



## STEM Teaching Program Minor

The STEM Teaching Program prepares students to teach science or mathematics at the middle school, junior high, or high school levels. To take the STEM Teaching Program, students must also be enrolled in one of the approved majors listed below. To qualify for the Washington State Residency Teaching Certificate, students must, in addition to successfully completing the STEM Teaching Program and their approved major degree, demonstrate proficiency in student learning outcomes through a program portfolio and pass the NES exam and the Teacher Performance Assessment (edTPA) in their endorsement area. Certification eligibility is monitored by the Teacher Certification Office in the School of Education. See the STEM Teaching Program advisor as soon as possible for more information and to develop a course of study.

**Approved Majors:** Biology, Chemistry, Geology, Physics, Middle Level Science, Mathematics, Secondary Math, Middle Level Math

### Admission Requirements

- Full admittance to the Teacher Certification is required to enroll in STP303 (Knowing and Learning)

### Graduation Requirements

- No grade lower than a C in major, minor and STEM Teaching Program courses
- Minimum GPA of 2.5 in major, minor and STEM Teaching Program courses
- Minimum GPA of 3.0 for last 45 graded quarter credits (the total may exceed 45 if an entire quarter is needed to achieve the minimum 45) or overall CWU/transfer cumulative.

### Program Requirements

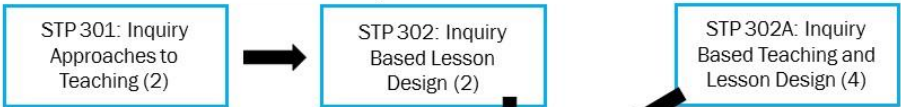
- Fingerprint Clearance - Candidates must have valid WSP and FBI fingerprint clearance in order to complete any course that requires the candidate to be working with P-12th grade children on or off campus. The fingerprint clearance must be valid through the duration of the course. Fingerprint clearance must appear in the Office of Superintendent of Public Instruction (OSPI) Fingerprinting Database to be accepted.
- Liability Insurance

### Pre-Requisites

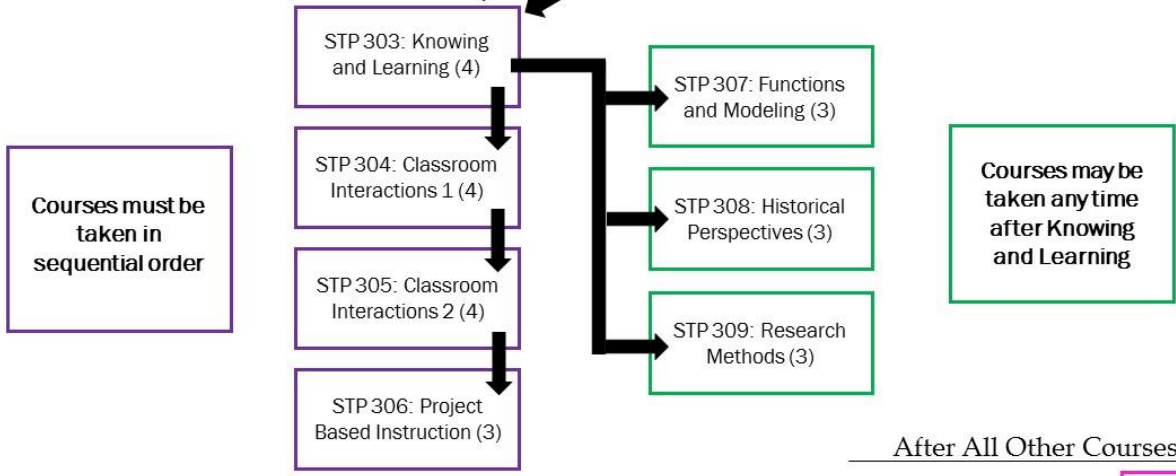
- Major/Minor applications completed    Entry to major survey completed  
 Teacher Certification application completed

Required Courses	Credits	Plan	Completed
<b>STEM Teaching Program (Minor)</b>			
<i>Pre-admission courses (must complete before full admission)</i>			
STP 301 Inquiry Approaches to Teaching	OR STP 302A Inquiry Based Teaching & Lesson Design (4)		
STP 302 Inquiry Based Lesson Design			
<i>Fully Admitted Courses (must be fully admitted to Teacher Certification)</i>			
STP 303 Knowing and Learning (pre-req to all following classes)	4		
STP 304 Classroom Interactions 1	4		
STP 305 Classroom Interactions 2	4		
STP 306 Project-Based Instruction	3		
STP 307 Functions and Modeling	3		
STP 308 Historical Perspectives in STEM Education	3		
STP 309 Research Methods	3		
EFC 480 – Student Teaching (Must meet all Student Teaching Requirements)	16		
<b>Minor subset:</b>	<b>44</b>		

Pre-Admission Courses



Fully Admitted Courses



After All Other Courses are Completed

