

**Major:** BA Chemistry for Education Licensure**Department:** Chemistry

As of March 2011. For illustrative purposes only; does not replace catalog. Academic advising is individualized.

Freshman Year - Fall Semester		
Course	Credit	Grade
CHEM 103	4	
CHEM 103 LAB	--	
LA-101	2	
ENG 101	3	
REL 101 or 102	3	
GEOL 101	3	
Electives	2	

Freshman Year - Spring Semester		
Course	Credit	Grade
CHEM 104	4	
CHEM 104 LAB	---	
REL 101 or 102	3	
Math 141 or 151	3	
COMM 135	3	
PHYS 102	3	

Sophomore Year - Fall Semester		
Course	Credit	Grade
CHEM 301	4	
CHEM 301 LAB	---	
Phys 103	4	
ENG-201	3	
Foreign Language	3	
EDUC 204	3	

Sophomore Year - Spring Semester		
Course	Credit	Grade
CHEM 302	4	
CHEM 302 LAB	--	
Phys 104	4	
Foreign Language	3	
PSY 204 or PSY/CFS206	3-4	
EDUC 350	2	

Junior Year - Fall Semester		
Course	Credit	Grade
CHEM (305 or 401/415) <sup>1</sup>	4	
CHEM 201	2	
CHEM 411	1	
ENG-301	3	
Educ 203	3	
Biol 105	3	

Junior Year - Spring Semester		
Course	Credit	Grade
CHEM (306 or 402/416) <sup>1</sup>	4	
CHEM 412	1	
EDUC 403	3	
EDUC 403	3	
SPED 313	3	
APPROVED HISTORY	3	

Senior Year - Fall Semester		
Course	Credit	Grade
BIOL 102	3	
Approvd Studies Per/Soc Res.	3	
Approved Stud.World Persp.	3	
EDUE 423	3	
EDUC 450	3	

Senior Year - Spring Semester		
Course	Credit	Grade
EDUC 463-465-467	12	

**Notes:**

<sup>1</sup>May be taken in sophomore or junior year by rearranging schedule. Chem 305/306 offered fall odd years/spring even years; Chem 401/415 fall even ; 402/416 spring odd. Also consider other Chem electives. Chem 201 is co-requisite or pre-requisite for Chem 305 & Chem 401. Calculus and physics are also pre-requisites for Chem 401/415.

Total number of hours required for degree must equal or exceed 128; minimum 28 in chemistry for BA. Courses numbered 300 or 400 taken from a 4 year college must equal or exceed 36, 12 of which must be 300-400 level chemistry at C-N. Credits from a 4-year college must equal or exceed 60. Minimum hours from C-N = 32. C-N GPA, Cum GPA and each chemistry course counted toward the major must equal or exceed 2.0 grade.

*Carson-Newman College*

*CURRICULUM MAP*