



Biochemistry Major

Total Credits: 53-55

Subj/Course #	Title	Term Taken	✓	Credits	Resid (O/R)
REQUIRED COURSES (50 credits)					
BIO 1011	Principles of Biology 1 Lecture, Fall course			3	
BIO 1013	Principles of Biology 1 Lab, Fall course			1	
BIO 1012	Principles of Biology 2 Lecture, Spring course			3	
BIO 1014	Principles of Biology 2 Lab, Spring course			1	
CHE 1045	General Chemistry 1, Fall course			3	
CHE 1046	General Chemistry 2, Spring course			3	
CHE 1047	General Chemistry Lab Spring course			2	
CHE 1213	Organic Chemistry 1 Lecture, Fall course			3	
CHE 1215	Organic Chemistry Lab, Fall course			2	
CHE 1214	Organic Chemistry 2 Lecture, Spring course			3	
CHE 1415/1416	Physical Chemistry 1 or 2, Fall/Spring course			3	
BIO/CHE 1376	Biochemistry Lecture, Fall & Spring course			3	
BIO/CHE 1377	Biochemistry Lab			2	
BIO/CHE 1378	Advanced Biochemistry			3	
MAT 1412	Calculus 1			4	
PHY 1031	Intro Physics 1, Fall course			3	
PHY 1033	Intro Physics 1 Lab, Fall course			1	
PHY 1032	Intro Physics 2, Spring course			3	
PHY 1034	Intro Physics 2 Lab, Spring course			1	
BIO/CHE 1372 or CHE 1379	Bioinformatics, Fall course <u>or</u> Chemistry of Metals in Biology			4	

ELECTIVES (select one course below, 2-4 credits)					
BIO 3207	Cell Biology Lecture & Lab			4	
BIO 3230	Immunology			2	
BIO 3513	Genetics Lecture & Lab			4	
BIO 3521	Molecular Biology Lecture & Lab			4	

- Notes:
1. 60% of this major must be taken at Yeshiva College
 2. Major/Minor courses require a grade of a "C-" or better to fulfill its requirement