

# Biochemistry 8-Semester Template

2014

	Term One	Term Offered	Credits
50:160:115	Chemical Principles I	Fall	4
50:160:125	Chemical Principles Laboratory I	Fall	1
50:640:121	Unified Calculus I	Fall, Spring	4
50:120:101	General Biology I	Fall	3
50:120:107	General Biology Laboratory I	Fall	1

	Term Two	Term Offered	Credits
50:160:116	Chemical Principles II	Spring	4
50:160:126	Chemical Principles Laboratory II	Spring	1
50:640:122	Unified Calculus II	Spring	4
50:120:102	General Biology II	Spring	3
50:120:108	General Biology Laboratory II	Spring	1

	Term Three	Term Offered	Credits
50:160:335	Organic Chemistry I	Fall	4
50:160:339	Organic Chemistry I Laboratory	Fall	1
50:640:221	Unified Calculus III	Fall	4
50:750:131	Elements of Physics I	Fall	3
50:750:133	Introductory Physics Lab I	Fall	1

	Term Four	Term Offered	Credits
50:160:336	Organic Chemistry II	Spring	4
50:160:340	Organic Chemistry II Laboratory	Spring	1
50:750:132	Elements of Physics II	Spring	3
50:750:134	Introductory Physics Lab II	Spring	1

	Term Five	Term Offered	Credits
50:160:345	Physical Chemistry II	Fall	3
50:160:347	Physical Chemistry II Laboratory	Fall	1
50:115:403	General Biochemistry I	Fall	3
50:115:407	General Biochemistry I Laboratory	Fall	1

	Term Six	Term Offered	Credits
50:160:346	Physical Chemistry II	Spring	3
50:160:348	Physical Chemistry II Laboratory	Spring	1
50:115:404	General Biochemistry II	Spring	3
50:115:408	General Biochemistry II Laboratory	Spring, even ye	1

	Term Seven	Term Offered	Credits
50:160:491	Competence in Chem (Exit exam)	Fall	1
50:120:305	Molecular Biology	Fall	3
50:120:306	Molecular Biology Laboratory	Fall	1
	Biology/Chemistry Elective ***	Fall	3

	Term Eight	Term Offered	Credits
50:160:326	Instrumental Analysis	Spring	3
50:160:330	Instrumental Analysis Laboratory	Spring	1
	Chemistry Elective ***		

## Electives \*\*\*

Two Chemistry courses from  
Structure and Bonding

Advanced Organic Chemistry I

Mechanism in Organic Chemistry I

Mechanism in Organic Chemistry II

**OR**

One Chemistry course (from the above) and one Biology (below)

Genetics

Immunology and Serology

General Physiology

Recombinant DNA technology