

GRADUATE STUDIES IN PHYSICS



Shape the future of science with a Ph.D. in Physics. Our program gives you the foundation, freedom, and support to push boundaries and make discoveries!

- **Explore Big Questions:** Black holes, quantum matter, soft materials, living systems, and more.
- **Hands-On Discovery:** Work at the cutting edge of astrophysics, materials science, biophysics, and fundamental theoretical physics.
- **Thrive in Community:** Collaborate with world-class faculty and peers in an open, innovative environment.
- **Develop Versatile Skills:** Gain research expertise, teaching experience, and career-ready connections.
- **Fully Supported:** All Ph.D. students receive tuition coverage plus teaching or research assistantships.

If you're driven by curiosity and want to tackle the toughest challenges in science, the Georgia Tech School of Physics is where you belong.

Quantitative Biosciences Ph.D. Program

The School of Physics is part of the Interdisciplinary program in Quantitative Biosciences that enables the discovery of scientific principles underlying living systems.

Computational Science and Engineering Ph.D. Program

Offered jointly by the Colleges of Computing, Engineering, and Sciences, the program also offers a Master's degree for Physics Ph.D. students.

Creating community

The Graduate Association of Physicists at Georgia Tech provides a vibrant scholarly and social environment, as well as an introduction to the community of physicists.

gap.physics.gatech.edu/admitted-students

FOR MORE INFORMATION

Please visit our website or contact the School's Academic Office: gradinfo@physics.gatech.edu

7 Main Research Areas

- Astrophysics, Astroparticles, and Gravitation
- Atomic, Molecular, and Optical Physics
- Condensed Matter and Quantum Materials
- Non-linear Physics
- Physics of Living Systems
- Soft Matter
- Computational Physics (AI/ML)

Join our world-renowned research groups to publish in leading journals and present at premier conferences.

Launch Your Career

Our graduates don't just get jobs; they become leaders and innovators who shape the future. With a degree from our program, you can:

- **Lead in Academia and Research:** Drive groundbreaking discoveries, mentor future scientists, and shape your field as a university professor or postdoctoral fellow.
- **Solve National Challenges:** Drive critical, government-funded projects as a scientist at premier national labs like Oak Ridge or Los Alamos.
- **Shape Business and Technology:** Leverage elite problem-solving skills to advise top companies as a high-demand consultant.
- **Innovate in Healthcare:** Pioneer new life-saving treatments and diagnostic tools as a medical physicist in leading hospitals.
- **Master Finance and Data:** Design sophisticated financial models and data strategies for investment banks, hedge funds, and tech giants.
- **Develop Next-Gen Aerospace:** Engineer cutting-edge technologies for the world's leading aerospace and defense companies.
- **Inspire Future Innovators:** Shape young minds and ignite a passion for science as a dedicated high school teacher.
- **Protect Groundbreaking Inventions:** Combine your technical expertise with law to become a patent agent specialist.

