

UNIVERSITY OF NEBRASKA AT KEARNEY

Educator Certification Office

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Endorsement Program Information—Chemistry 7-12

Content	Credit Hours	Professional Sequence Choose one option:	Credit Hours
CHEM 160 General Chemistry	3	Face-to-Face Program: TE 100GS Teaching in a Democ. 3 TE 204 Typical/Atypical 4 TE 206 Instructional Technology 3 TE 319 Mgmt. and Assess 2 TE 320 Field Experience 2 TE 306 Reading & Inclusion K-12 2 TE 400 Student Teaching 12 <hr/> Prof. Seq. Total Hours: 28 --OR-- Transitional Cert. Prog. (TCP): TE 831 Prof. Knowledge I 6 TE 832 Prof. Knowledge II 6 TE 833 Context of Education 6 TE 836 Student Teaching 6 <hr/> TCP Prof. Seq. Total Hours: 24	
CHEM 160L General Chemistry Lab	1		
CHEM 161 General Chemistry	3		
CHEM 161L General Chemistry Lab	1		
CHEM 301 Analytical Chemistry	3		
CHEM 301L Analytical Chemistry Lab	1		
CHEM 269 Soph Seminar in Chem	1		
CHEM 250 Elementary Organic Chem**	4		
CHEM 250L Elem Organic Chem Lab	1		
CHEM 351 Biochemistry	3		
CHEM 351L Biochemistry Lab	1		
CHEM 480 Physical Chemistry	3		
CHEM 480L Physical Chemistry Lab	1		
MATH 115 Calculus I/Anal Geometry	5		
PHYS 201GS Earth Science	4		
PHYS 275GS General Physics I (Calc)	4		
PHYS 275LGS Gen Physics I Lab	1		
PHYS 471* or BIOL 471* Methods	3		
BIOL 105GS or 103GS Biology I	4		
Total Content Hours:	47		
		<i>An additional endorsement program (for those who already qualify for a teaching certificate) requires a 3 cr. hour practicum. The above professional sequence classes are not required.</i>	
Total Hours in Program: 71-75			

*PHYS 471 or BIOL 471 is waived if in Transitional Certification Program (TCP).

** Organic Chemistry requirement may be met by taking either CHEM 250/250L **OR** 360/360L.

Additional Information:

- For more information from the [Chemistry Department](#), please visit their website.
- [Admission to Teacher Education](#), including successful completion of the Praxis Core exams, is required for those seeking Initial Certification. Visit ets.org for Nebraska testing requirements.
- The Praxis Subject Assessment test is required for certification in Nebraska for most endorsements. Visit ets.org for Nebraska testing requirements.
- The program information shown above is intended for general information and is subject to change. A transcript review/program of study provides an official list of classes required for the endorsement.
- Not all content classes are available on-line.