BSEd in Secondary Education with Emphasis in Chemistry

Degree Program Description

The Bachelor of Science in Education in Secondary Education prepares students to work with children from ninth through twelfth grade in public, private, and alternative school systems. You may consider a degree in education if you enjoy working with children and/or adolescents, want to strengthen the future through education, and want to make a difference in the lives of others. MU Students work closely with mentors, practicing teachers, administrators, and university faculty to develop the knowledge and skills to enhance learning outcomes for children and youth. The coursework through the College of Education focuses on teachers’ roles in facilitating learning at all levels of development and considers the influences of cultural, political, historical, and economic factors on students, teachers, and schools. Upon successfully completing the initial teacher certification process, the state grants you certification in secondary chemistry. Practical and rewarding clinical training in schools and agencies begins sophomore year, and continues each semester culminating in a senior-level teaching internship, enhancing teaching skills and confidence. Coursework within Secondary Chemistry provides you with experience in the methods of teaching chemistry and supporting learners in the development of scientific literacy. This includes consideration of the nature of science, methods for teaching science, strategies for assessing science learning, and pathways for developing into a professional chemistry educator.

Major Program Requirements

Students must complete all university, general education, and content requirements, in addition to degree requirements. Please meet with an Academic Advisor to discuss degree requirements and to create a semester plan.

As Mizzou Ed continues to implement the new Missouri Standards for the Preparation of Educators mandated by the Department of Elementary and Secondary Education (DESE), curriculum changes will be required that must be met in order to complete your degree and earn teacher certification. Those changes may become effective at any point during your academic program. Therefore, it is extremely important that you DO NOT SELF ADVISE.

Semester Plan

This degree does not currently have a sample semester plan. Please schedule an appointment with an academic advisor to discuss courses.