

# Certificate in Science Teaching in Chemistry

The Graduate Certificate in Teaching Chemistry covers the broad field of chemistry. These courses are high-energy, high-interest courses; increasing a student's content knowledge and confidence when teaching chemistry in the classroom. The subject matter can be used as an introduction to chemistry or to strengthen one's current knowledge.

Complete 12 credits selected from the below list, or other approved credits from the MS in Science Education (MSSE) Program Course Catalog (<https://www.montana.edu/msse/course-catalog/>):

CHMY 587	Exploring Chemistry for Teachers (Summer-Online)	3
CHMY 593	Kinetics, Equilibrium & Thermodynamics for Teachers (Spring-Online)	3
CHMY 594	Lab Safety for Teachers (Summer-On Campus)	1
CHMY 595	Chemistry of the Environment for Teachers (Summer-Online)	3
CHMY 596	Exploring Organic Chemistry for Teachers (Fall-Online)	3
CHMY 597	Exploring Biochemistry I for Teachers (Summer-Odd Years-Online)	3
CHMY 598	Exploring Biochemistry: Metabolism for Teachers (Summer-Even Years-Online)	3
CHMY 599	An Atoms-First Primer for AP/IB Chemistry Teachers (Fall-Odd Years-Online)	3
LRES 582	Streamside Science for Teachers (Summer-Online)	3
LRES 584	Twelve Principles of Soil Science for Teachers (Spring-Odd Years-Online)	3
LRES 585	Water Quality in the Classroom for Teachers (Spring-Even Years-Online)	3
MSSE 502	Emerging Technology and the Science Classroom (Summer-Online)	2