

# CHEMISTRY (BIOCHEMISTRY EMPHASIS)

73 credits

Code	Title	Credits
<b>General Chemistry Core (42 Credits)</b>		
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab	4
CHE202 & CHE212	General Chemistry II and General Chemistry II Lab	4
CHE303	Introduction to Analytical Chemistry	4
CHE314	Inorganic Chemistry	3
CHE318 & CHE306	Organic Chemistry I and Organic Chemistry I Lab	4
CHE319 & CHE309	Organic Chemistry II and Organic Chemistry II Lab	4
CHE321	Physical Chemistry I <sup>1</sup>	3
CHE322	Physical Chemistry II <sup>1</sup>	3
CHE323	Experimental Physical Chemistry	3
BCM461	Biochemistry 1 (or a 400- or 500-level Chemistry course approved by the Chair.)	3
Select 7 credits of the following:		7
BCM461	Biochemistry 1 (unless taken with core courses above)	
BCM463	Biochemistry Lab	
BCM470	Biochemistry 2	
CHE490	Senior Research in Chemistry	
<b>Required Cognate Courses (31 Credits)</b>		
MAT251	Calculus I	4
MAT252	Calculus II	4
MAT341	Applied Mathematics I	3
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	4
PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	4
BIO201 & BIO211	General Biology I and Gen Bio 1 Lab	4
BIO202 & BIO212	General Biology II and Gen Bio 2 Lab	4
BIO320 & BIO321	Genetics and Genetics Lab	4
<b>Total Credits</b>		<b>73</b>

<sup>1</sup> CHE321 and CHE322 have a corequisite 0-credit Physical Chemistry Recitation (CHE320).