



Biochemistry Major

Total Credits: 58

REQUIRED COURSES (50 CREDITS)		Sem Taken	Credits	Resid (O/R)
Subj/Course #	Title			
BIO 1011	Principles of Biology 1 Lecture, Fall course		4	
BIO 1013	Principles of Biology 1 Lab, Fall course		0	
BIO 1012	Principles of Biology 2 Lecture, Spring course		4	
BIO 1014	Principles of Biology 2 Lab, Spring course		0	
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	
CHE 1376	Biochemistry Lecture, Fall & Spring course		3	
CHE 1377	Biochemistry Lab		2	
BIO 1378	Advanced Biochemistry		3	
MAT 1412	Calculus 1		4	
PHY 1031	Intro Physics 1, Fall course		4	
PHY 1032	Intro Physics 2, Spring course		4	

ELECTIVES (SELECT 2 COURSES BELOW, 8 CREDITS)				
BIO 3207	Cell Biology Lecture & Lab		4	
BIO 3513	Genetics Lecture & Lab		4	
BIO 3521	Molecular Biology Lecture & Lab		4	
BIO 1372	Bioinformatics, Fall course		4	
CHE 1379	Chemistry of Metals in Biology		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
- Updated July 2024