

Name: _____ Student ID Number: _____

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

Completed ✓	BAE General Science – Secondary - Biology Emphasis (97-100 credits) or approved equivalent
	Physics – 15 credits: <input type="checkbox"/> PHYS 114, 115, 116 Principles of Physics I, II, III (15); <i>or</i> <input type="checkbox"/> PHYS 121, 122 Physics with Calculus I, II (10) <input type="checkbox"/> PHYS 123 Electricity and Magnetism (5)
	Chemistry – 15 credits: <input type="checkbox"/> CHEM 121, 122 General Chemistry I and II (10) <input type="checkbox"/> CHEM 251 Elementary Organic Chemistry (5)
	Earth Science – 13 credits: <input type="checkbox"/> GEOL 211 Physical Geology (5) <input type="checkbox"/> GEOL 212 Historical Geology (4) <input type="checkbox"/> ASTR 103 Astronomy for the Liberal Arts (4)
	Science Education – 10 credits: <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)
	Biology – Minimum 42 credits: <i>Professional Survey Series</i> <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) <i>Genetics, Cellular/Molecular Biology, Ecology, and Evolution</i> <input type="checkbox"/> BIOL 321 Genetics (4) <input type="checkbox"/> BIOL 323 Cell and Molecular Biology (4) <input type="checkbox"/> BIOL 322 Genetics Lab (4) <i>or</i> BIOL 324 Methods in Molecular Biology (3) <input type="checkbox"/> BIOL 325, 326 Ecology and Lab (5) <input type="checkbox"/> BIOL 432 Evolutionary Biology (4) <i>Botany with Lab – One of the following</i> <input type="checkbox"/> BIOL 450 Plant Anatomy (5) <input type="checkbox"/> BIOL 451 Plant Growth and Development (3) <i>and</i> <input type="checkbox"/> BIOL 453 Investigations in Plant Development (3) <input type="checkbox"/> BIOL 452 Systematic Biology (5) <input type="checkbox"/> BIOL 479 Plant Physiology (5) <i>Zoology with Lab – One of the following</i> <input type="checkbox"/> BIOL 460 Invertebrate Zoology (5) <input type="checkbox"/> BIOL 465 Vertebrate Zoology (5) <input type="checkbox"/> BIOL 467, 468 Comparative Vertebrate Physiology and Lab (6) <input type="checkbox"/> BIOL 482, 484 Developmental Biology of Animals and Lab (8)
	Applicable Washington Educator Skills Tests – Endorsement (WEST-E)

 Endorsement Advisor Signature

 Date