INFORMATION FOR STUDENTS INTERESTED IN
TEACHING HIGH SCHOOL CHEMISTRY

The University of Washington has an accredited teacher preparation program that leads to a Master in Teaching. Prerequisites for entry into the UW Teacher Education Program (TEP) for teaching Secondary School include:

http://education.washington.edu/areas/tep/secondary/secondary_apply.html

- Bachelor’s degree
- Experience prior to application: a minimum of 40 hours of documented experience (observation and participation) with the age level you wish to teach, in a high need school, group instructional setting, within the last 5 years, in an ethnically and racially diverse community in the United States. (Classroom experience through EDUC 401, the Pipeline Program may be used.) Document your experience using the Description and Assurance of Classroom Observation form.
- Washington Educator Skills Test - Basic (WEST-B). Basic skills competency of all teaching candidates. For dates and locations and to register online for the WEST-B, go to www.west.nesinc.com.
- Content Knowledge Test (WEST E). For dates, locations, sample tests and registration information for the West-E go to: http://www.west.nesinc.com/index.asp
- 3.0 grade point average from the most recent 90 graded quarter (60 semester) credits.
- A course on education of an ethnic group in the United States (minimum 2.0 grade required).
- Approved Primary Endorsement. Applicants should contact the UW Chemistry Advisers to have coursework evaluated for a Chemistry Endorsement. Coursework should be at least 45 credit hours and include General Chemistry, Organic & Biochemistry, Chemistry, Inorganic Chemistry, Analytical Chemistry, Physical Chemistry, Physics, research experience, teaching/classroom experience.

UW Course Equivalencies for a Primary Endorsement:

- General Chemistry (15 cr.) CHEM 142/152/162
- Organic and Biochemistry (14-18 cr.) CHEM 223/224/241/242 or CHEM 237/238/241/242
- Inorganic Chemistry (3 cr.) CHEM 312
- Analytical Chemistry (5 cr.) CHEM 321 (BIOC 426 also accepted)
- Physical Chemistry (3 cr.) CHEM 452, or 455, or 456
- Physics (8-10 cr.) PHYS 114/115 or 121/122
- Research Experience (2 cr.) CHEM 399
- Teaching Experience in Chemistry EDUC 401 (Pipeline) or EDC&I 471 or TA for UW Chem

Other Requirements

- At least five chemistry credits, to include one lecture and one laboratory course approved by the Chemistry Department, must be taken within five years of application to the College of Education
- A minimum grade of 1.7 is required for each chemistry course and an overall cumulative chemistry GPA of 2.50 is required.
- Please note that the requirements listed here do not constitute a bachelor’s degree in chemistry.

Endorsement in General Science

Once a Chemistry endorsement (or other primary science endorsement such as Biology) is complete, an endorsement in General Science can be obtained by taking the WEST-E in General Science. The General Science Endorsement qualifies you to teach any science (grades 4-12) after you’ve achieved a primary science endorsement.