

Curriculum Content: CHEMISTRY
38-44 Semester Hours Required

Praxis test – Chemistry: Content Knowledge (20245)

Course #	Course Title	Hours	Grade	Semester Offered
CH 141	General Chemistry I	4		Fall
CH 142	General Chemistry II	4		Spring
CH 143	General Chemistry Lab I	1		Fall
CH 144	General Chemistry Lab II	1		Spring
OR				
CH 151	Chemical Principles	4		Fall
CH 153	Chemical Principles Lab	1		Fall
CH 221	Organic Chemistry I	3		Fall
CH 222	Organic Chemistry II	3		Spring
CH 223	Organic Chemistry Lab I	1		Fall
CH 224	Organic Chemistry Lab II	1		Spring
CH 261	Analytical Chemistry	3		Spring
CH 263	Analytical Chemistry Lab	1		Spring
CH 361	Introductory Physical Chemistry	3		Fall
OR				
CH 365	Physical Chemistry I	3		Fall
CH 366	Physical Chemistry II	3		Every other Spring
CH 367	Physical Chemistry Lab	1		Fall & Spring
CH 441	Instrumental Analysis	3		Fall
CH 443	Instrumental Analysis Lab	1		Fall
CH 478	Chemistry Seminar	0		Fall & Spring
PLUS TWO UPPER DIVISION COURSES (contact Chemistry advisor)				
PLUS				
PH 125	General Physics I	3		Fall
PH 126	General Physics II	3		Spring
PH 125L	General Physics I Lab	1		Fall
PH 126L	General Physics II Lab	1		Spring
OR				
PH 135	Physics I	3		Fall
PH 136	Physics II	3		Spring
PH 135L	Physics I Lab	1		Fall
PH 136L	Physics II Lab	1		Spring
MT 135	Calculus and Analytic Geometry I	4		
MT 136	Calculus and Analytic Geometry II	4		
OR				
MT 228	Statistics for the Biological Sciences (by Permission)	3		

In addition, majors planning to teach are required to have the equivalent of:

- 1 Biology course, and**
- 1 Earth Science course**

Transcript review by the Department would establish whether this content has been adequately covered in previous coursework or whether additional coursework is needed.