

PHYSICS (MINOR)

Department Website (<http://as.nyu.edu/physics/>)

Program Description

Physics is the most basic of the natural sciences. It is concerned with understanding the world on all scales of length, time, and energy. The methods of Physics are diverse, but they share a common objective to develop and refine fundamental models that quantitatively explain observations and the results of experiments. The discoveries of physics rank among the most important achievements of human inquiry and have had an enormous impact on human culture and civilization. Members of the department conduct research in the fields of astrophysics, biophysics, cosmology, elementary particle physics, gravitation, hard and soft condensed matter physics, and statistical physics, carrying out experimental work in state-of-the art laboratories in the department and at such national and international facilities as the Large Hadron Collider at CERN and large astronomical observatories.

The educational programs of the department are aimed at providing a range of courses to meet the needs of different student groups. For undergraduate Physics majors, there is a rigorous core program, exposure to current frontiers, and opportunities for research. For science majors outside of Physics, there are technical courses that emphasize the fundamental physical laws that underpin other sciences; and for other majors, nontechnical courses introduce some of the most important concepts of physics and their impact on the contemporary world.

Minor Declaration

To request declaration of a minor, CAS students should visit the host department. To request declaration of a cross-school minor, CAS students should complete the online Minor Application available in their Albert Student Center. Students may also use the Minor Application (<https://www.nyu.edu/students/student-information-and-resources/registration-records-and-graduation/forms-policies-procedures.html>) in Albert to request cancellation of a CAS or cross-school minor.

Program Requirements

Students typically complete the minor in Physics with the four courses (18 credits) below, each with a grade of C or better (courses graded Pass/Fail do not count). They may replace one of the courses below with one required for this department's minor in Astronomy (consult that section in this Bulletin) or with one physics course at or above PHYS-UA 91 (except for pure laboratory courses).

Course	Title	Credits
PHYS-UA 11	General Physics I	5
PHYS-UA 12	General Physics II	5
PHYS-UA 15	Introduction to Cosmology	4
PHYS-UA 20	20th Cent Concepts of Space, Time, & Matter	4
Total Credits		18

Policies

NYU Policies

University-wide policies can be found on the New York University Policy pages (<https://bulletins.nyu.edu/nyu/policies/>).

College of Arts and Science Policies

A full list of relevant academic policies can be found on the CAS Academic Policies page (<https://bulletins.nyu.edu/undergraduate/arts-science/academic-policies/>).

Policy on School of Engineering courses

This option is open only to students with declared majors in the Department of Physics. It is not allowed for students in any other major or minor, including this one.