



Physics Major

Total Credits: 53

Subj/Course #	Title	Term	✓	Credits	Resid
REQUIRED PHYSICS COURSES (35 CREDITS)					(O/R)
PHY 1051	General Physics I Lecture, Fall			3	
PHY 1053	General Physics I Lab			1	
PHY 1052	General Physics II Lecture, Spring			3	
PHY 1054	General Physics II Lab			1	
PHY 2051	General Physics 3, Fall			4	
PHY 2052	General Physics 4, Spring			4	
*PHY 2550	Physics Computer Programming			3	
PHY 4221	Classical Mechanics			3	
PHY 4321	Electromagnetic Theory			3	
PHY 4510	Statistical Mechanics			3	
PHY 4621	Intro to Quantum Mechanics			3	
PHY 4810	Advanced Physics Laboratory			3	
PHY 4935	Physics Colloquium			1	

PHYSICS ELECTIVES (6 CREDITS)					
PHY ELECT #1				3	
PHY ELECT #2				3	

REQUIRED MATH COURSES (12 CREDITS)					
MAT 1412	Calculus 1			4	
MAT 1413	Calculus 2			4	
MAT 1510	Multivariable Calculus			4	

Notes:

* PHY 2550 can be replaced, with permission by the department, by ENGR 5301, PHY 5301, or equivalent

1. Up to 12 credits can be used towards an MA in Physics at YU.
2. 60% of this major must be taken at Yeshiva College
3. Major/Minor courses require a grade of a "C-" or better to fulfill its requirement