (6)
	<input type="checkbox"/> MATH 124-125 Calculus and Analytic Geometry I, II (10); <i>or</i> MATH 134-135 Honors Calculus I, II (10); <i>or</i> MATH 138 Accelerated Calculus
	MATH 224 Multivariable Calculus and Geometry (5)
	One year of college physics required (the following sequence is recommended for BA, required for BS): <input type="checkbox"/> PHYS 121, 122 Physics with Calculus I, II (10) <input type="checkbox"/> PHYS 123 Electricity and Magnetism (5)
	<i>For BS in Chemistry, add the following courses:</i> <input type="checkbox"/> CHEM 434 Instrumental Analysis (4) <input type="checkbox"/> CHEM 465 Physical/Inorganic Chemistry LAB II (3) <input type="checkbox"/> MATH 204 Elementary Linear Algebra (4) <i>Advanced electives to total 9 credits (under advisement):</i>
	<i>Science Education:</i> <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)
	Applicable Washington Educator Skills Test – Endorsement (WEST-E)
	<i>Optional Science Endorsement – Add Applicable WEST-E and the following courses:</i> <input type="checkbox"/> GEOL 211 Physical Geology (5) <input type="checkbox"/> GEOL 212 Historical Geology (4) <input type="checkbox"/> BIOL 204 Introduction to Evolution, Ecology, and Biodiversity (4) <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"/> ASTR 103 Astronomy for the Liberal Arts (4); <i>or</i> ASTR 315 The Solar System (4)

 Endorsement Advisor Signature

 Date