

## 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](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 on line for the WEST-B, go to [www.west.nesinc.com](http://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 237/238/239/241/242
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.