

PhD opportunities in the ATLAS group at Brandeis University

The ATLAS group at Brandeis University encourages qualified applicants to apply to its Physics PhD program: <https://www.brandeis.edu/physics/graduate/index.html>. The deadline for submitting applications is January 15, 2025. The official start date for this position is Aug 15, 2025, but an earlier start date can be arranged. The successful applicants must obtain their Bachelor or Masters degree in Physics by June 2025.

The Brandeis ATLAS group comprises two faculty members ([Gabriella Sciolla](#), [Aram Apyan](#)). We have a strong presence in physics analysis in the area of Higgs Physics, Standard Model, and Long-Lived particles. Our group is also very active on the construction and installation of the Inner Tracker (ITk Strips) at BNL and CERN as well as on Tracking Combined Performance.

The typical curriculum for a Brandeis PhD student in ATLAS consists of:

- One-two years of classes (depending on the preparation of the student) in the Boston area;
- One year working on the ITk detector at Brookhaven National Lab or CERN;
- Two-three years at CERN focusing on Physics Analysis and Combined Performance.

Applicants interested in receiving additional information should contact Prof. Gabriella Sciolla sciolla@brandeis.edu or Prof. Aram Apyan arapyan@brandeis.edu.