

# Quantum QuickStart Training Bundle

## Quantum Programming Core Plus Quantum Access

Expand your knowledge of quantum computing by learning how to build quantum applications AND get unlimited Leap quantum access all in one upgraded training bundle!

The **Quantum QuickStart Training Bundle** includes **Quantum Programming - Core**, a week long online course led by D-Wave experts, plus unlimited quantum cloud access for a month. You can accelerate quantum application development, receive expert training and mentorship, connect with our Leap community, and gain new ideas and skills while differentiating yourself in the marketplace.

### Accelerate Quantum Application Development:

With Quantum QuickStart, you can accelerate quantum application development and get hands-on with unlimited access to quantum computers and hybrid solver services.

#### Details:

Quantum Programming - Core is a one-week online course that requires a time commitment of about 30 hours. The course materials include recorded presentations, quizzes, assignments, and live office hours with a D-Wave instructor.

#### Objectives:

After successfully completing this course, learners will be able to:

- Break down an optimization problem into distinct objectives and constraints.
- Formulate real-world optimization problems as quadratic models.
- Write an Ocean program to run on D-Wave's quantum computer and hybrid solvers.
- Examine different problems in your area of interest for suitability for D-Wave's products.

### Ready to skill up for the future today?

[Visit our course catalog](#) to view the upcoming training schedule and register!

D-Wave's robust, hands-on training will enable you to immediately put theory into practice with real-world quantum applications.

*"The most helpful thing about the course was that it was centered on examples of several different kinds, so students can get a feel for how the system can be used for different types of problems."*

*"The opportunity to run real examples on the D-Wave samplers was very educational. I learned a lot by listening to D-Wave researchers explain their work. The office hours were a great opportunity to discuss issues."*

## At a Glance: Quantum QuickStart Training

#### DURATION:

1 week  
(with additional "grace period" week, if needed)

#### LEVEL:

Intermediate

#### MODALITY:

Online

#### PREREQUISITES:

Intermediate Python programming skills, comfort working with math equations and graphs, and familiarity with matrix operations.

#### INTENDED AUDIENCE:

Technical roles and anyone who wants to learn the basics of quantum programming using D-Wave technology.



**SIGN UP FOR QUANTUM QUICKSTART TRAINING BUNDLE TODAY!**