

Ten Reasons to Study Physics at CCNY:

The world is rapidly changing, becoming more high-tech, computerized, scientific, and information-oriented.

Will you be ready?

To help you prepare for the jobs and opportunities that will dominate the 21st century, the Physics Department of CCNY has listed 10 reasons why you should study physics at CCNY.



1. The CCNY Physics Department is internationally famous.

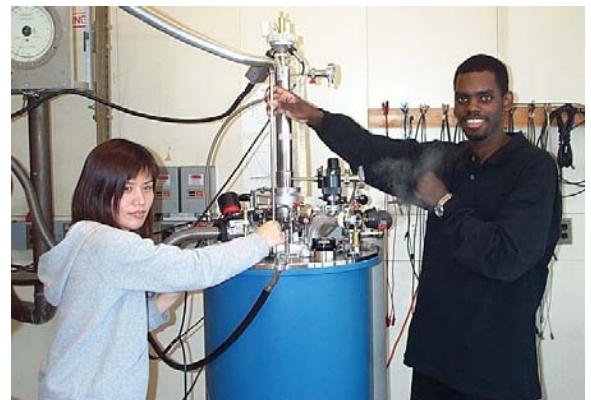
The department ranks in the top quarter of physics departments in the U.S. There have been more Distinguished Professors and members of the prestigious National Academy of Sciences than any other department in CUNY. Alumni include six winners of the Nobel Prize in Physics.

2. Physicists are in high demand in the job market.

The department provides personalized assistance whether applying to graduate school in physics or looking for a job in a university, government lab, or industry. There are also job opportunities if you are *not* going to become a career physicist. Relevant fields include computers, medical diagnostics, the environment, law, and even financial modeling on Wall Street.

3. There are multiple major / minor options available at CCNY.

Tailor your program of study to match your interests and professional goals. Specialize in optics, biophysics, materials science, or physics education. You can also major in another department and minor in physics.



Students work on nanomagnets at temperatures near absolute zero in American Physical Society Past President Myriam Sarachik's laboratory

4. CCNY physics students have unlimited access to the physics club.

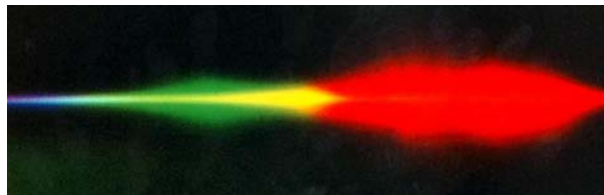
Physics students get a club room key, locker, and unlimited access. Socialize, relax, or study in this dedicated space that includes computers with Internet access, printers, a refrigerator, and a microwave.

5. CCNY physics students have opportunities to become tutors.

As a physics student, you can pick up extra money tutoring undergraduates who need help in their courses. This will also help to sharpen your skills and give you valuable experience.

6. CCNY physics students benefit from the department's mentoring program.

Physics majors will be assigned a faculty mentor who will give them personal guidance and help with program choices, selecting courses, and applying for graduate schools or jobs.



“Supercontinuum” produced by state of the art lasers in Distinguished Professor Robert Alfano’s laboratory.

7. The CCNY Physics Department offers special programs.

Physics students have the opportunity to visit and work at laboratories such as Brookhaven, IBM, and Bell Labs, where they will meet physicists at work. Physics students will also have special luncheons, dinners, and seminars given by the physics faculty, who will explain the importance and excitement of their research to the students.

8. Physics is intellectually stimulating.

Physics is among the most interesting and intellectually stimulating of all disciplines, because it goes to the core of physical reality. Whether you are modeling DNA molecules, working with MRI and CAT scans, building lasers, or working with computers, physics is the fundamental discipline that makes them all possible. Not only will you find out how the universe operates, you will learn skills that are appreciated in many other disciplines.

9. Taking physics increases your competitiveness of getting into graduate or professional school.

Physics majors are highly regarded by medical, law, business, and graduate schools. Many top doctors, computer scientists, engineers, lawyers, and business executives started out as physics majors.

10. CCNY physics students are eligible for awards and prizes.

There are special awards and prizes offered every year for the most outstanding students in various classes. The awards include: the Gelbwachs, Millman, and Marshak scholarships, and the Ward and Sonkin medals.



Physics students learning from a computer simulation of quantum tunneling.