

ADD-ON ENDORSEMENT— GENERAL SCIENCE

Teacher Certification/Add-on Endorsements

Grades: most upper division courses require either a minimum grade \geq C in each prerequisite or permission of the instructor in order to register.

For students who currently possess a Washington State Teaching Certificate. This add-on satisfies the General Science endorsement and allows teachers to teach any science grades 5–12.

To improve their marketability as science teachers, students may wish to complete this option in addition to their BAE in Biology, Chemistry, Earth and Space Science or Physics.

Individuals with an endorsement in one of the sciences can receive a General Science Endorsement if they are successful in passing the General Science West E exam. However, we recommend taking the following courses in order to increase the likelihood of passing the exam.

Required Courses

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| BIOL 171 & BIOL 172 & BIOL 173 | BIOLOGY I and BIOLOGY II and BIOLOGY III | 15 |
| CHEM 171 & 171L & CHEM 172 & CHEM 172L & CHEM 173 & CHEM 173L | GENERAL CHEMISTRY I and GENERAL CHEMISTRY LABORATORY I and GENERAL CHEMISTRY II and GENERAL CHEMISTRY LABORATORY II and GENERAL CHEMISTRY III and GENERAL CHEMISTRY LABORATORY III | 15 |
| GEOG 314 | WEATHER FORECASTING | 5 |
| GEOS 111 & GEOS 112 | THE EARTH'S INTERIOR and THE EARTH'S SURFACE | 10 |
| PHYS 121 | DESCRIPTIVE ASTRONOMY | 5 |
| PHYS 131 & PHYS 132 & PHYS 161 & PHYS 162 | INTRODUCTORY PHYSICS I and INTRODUCTORY PHYSICS II and MECHANICS LABORATORY and HEAT AND OPTICS LABORATORY | 10 |
| Program will determine the appropriate Teaching Methods courses. | | 5 |
| BIOL 390 | BIOLOGY TEACHING METHODS | |
| CHEM 390 | CHEMICAL METHODS IN SECONDARY SCHOOL | |
| GEOL/GEOG 390 | EARTH SCIENCE TEACHING METHODS | |
| PHYS 390 | PHYSICS TEACHING METHODS | |
| SCED 390 | SCIENCE TEACHING METHODS | |
| Total Credits | | 65 |