

WSU College of Education Teacher Education Program
Earth and Space Science Endorsement

Requirements: 65-68 Credit Hours

Name: _____

WSU ID #: _____

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):

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|--------|--------|------|-------|------|-------|
| | | 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.