

Traditional Chemistry 8-Semester Template

2014

	Term One	Term Offered	Credits
50:160:115	Chemical Principles I	Fall	4
50:160:125	Chemical Principles I Lab	Fall	1
50:750:131	Elements of Physics I	Fall	3
50:750:133	Introductory Physics Lab I	Fall	1
50:640:121	Unified Calculus I	Fall	4

	Term Two	Term Offered	Credits
50:160:116	Chemical Principles II	Spring	4
50:160:126	Chemical Principles II Lab	Spring	1
50:750:132	Elements of Physics II	Spring	3
50:750:134	Introductory Physics Lab II	Spring	1
50:640:122	Unified Calculus II	Spring	4

	Term Three	Term Offered	Credits
50:160:335	Organic Chemistry I	Fall	4
50:160:339	Organic Chemistry I Laboratory	Fall	1
50:640:250	Linear Algebra	Fall	3

	Term Four	Term Offered	Credits
50:160:336	Organic Chemistry II	Spring	4
50:160:340	Organic Chemistry II Laboratory	Spring	1
50:640:221	Unified Calculus III	Spring	4

	Term Five	Term Offered	Credits
50:160:345	Physical Chemistry I	Fall	3
50:160:347	Physical Chemistry I Laboratory	Fall	1
50:160:325	Analytical Chemistry	Fall	3
50:160:329	Analytical Chemistry Lab	Fall	1

	Term Six	Term Offered	Credits
50:160:346	Physical Chemistry II	Spring	3
50:160:348	Physical Chemistry II Laboratory	Spring	1
50:640:314	Elementary Differential Equations	Spring	3
50:160:326	Instrumental Analysis	Spring	3
50:160:330	Instrumental Analysis Laboratory	Spring	1

	Term Seven	Term Offered	Credits
50:160:491	Competence in Chem (Exit exam)	Fall	1
	400 level course (see list below)		
	Advanced Laboratory (see list below)		

	Term Eight	Term Offered	Credits
50:160:492	Competence in Chem (Exit exam)	Spring	1
50:160:343	Structure and Bonding	Spring	3
	400 level course (see list below)		

Advanced Labs

General Biochemistry Lab I
Inorganic Chemistry Lab I
Solid State Chemistry Lab
Polymer Chemistry Lab
Research In Chemistry
Research In Chemistry

400 level and higher courses

General Biochemistry I
General Biochemistry II
50:160:413 thru 448 Upper level Chemistry Lecture Courses
56:160 (or 115 or 121):500 level courses Graduate Chemistry Lecture Courses