



Biology Major

Total Credits: 43-49

Subj/Course #	Title	Term	✓	Credits	Resid
REQUIRED COURSES (16 CREDITS)					(O or R)
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	
MATH REQUIREMENTS (7-8 CREDITS)					
MAT 1410 or MAT 1412				4	
MAT 1413, 4 Credits or STA 1021, 3 Credits				3-4	

BIOLOGY ELECTIVES (20 CREDITS)					
Required electives: Complete two of the following advanced lab courses (8 credits):					
BIO 3513 Genetics OR BIO 3521 Molecular Biology				4	
BIO 4023 Microbiology OR BIO 3207 Cell Biology				4	
Additional advanced lab courses (8 credits):					
Advanced lab not taken above				4	
Advanced lab not taken above				4	
BIO 2320	Human and Comparative Anatomy			4	
BIO 3728	Physiology			4	
BIO 1376 & 1377	Biochemistry Lecture/Lab			5	
Complete a <i>minimum</i> of four credits from the following (4 credits):					
BIO 1372	Bioinformatics			4	
BIO 1376 ^a	Biochemistry Lecture			3	
BIO 3230	Immunology			2	
BIO 3804	Psychobiology			3	
BIO 4931	Topics in Biology			2-4	
BIO 4934	Special Topics			2	
BIO 4901 ^b	Independent Study/Research			1-3	

^a BIO 1376 can only count once towards the major

^b Two credits of approved research may count toward the lecture only course requirements. Research is graded P/N.

- 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