

### !!!Career Information At a Glance

Chemistry teachers educate students about the natural sciences. Check out this chart to learn what is expected of chemistry teachers, how to become one, and what you might earn.

	__Degree Required__		<i>Bachelor's or master's</i>
	__Education Field of Study__		Chemistry \\ Secondary
	__Certification Required__		State-approved teaching
	__Key Skills__		<i>Chemistry knowledge</i>
	__Job Growth for Related Occupations (2012–2022)__		<i>clearly</i>
	__Average Salary (2013)__		6% "(for all secondary
			\$58,260 "(for all secondary

"Source: \*U.S. Bureau of Labor Statistics"

### !!What Education Do I Need to Become a Chemistry Teacher?

If you want to teach chemistry in college, you need to have a master's degree, preferably in chemistry or a related science field. Some employers may seek professors with a background in teaching as well.

You must have a teaching certificate in order to teach high school or middle school chemistry. To obtain this certificate, you need a bachelor's degree in chemistry plus a state-specified number of credit-hours in education. You must also pass a state-approved certification test. Most bachelor's degree programs for chemistry teachers include the necessary education courses; some even include certification preparation and testing as part of the program. Although student-teaching is sufficient to meet experience requirements for most secondary school jobs, a few require a year or more of post-graduate experience.

### !!What Skills Do I Need?

To teach well, you need strong oral and written communication skills. You should also be resourceful about locating experts in the field or looking into local museums and colleges to round out your lessons. Good interpersonal skills allow you to work well with superiors, colleagues, students and parents. A passion for science, math and chemistry in particular can improve your career success and prowess in the classroom.

### !!What Would My Duties Be?

As a chemistry teacher, you create and maintain lesson plans with regard to the physical and natural sciences. You work with students in the classroom while marking their work, providing grades and creating progress reports. Chemistry teachers lead classrooms and must keep order over a group of students, but may

also meet one-on-one with students or arrange meetings with other administrators as well as parents. Projects, experiments and field trips may factor into a chemistry curriculum; you may need to plan and execute these activities and other extracurricular events.

!!What Salary Could I Earn?

The U.S. Bureau of Labor Statistics ("[www.bls.gov](http://www.bls.gov)") reports that the median salary for postsecondary chemistry teachers was \$83,330 as of May 2013. The median salary for all middle school teachers at that time was \$56,630, while for all secondary teachers it was \$58,260.