



**SUMMER
SPRINGBOARD**
Look Inward. Go Upward.

Physics & Quantum Computing Infosheet

**New student admissions for
Summer 2025 are open.**



Program Highlights

- Learn accessible, yet challenging, introductory material in the fields of physics & quantum computing.
- Cover topics such as quantum mechanics, quantum information science and computation, and quantum hardware.
- Discover why having a foundational understanding of quantum computing will be important to politicians, public health researchers, and quantum engineers.
- Develop skills in quantum computing - the technology of the future!



2025 Dates

Berkeley (\$5,998)

- Session 1: June 15 - June 27
- Session 3: June 29 - July 11
- Session 5: July 13 - July 25

Georgetown (\$5,698)

- Session 1: June 29 - July 11



Academic Program Overview

Quantum computing is going to revolutionize the field of technology over the next decade. What is quantum computing? It is a rapidly-emerging technology that harnesses the laws of quantum mechanics to solve problems that are too complex for classical computers. The tools being used in this field were just imagination three decades ago. Superconducting quantum processors are being designed to build superconducting quantum processors that will supply quantum computing speed and capacity that will change the world. This program will help prepare the next generation of students with the quantum knowledge and skills. The program will introduce key quantum computing concepts, like superposition and entanglement. Students will also explore quantum phenomena and applications. They will learn from curriculum designed by leading experts in academia and the quantum computing industry.



Excursions

In Berkeley, students have visited Rigetti Computing, QuSecure, and heard from top scientists from Atom Computing. They also toured the Haeffner Trapped Ion Lab in Berkeley to meet with post graduate researchers in the field.

Instructors

Berkeley - TBA

Courses are taught by accomplished and passionate faculty recruited from many area colleges, universities and professional forums. Each faculty member is selected for their subject area expertise and proven ability to both challenge and captivate students.

Georgetown - TBA

Tuition Information:

Residential Students:

- **Includes:** all meals, lodging, excursions, academic course, weekend excursions
- **Excludes:** optional airport pickup and drop off service (available for an additional fee)
- **Price:** See prices under 2025 dates.

Commuter Students:

- **Includes:** lunch, academic course, excursions, programming from 9am to 5pm, Monday-Friday
- **Excludes:** lodging, breakfast, dinner, weekend excursions
 - Weekend excursions can be added on for \$125 per day
- **Price:** \$3,298 at Berkeley and \$2,998 at Georgetown

Supplements:

- **Application fee:** Starting at \$99 (mandatory, non-refundable)
- **Tuition Protection Plan:** Allows for cancellation for any reason up until the day of the program. Click [here](#) for more info.

[More info on Airport Transfer](#)

[More info on Unaccompanied Minor Service](#)



Course Structure

There are nine 3-hour class sessions over the two-week course. During week one, students have class from 9am-12pm, Monday - Friday. During week two students have class from 9am-12pm Monday through Thursday. Wednesday afternoons are dedicated to additional academic time (excursions, speakers).



Typical Schedule



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Summer Springboard programs are not run by our campus partners (with the exception of Cal Poly and NYSID which are run in partnership with SSB). Universities and their affiliated departments and partners do not control and are not responsible or liable in any manner for any part of the Summer Springboard program.

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