



**BALL STATE  
UNIVERSITY**



## Chemistry Education Major

**You might make  
a great science  
teacher if...**

- **You're a natural leader**  
You know how to organize and lead a group.
- **You're interested in social justice**  
Teachers help students understand social justice issues and encourage change.
- **You love science**  
and you enjoy sharing it with others.

**Chemistry Teaching Majors** graduate with a Chemistry degree and qualifications for a license to teach middle school science and high school chemistry courses.

Students in the secondary science teaching programs benefit from experiences and expertise in their home department where they take courses in content and content teaching methods and learn from experts in the fields of biology, chemistry, and physics.

Secondary science teaching students spend time in middle and high school classrooms, gaining real-world experience designing lesson plans, expanding their teaching skills, and learning along side professionals.

### Career Opportunities

Science teachers are in high demand! Our graduates have seen 100% job placement each of the last 12 years. Other advantages to becoming a chemistry teacher include:

- **Find a job anywhere:** Teachers are needed everywhere. Choose where you work in the U.S. or internationally.
- **Teach your passion:** Secondary education teachers are specialized in their field of interest and teach content they know and love.
- **Work-Life Balance:** Teachers have convenient schedules and time during summers for professional learning or to follow other passions, travel, and raise a family.



## Opportunities

Chemistry Teaching majors can gain hands-on research experience and learn valuable leadership skills with student organizations.

- **Teaching Opportunities**

Qualified undergraduates may be selected as supervised teaching assistants for introductory and upper division lab courses for pay or credit. Undergrad TAs lead pre-lab instruction, and facilitate experiments, and grade assignments.

- **Research Opportunities**

Chemistry Teaching majors can participate in research that may result in publications. The Chemistry Research Program (CRISP) helps students conduct summer research for pay or credit.

- **Student Organizations**

**LSAMP**, the Louis Stokes Alliance for Minority Participation, is an NSF-funded project that broadens participation of underrepresented minorities in STEM fields. LSAMP members conduct research and mentor peers.

**SAACS**, the Student Affiliates of the American Chemical Society, leads Science Day chemistry demonstrations for school groups, and helps judge regional science fairs.

## Clinical Practice

Participate in clinical practice experiences throughout your program, including observing in local schools and practicing in real classrooms leading up to your own student teaching experience.

## About the Program

### University Core Curriculum

A broad base of content includes coursework from natural sciences, humanities, fine arts and more.

### Chemistry Core Curriculum

Earn a degree in Chemistry with a core of courses in general, organic, inorganic, and physical chemistry.

### Professional Education Sequence

Courses about teaching and learning, pedagogy, and clinical experiences in schools.

### Electives

Customize your degree by choosing courses, lab research, or study abroad programs.



**BALL STATE  
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and Humanities**  
Department of Chemistry

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**Click to View Chemistry Teaching Program**