



# Collegio Carlo Alberto

UNIVERSITÀ DEGLI STUDI DI TORINO



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## VILFREDO PARETO PhD in ECONOMICS

The Vilfredo Pareto PhD in Economics allows students to structure their coursework and write their doctoral dissertation in a number of different areas of economics. After a common set of core courses that take place in the first term of the program (including review courses in mathematics and statistics and advanced courses in microeconomics, macroeconomics, and econometrics), students can further prepare for their dissertation work by choosing from a list of elective courses. The latter are organized to form three different curricula.

### ECONOMICS

This curriculum aims to endow students with relevant skills and knowledge both in theoretical and empirical economics. Graduates will then be in the position to pursue an academic career, as well as working as economists in the private sector, governments, central banks and international organizations. Elective courses include among others:

- Applied Economics
- Industrial Organization
- Labour Economics
- Political Economics

### ECONOMICS & COMPLEXITY

This curriculum combines the achievements of complexity theory and economic analysis to articulate a comprehensive economics of complexity. In their dissertation work students may adopt agent based simulation methodologies, econometric analysis, historical and institutional approaches. Elective courses include among others:

- History of Economics
- Simulation Models
- Economics of Innovation
- Economics of Complexity

### THEORETICAL ECONOMICS, FINANCE & STATISTICS

The aim of this curriculum is to equip students with a deep understanding of the basic tools of decision theory and in some of its many areas of application. In particular, graduates will be able to successfully employ theoretical instruments to analyze questions in Finance, Insurance, or other areas of Economics. Elective courses include among others:

- Decision Theory
- Probability Theory
- Game Theory
- Stochastic Calculus

## Faculty

The list of faculty members from the University of Turin is available at the following link:

[www.sde.unito.it/faculty/teaching\\_committee.htm](http://www.sde.unito.it/faculty/teaching_committee.htm)

In addition, the program benefits from all the Collegio Carlo Alberto faculty:

[www.carloalberto.org/people/faculty/](http://www.carloalberto.org/people/faculty/)

## Key Features

- Full scholarship (**48 months**) and mission funds for admitted students
- Close interaction with the academic community of the Collegio Carlo Alberto
- Linked to top European and US research institutions and networks



Expressions of interest for the next round of admissions (cycle 35) are now open. The official call will be released in early March 2019. Courses will start in September 2019.

For more details, please visit [www.sde.unito.it/index.html](http://www.sde.unito.it/index.html). Inquiries may be directed to [vpde.unito@carloalberto.org](mailto:vpde.unito@carloalberto.org)