



Chemistry Major

Total Credits: 49-50

Subj/Course #	Title	Term Taken	✓	Credits	Resid
REQUIRED COURSES (48 CREDITS)					(O/R)
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 1122	Chemical Analysis Lecture & Lab, Spring course			4	
CHE 1937	Chemistry Seminar			1	
CHE 1415	Physical Chemistry 1, Fall course			3	
CHE 1416	Physical Chemistry 2, Spring course			3	
CHE 1222	Advanced Laboratory Techniques, Fall course			3	
MAT 1412	Calculus 1			4	
MAT 1413	Calculus 2			4	
PHY 1031	Introductory Physics I Lecture, Fall course			3	
PHY 1033	Introductory Physics I Lab			1	
PHY 1032	Introductory Physics II Lecture, Spring course			3	
PHY 1034	Introductory Physics II Lab, Spring course			1	

ELECTIVES: Complete one the following:					
CHE 1372	Bioinformatics, Fall course			4	
CHE/BIO 1376	Biochemistry Lecture			3	
CHE 1379	Chemistry of Metals in Biology			4	
Recommended Courses:					
BIO 1011	Principles of Biology I Lecture			3	
BIO 1013	Principles of Biology I Lab			1	
BIO 1012	Principles of Biology II Lecture			3	
BIO 1014	Principles of Biology II Lab			1	

- 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