



**KENTUCKY STATE  
UNIVERSITY**

# CHEMISTRY BACHELOR OF SCIENCE

Course	Title	Hours
<b>Term 1 (Fall)</b>		
CHE 101	General Chemistry I	3
CHE 110	General Chem I Laboratory	1
MAT 120	Precalculus	4
ENG 101	English Comp I	4
KSU 118	Intro. to University Learning	3
<b>Hours</b>		<b>15</b>
<b>Term 2 (Spring)</b>		
CHE 102	General Chemistry II	3
CHE 120	General Chemistry II Lab	1
MAT 131	Calculus/Analy Geom I	5
ENG 102	English Comp II	3
KSU 186	Navigate. the Tech. World	3
<b>Hours</b>		<b>15</b>
<b>Term 3 (Fall)</b>		
CHE 301	Organic Chemistry I	3
CHE 310	Organic Chemistry I Lab.	1
MAT 132	Calculus/Analy Geom II	5
PHY 207	Physics In Biological Sci I	4
COM 103	Interpersonal Communication	3
<b>Hours</b>		<b>16</b>
<b>Term 4 (Spring)</b>		
CHE 302	Organic Chemistry II	3
CHE 320	Organic Chemistry II Lab	1
MAT Elective <sup>1</sup>		3
PHY 208	Physics In Biological Sci II	4
Core - Arts & Humanities Requirement		3
<b>Hours</b>		<b>14</b>
<b>Term 5 (Fall)</b>		
CHE 414	Instrumental Analysis	4
Core Arts & Humanities Requirement		3
Free Elective or Minor Requirement		3
Social/Behavioral Sci Requirement #1		3
Select one of the following:		3
ECO 200	Survey of Economics	
FIN 101	Financial Literacy	
HIS 108	Intro to African American Hist	
POS 101	American Government	
PSY 200	General Psychology	
SOC 203	Principles of Sociology	
<b>Hours</b>		<b>16</b>
<b>Term 6 (Spring)</b>		
CHE 303	Quantitative Analysis	4
Science Elective #1 <sup>2</sup>		3
Core - Arts & Humanities Option		3
Free Elective of Minor Requirement		3

Core Social/Behavioral Sci Requirement		3
<b>Hours</b>		<b>16</b>
<b>Term 7 (Fall)</b>		
CHE 425	Intro. Physical Chemistry	4
CHE 401	Undergrad Research	1
Free Elective or Minor Requirement		3
Free Elective or Minor Requirement		3
Free Elective or Minor Requirement		3
<b>Hours</b>		<b>14</b>
<b>Term 8 (Spring)</b>		
Science Elective <sup>2</sup>		3
CHE 412	Inorganic Chemistry	3
Free Elective or Minor Requirement		3
Free Elective or Minor Requirement		3
<b>Hours</b>		<b>12</b>
<b>Total Hours</b>		<b>118</b>

<sup>1</sup> above MAT 132 Calculus/Analy Geom II

<sup>2</sup> CHE/BIO/AQU/PHY/COS (300/400 Level)