

# ADD-ON ENDORSEMENT— GENERAL SCIENCE

## Teacher Certification/Add-on Endorsements

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

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
<b>Program will determine the appropriate Teaching Methods courses.</b>		<b>5</b>
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