

Section 9—Methods for Instruction--Chemistry (DC)

All Chemistry minors and majors seeking a **secondary** certification must successfully complete the following Education courses specific to the field of Chemistry:

EDU 469 Curriculum and Methods of Teaching in Secondary Schools I (2 semester hours).

EDU 475 Curriculum and Methods of Teaching in Secondary Schools II: Science (3 semester hours).

Candidates are required to address the specific skills and concepts of their specific minor and major as they develop lessons, units, and other assignments in the class.

Secondary candidates are also required to take EDU 478 or 578 Reading in the Content areas as well as the technology (EDU 459 or 600) and special education course (SED 460 or 560). As candidates learn how to teach reading in the subject areas and review textbooks and other literature for appropriate secondary reading levels, Chemistry minors and majors are expected to include their subject area skills and unique reading requirements to complete written and oral reports and to create unit and lesson plans for secondary Chemistry courses. The same is true for the projects in the technology courses and for adapting secondary standards for special needs students placed in a general education Chemistry course.

Secondary Education candidates must complete the appropriate Student Teaching course (EDU 490 Student Teaching in the Secondary Schools—8 semester hours in 9-12 grades) in a secondary school assignment with a Co-operating Teacher who teaches Chemistry.