

**WSU College of Education, Sport, and Human Sciences: Teacher Education Program
Earth and Space Science Endorsement**

Requirements: 65-68 Credit Hours

Name: _____ **WSU ID #:** _____

Earth and Space Science NES Passed: _____ **Date:** _____

Prefix	Course	Crs.	Grade	Sem.	Notes
SOE 101/102*	Intro to Geology/Physical Geology	4			
SOE 210	Earth's History & Evolution	4			
SOE 315	Water and the Earth	3			
SOE 320	Field Petrology	3			
SOE 340	Structural Geology and Plate Tectonics	4			
SOE 350	Earth Materials	4			
SOE 499	Special Problems	1-3			
PHYSICS 101	General Physics	4			
PHYSICS 102	General Physics	4			
CHEM 105	Principles of Chemistry I	4			
CHEM 106	Principles of Chemistry II	4			
BIOLOGY 106	Intro Biology: Organismal Biology	4			
ASTRONOM 345	Principles of Astronomy	3			
CE 402	Applied Meteorology	3			
TCH LRN/BIOLOGY 430	Methods of Teaching Science	3			

*SOE 102 is preferred. Credit cannot be granted for both classes.

Complete Six (6) Elective Credits of Upper Division Geology (Geomorphology and Oceanography Recommended):

Prefix	Course	Crs.	Grade	Sem.	Notes
		3			
		3			

Choose One (1) of the Following:

Prefix	Course	Crs.	Grade	Sem.	Notes
MATH 140	Calculus for Life Scientists	4			
MATH 171	Calculus I	4			

Choose One (1) of the Following:

Prefix	Course	Crs.	Grade	Sem.	Notes
PSYCH 311	Elementary Statistics in Psychology	4			
STAT 212	Intro to Statistical Methods	4			
STAT 412	Statistical Methods in Research I	3			

Endorsements designate the subject matter an individual is authorized to teach.

The above requirements are for the teaching endorsement only and do not necessarily fulfill the requirements for a major/minor. The student is responsible for all course prerequisites and for satisfying departmental requirements for graduation.