

# CHEMISTRY EDUCATION, BS

Code	Title	Credits
<b>Chemistry Requirements</b>		
CHEM 231	General Chemistry I	3
CHEM 231L	General Chemistry I Lab	1
CHEM 232	General Chemistry II	3
CHEM 232L	General Chemistry II Lab	2
CHEM 243	Analytical Chemistry I	5
CHEM 351	Organic Chemistry I	3
CHEM 351L	Organic Chemistry I Lab	2
CHEM 352	Organic Chemistry II	3
CHEM 352L	Organic Chemistry II Lab	2
CHEM 364	Chemical Thermodynamics and Kinetics	3
CHEM 420	Chemistry Seminar	1-2
<b>Related Fields</b>		
<i>Math Course</i>		
MATH 150	Calculus I	5
Select <b>one</b> of the following Physics groups:		8-10
<i>College Physics Group</i>		
PHYS 141	College Physics I	
PHYS 141L	College Physics I Lab	
PHYS 142	College Physics II	
PHYS 142L	College Physics II Lab	
<i>University Physics Group</i>		
PHYS 181	University Physics I	
PHYS 181L	University Physics I Lab	
PHYS 182	University Physics II	
PHYS 182L	University Physics II Lab	
<b>Education Requirements</b>		
The student must fulfill the Professional Education Requirements for licensure <sup>1</sup>		
<b>Total Credits</b>		<b>41-44</b>

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The student must fulfill the 9-12 professional education requirements for licensure; see the Education Department (<https://www.smsu.edu/academics/programs/education/>) regarding these requirements.