



Physics Major

Total Credits: 52

REQUIRED PHYSIC COURSES, 34 CREDITS:

PHY 1051R, General Physics 1 Lecture, <i>Fall</i> () _____	4 Credits
PHY 1061L, General Physics 1 Lab, <i>Fall</i> () _____	1 Credit
PHY 1052R, General Physics 2 Lecture, <i>Spring</i> () _____	4 Credits
PHY 2061L, General Physics 2 Lab, <i>Spring</i> () _____	1 Credit
PHY 2051R, General Physics 3 Lecture, <i>Fall</i> () _____	4 Credits
PHY 2052R, General Physics 4 Lecture, <i>Spring</i> () _____	4 Credits
PHY 1321, Electromagnetic Theory () _____	3 Credits
PHY 1221, Classical Mechanics () _____	3 Credits
PHY 1810, Advanced Physics Lab () _____	3 Credits
PHY 1510, Statistical Thermodynamics () _____	3 Credits
PHY 1621, Introduction to Quantum Mechanics () _____	3 Credits
PHY 4935, Physics Colloquium () _____	1 Credit

PHYSICS ELECTIVES, 6 CREDITS:

PHY ELEC () _____	3 Credits
PHY ELEC () _____	3 Credits

REQUIRED MATH COURSES, 12 CREDITS:

MAT 1412, Calculus 1 () _____	4 Credits
MAT 1413, Calculus 2 () _____	4 Credits
MAT 1510, Multivariable Calculus () _____	4 Credits

*Up to 12 credits can be used towards an MA in physics at YU. Students interested in this option need to make an appointment with an academic advisor as soon as possible and make sure to register for classes with the 5000 code.

NOTE: Courses within any given major or minor require a grade of a "C-" or better to fulfill its requirement

Updated: 4.22.2021