

Name: _____ Student ID Number: _____

Teacher candidates must 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 or waivers must be clearly noted.**

| Completed ✓ | BAE Physics/Mathematics - Secondary (106-107 Credits) or approved equivalent |
|----------------|--|
| | <p><i>Physics and Astronomy:</i></p> <ul style="list-style-type: none"> <input type="checkbox"/> PHYS 121, 122 Physics with Calculus I, II (10) <input type="checkbox"/> PHYS 123 Electricity and Magnetism (5) <input type="checkbox"/> PHYS 219 Principles of Relativity (3) <input type="checkbox"/> PHYS 223 Waves and Optics (3) <input type="checkbox"/> PHYS 233 Waves and Optics Laboratory (1) <input type="checkbox"/> PHYS 224 Modern Physics I (4) <input type="checkbox"/> PHYS 225 Modern Physics II (3) <input type="checkbox"/> PHYS 322 Fundamentals of Electronics (4) <input type="checkbox"/> PHYS 326 Tools and Data Analysis (2) <input type="checkbox"/> PHYS 391 Junior Lab I (2) <input type="checkbox"/> ASTR 315 The Solar System (4) <p>Ten (10) credits of upper division physics or astronomy courses including 2-3 credits from one of the following:</p> <ul style="list-style-type: none"> <input type="checkbox"/> PHYS 491 Senior Project in Experimental Physics <input type="checkbox"/> PHSY 492 Senior Project in Theoretical Physics <input type="checkbox"/> ASTR 493 Senior Project in Astronomy |
| | <p><i>Science Education:</i></p> <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) |
| | <p><i>Mathematics:</i></p> <ul style="list-style-type: none"> <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 <input type="checkbox"/> *Math 204 Elementary Linear Algebra (4) <input type="checkbox"/> MATH 209 Discrete Mathematics (4) <input type="checkbox"/> MATH 224 Multivariate Calculus and Geometry (5) <input type="checkbox"/> *MATH 331 Ordinary Differential Equations (4) <input type="checkbox"/> MATH 360 Euclidean and Non-Euclidean Geometry (4) <input type="checkbox"/> MATH 419 Historical Perspectives of Mathematics (3) <input type="checkbox"/> MATH 483 Methods of Teaching Secondary Mathematics (4) <p>At least two from the following:</p> <ul style="list-style-type: none"> <input type="checkbox"/> MATH 207 Mathematical Computing (3) <input type="checkbox"/> MATH 341 Probability and Statistical Inference (4) <input type="checkbox"/> MATH 410 Mathematical Modeling (4) |
| | Applicable Washington Educator Skills Tests – Endorsement (WEST-E) |

* MATH 203 and 303 – Linear Algebra and Differential Equations I and II, may be substituted for MATH 204 and 331

 Endorsement Advisor Signature

 Date