

**Current Curriculum Staffing Table**

	Credit Hours	Contact Hours	Number of Sections offered					Sections Last Academic Year		Faculty Contact Hours Last Academic Year		
			Fall 2013	Spring 2014	Fall 2014	Spring 2015	Fall 2015	Fall 15	Spring 15	Fall 15	Spring 15	
<b>Foundation Courses (Lectures and Labs)</b>												
General Chemistry Lab	CHEM 111	1	3	9	6	9	6	9	9	6	27	18
General Chemistry	CHEM 132	3	3	7	4	7	4	7	7	4	21	12
Quantitative Chemistry Lab	CHEM 145	1	3	3	4	3	4	3	3	4	9	12
Organic Lab	CHEM 222	2	6	2	1	3	2	2	2	2	12	12
Organic 1	CHEM 231	3	3	2	3	2	2	2	2	2	6	6
Organic 2	CHEM 232	3	3	1	1	1	1	1	1	1	3	3
General Chemistry II	CHEM 236	3	3	1	1	1	3	1	1	3	3	9
Biochem 1	CHEM 436	3	3	1	0	1	0	2	2	0	6	0
Physical Chemistry 1	CHEM 334	3	3	1	0	1	0	1	1	0	3	0
Inorganic Chem	CHEM 328	3	3	1	0	1	0	2	2	0	6	0
<b>Total Foundation Courses</b>									<b>30</b>	<b>22</b>	<b>96</b>	<b>72</b>
<b>Upper Level Labs and Research</b>												
Analytical Lab	CHEM 237	2	4.5	0	2	0	2	0	0	2	0	9
Physical Lab 1	CHEM 314	1	3	2	0	2	0	2	2	0	6	0
Physical Lab 2	CHEM 315	1	3	0	2	0	2	0	0	2	0	6
Inorganic Lab	CHEM 413	1	3	0	1	0	2	0	0	2	0	6
Literature Research 1, 2, 3	CHEM 406,07,08	3	1.5	1	1	1	1	1	1	1	1.5	1.5
Laboratory Research 1, 2, 3	CHEM 416,17,18	3	1.5	1	1	1	1	1	1	1	1.5	1.5
<b>Total Upper Level Labs and Research</b>									<b>4</b>	<b>8</b>	<b>9</b>	<b>24</b>
<b>Upper Level Courses</b>												
Instrumental Analysis	CHEM 332	2	3	1	0	1	0	1	1	0	3	0
Physical Chemistry 2	CHEM 335	3	3	0	1	0	1	0	0	1	0	3
Bio-organic Chemistry	CHEM 336	3	3	0	1	0	1	0	0	1	0	3
Chemical Research Methods	CHEM 380	1	3	1	0	1	0	1	1	0	3	0
Computational Chem	CHEM 428	3	3	1	0	1	0	1	1	0	3	0
Adv. Inorganic Chem	CHEM 429	3	3	0	1	0	1	0	0	1	0	3
Special Topics in Chem	CHEM 430	3	3	0	1	0	1	0	0	1	0	3
Biochem 2	CHEM 437	3	3	0	1	0	1	0	0	1	0	3
<b>Total Upper Level Courses</b>									<b>3</b>	<b>5</b>	<b>9</b>	<b>15</b>
<b>LAC Contributions</b>												
Food of Chemistry	CHEM 109	4	6	1	0	0	0	1	1	0	6	0
LSIC/FYC	CHEM 178/9/379	3	3	2	1	1	0	3	3	0	9	0
Student Teaching	EDUC 455	3	3	0	1	0	1	1	1	1	3	3
Student Teaching Methods	EDUC 382	4	4	1	0	0	0	1	1	0	4	0
Humanities	HUM 414	4	4	1	0	0	0	0	0	0	0	0
<b>Total LAC Contributions</b>									<b>6</b>	<b>1</b>	<b>22</b>	<b>3</b>
<b>Grand Total Current Curriculum</b>									<b>43</b>	<b>36</b>	<b>136</b>	<b>114</b>

**Proposed New Curriculum Staffing Table**

	Credit Hours	Contact Hours	Expected Number of Sections Needed		Expected Faculty Contact Hours			
			Fall	Spring	Fall	Spring		
<b>Foundation Courses (Lectures and Labs)</b>								
General Chemistry Lab	CHEM 111	1	3	9	6	27	18	
General Chemistry	CHEM 132	3	3	7	4	21	12	
Quantitative Chemistry Lab	CHEM 145	1	3	3	4	9	12	
Organic Lab	CHEM 222	2	6	2	2	12	12	
Organic 1	CHEM 231	3	3	2	2	6	6	
Organic 2	CHEM 232	3	3	1	1	3	3	
Foundations Inorganic	CHEM 233	3	3	1	2	3	6	
Foundations Analytical	CHEM 223	3	3	0	1	0	3	
Foundations Physical	CHEM 331	3	3	1	0	3	0	
Foundations Biochem	CHEM 323	3	3	1	1	3	3	
					(we might need 3 sections per year, due to changes in MCAT)			
<b>Total Foundation Courses</b>				<b>27</b>	<b>23</b>	<b>87</b>	<b>75</b>	
<b>Upper Level Labs and Research</b>								
Interdisciplinary Project Lab	CHEM 312	2	6	2	2	12	12	
Chemical Research Methods	CHEM 380	1	3	1	0	3	0	
Literature Research	CHEM 409	3	3	0	1	0	3	
Laboratory Research 1, 2, 3	CHEM 416,17,18	3	3	1	1	3	3	
<b>Total Upper Level Labs and Research</b>				<b>4</b>	<b>4</b>	<b>18</b>	<b>18</b>	
<b>Upper Level Courses</b>								
400-level Lectures	CHEM 4XX*	3	3	3	4	9	12	
<b>LAC Contributions</b>								
<b>Total LAC Contributions from FYC, CHEM 109, EDUC and HUM Programs</b>						<b>22</b>	<b>9</b>	
<b>Grand Total Proposed New Curriculum</b>						<b>136</b>	<b>114</b>	

\* CHEM 4XX courses are expected to be offered as single sections in the following semesters

Fall	Spring
419	423 or 429
432	428
439	437
	430