



Advisers	Dr. Jill Katz	jckatz@yu.edu
	Ms. Illana Julius	illana.julius@yu.edu
	Ms. Meirah Shedlo	meirah.shedlo@yu.edu

Biochemistry Major **Total Credits: 56**

Faculty	Dr. Chaya Rapp	rappc@yu.edu
	Mrs. Cecily Dobin	cdobin@yu.edu
	Dr. Ran Drori	ran.drori@yu.edu
	Dr. Donald Estes	estes@yu.edu

Required Courses		Credits
CHEM 1045C, 1046C (or honors)	General Chemistry - Lecture and Lab	8 Credits
BIOL 1011C, 1012C	Principles of Biology - Lecture and Lab	8 Credits
CHEM 1213R	Organic Chemistry - Lecture	3 Credits
CHEM 1214R	Organic Chemistry II - Lecture	3 Credits
CHEM 1215L	Organic Chemistry - Lab	2 Credits
CHEM 1415R or 1416R (or honors)	Physical Chemistry	3 Credits
MATH 1412, 1413*	Calculus I, II	8 Credits
CHEM 1376R	Biochemistry - Lecture	3 Credits
CHEM 1377L	Biochemistry - Lab	2 Credits

One of the following sequences		
PHYS 1031C, 1032C	Introductory Physics - Lecture and Lab	8 Credits
PHYS 1051C, 1052C	General Physics - Lecture and Lab	8 Credits

Two of the following courses		
BIOL 3207C	Cell Biology - Lecture and Lab	4 Credits
BIOL 3230C	Immunology - Lecture and Lab	4 Credits
BIOL 3513C	Genetics - Lecture and Lab	4 Credits
BIOL 3521C (or H)	Molecular Biology - Lecture and Lab	4 Credits

* MATH 1413 may count toward an Elective.