



Ph.D. in Biochemistry

Areas of faculty research interest include:

- Biochemical pharmacology
- Bioenergetics
- Bioinformatics
- Bioinorganic chemistry
- Bioorganic chemistry
- Biotechnology/biomaterials
- Enzymology and protein biochemistry
- Immunochemistry
- Lipid chemistry
- Membrane structure, function, and transport
- Metabolism and regulation
- Molecular biology
- Neurochemistry
- Organelle biochemistry
- Physical biochemistry/biophysical chemistry

The interdisciplinary science of biochemistry draws from fundamental chemical theory and research techniques as the basis for explorations into biological problems.

All students actively participate in broadly based seminar and colloquium programs and begin their research activities early in their graduate work.

■ **First Year:** Students select and rotate through several research laboratories. Core courses, including general biochemistry, aim to provide the incoming student with a broad biochemical background.

■ **Second Year:** Students select advanced biochemistry and biological science courses and engage in thesis research.

■ **Advanced:** Students focus on thesis research.

*To learn more about the
biochemistry doctoral program curriculum,
visit our website at:*
<http://web.gc.cuny.edu/Biochemistry/>

Financial aid:

Financial support for biochemistry doctoral students is available through a program of fellowships, grants, assistantships, traineeships, and part-time teaching positions.

For applications:

Application materials may be downloaded from the program's website. Deadlines for receipt of completed application materials with financial aid requests are:

Fall admission: February 1st

Spring admission: November 15th

For inquiries about program details and application procedures contact:

Lesley Davenport, Executive Officer
Ph.D. Program in Biochemistry
The Graduate Center, CUNY
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Email: biochemistry@gc.cuny.edu

The Ph.D. Program in Biochemistry, The Graduate Center, CUNY, is consortial in nature.

- Lecture courses and basic seminars are given at The Graduate Center, conveniently located in midtown Manhattan.
- State-of-the-art research laboratories are maintained and located at the CUNY college campuses where laboratory courses, advanced seminars, and thesis research take place.

Participating CUNY colleges of the doctoral biochemistry program include:

Brooklyn College
City College
Hunter College
John Jay College of Criminal Justice
Lehman College
Queens College
College of Staten Island

The Graduate Center, CUNY

The Graduate Center was founded in 1961 as the doctorate-granting institution of The City University of New York, the nation's largest urban university system. Here, 3,800 students and over 1,600 faculty scholars, drawn from throughout the CUNY system and New York City's leading cultural and scientific institutions, share in the enterprises of teaching, learning, and researching. In this environment of intellectual discovery and exchange, 31 doctoral programs in the humanities, social sciences, and sciences are augmented by 28 research centers and institutes focused on areas of social concern. The National Research Council's most recent assessment placed more than a third of the school's rated doctoral programs among the nation's top 20.

<http://www.gc.cuny.edu/>

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