

# GENERAL SCIENCE/ADD-ON ENDORSEMENT

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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	BIOLOGY I	5
BIOL 172	BIOLOGY II	5
BIOL 173	BIOLOGY III	5
CHEM 151	GENERAL CHEMISTRY	5
CHEM 152	GENERAL CHEMISTRY	5
CHEM 153	GENERAL CHEMISTRY	5
GEOG 314	WEATHER AND CLIMATE	5
GEOL 120	PHYSICAL GEOLOGY - THE SOLID EARTH	5
GEOL 121	PHYSICAL GEOLOGY - SURFICIAL PROCESSES	5
PHYS 121	DESCRIPTIVE ASTRONOMY	5
PHYS 131	INTRODUCTORY PHYSICS I	4
PHYS 132	INTRODUCTORY PHYSICS II	4
PHYS 161	MECHANICS LABORATORY	1
PHYS 162	HEAT AND OPTICS LABORATORY	1
<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 390	EARTH SCIENCE TEACHING METHODS	
or GEOG 390	EARTH SCIENCE TEACHING METHODS	
PHYS 390	PHYSICS TEACHING METHODS	
SCED 390	SCIENCE TEACHING METHODS	

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Total Credits 65