

Chemistry Education Secondary

Required Courses

Why Choose Chemistry Education?

Chemistry teachers guide students in discovering the marvelous logic, efficient simplicity and design behind a myriad of complex events in nature. The technological revolution has added an infectious new excitement to the lessons of chemistry. Chemistry education today provides access to new knowledge, helping people understand how things happen in the natural and physical environment.

The employment outlook for chemistry education students is excellent. Graduates are prepared to teach in high schools and also have the necessary basic preparation to enter a career in industry or pursue an advanced degree in science. One semester of directed teaching at the secondary level is required. A teaching minor is also required.

Career Opportunities

Chemistry education is a four-year curriculum that may be selected as a major. A teaching minor is also required. You cannot have a chemistry teaching minor with this teaching major. Successful completion of the program leads to recommendation for a Michigan Secondary Provisional Certificate. The program is designed to take full advantage of the unusual, hands-on Ferris instructional capabilities in developing both teaching and subject matter competency. Students receive the broad background in classroom, laboratory and field training essential to be effective teachers.

Admission Requirements

High school students and transfer students with 29 credit hours or less must possess a high school grade point average of 2.5 (on a 4.0 scale) or an ACT composite score of 17 or 900 SAT. Transfer students with 30 credit hours or more must possess a 2.0 cumulative GPA. Students transferring into the program with completed majors or minors must have the appropriate GPA as established by each department. Consult individual program description for other admission requirements.

General Education Requirements

All University General Education requirements for a Bachelor's degree is here

Please consult this link for a complete listing of General Education Electives.

Consult the Required Courses above or the program advisor for program specific General Education requirements.

Teacher Certification Requirements

As required by the State of Michigan to receive teacher certification, all teacher candidates must: (1) must meet the MDE (CAEP) cohort requirements, (2) pass the Michigan Test for Teacher Certification content tests in their subject area majors, and (3) have a 2.75 minimum GPA to receive teacher certification in Michigan. These state requirements are in addition to the FSU graduation requirements of your individual program.

Graduation Requirements

The chemistry education program leads to a Bachelor of Science degree through the School of Education, College of Education & Human Services. Graduates must complete all of FSU's general education, chemistry, and education requirements. Professional education requirements include a semester of directed student teaching. Consult individual program description for other admission requirements.

A 2.75 GPA is required for successful completion of this major.

More Information

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