

Specific Area Endorsement Requirements

CHEMISTRY

Chemistry Endorsement Requirements: To be licensed to teach secondary school Chemistry, the candidate must satisfactorily complete requirements for a baccalaureate degree to include the following **Chemistry Courses** and **Support Courses** or their **approved** equivalents. Grade requirements for teacher licensure are different than grade requirements for the major. Teacher Licensure candidates must receive grades of "C-" or higher in the coursework listed below.

Chemistry Courses		
Course	General Chemistry	Credits
CHEM 131, 132	General Chemistry I & II	6
CHEM 135L-136L	Special General Chemistry Lab (preferred, but 131L-132L General Chemistry Lab acceptable)	2-3
CHEM 370	Inorganic Chemistry I	3
CHEM 331	Physical Chemistry I	3
CHEM 336L	Applied Physical Chemistry Lab	1
CHEM 241-242	Organic Chemistry Lecture	6
CHEM 351	Analytical Chemistry	4
CHEM 361	Biochemistry I	3
CHEM 287L-288L	Integrated Inorganic/Organic Lab	4
Total Minimum Chemistry Credits		32-33
Support Courses		
PHYS 240, 250	University Physics I-II (PHYS 140-150 acceptable)	6
BIO and GEOL	Minimum of 3 credits in each	6
MATH 235-236	Calculus I & II	8
CHEM 325	Chemical Hazards and Laboratory Safety	1
Total Minimum Support Credits		21
Total Minimum Endorsement Credits		53-54

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