

# Collegio Carlo Alberto



## ALLIEVI PROGRAM

Founders



UNIVERSITÀ DEGLI STUDI DI TORINO

## THE COLLEGIO

The Collegio Carlo Alberto was created in 2004. It is a foundation jointly established by the Compagnia di San Paolo and the University of Torino. Its **mission** is to foster research and teaching in economics and the social sciences, upholding the values and best practices of the international academic community.

The Collegio is a dynamic **research community** formed by faculty of the University of Torino, full-time junior and senior faculty hired on the international academic job market, visiting scholars. They conduct interdisciplinary research within the social sciences, with both empirical and theoretical emphasis. Research interaction is also fostered by seminar series and scientific conferences featuring important international scholars.

As far as **education** is concerned, the Collegio promotes and coordinates the “Allievi Program”. The Allievi are outstanding students of the University and Politecnico of Torino who, in addition to fulfilling their university requirements, receive advanced training (courses and seminars) in the Collegio. The program’s goal is to nurture the best talents, directing them towards either the best graduate programs in economics and statistics or successful high-level business careers.

The Collegio also organizes two Master’s degree programs: a Masters in Economics, and a Masters in Finance in cooperation with the University of Torino. Finally, two Doctoral Schools of the University of Torino are hosted at the Collegio.

Every year, the Collegio awards the *Carlo Alberto Medal* to an outstanding Italian economist under the age of 40. The Medal award ceremony takes place in mid-June alongside the *Vilfredo Pareto Lectures*, a series of two lectures delivered by distinguished scholars in Economics and the Social Sciences.

The Collegio also organizes several outreach events addressed to the general public. The *Collegio Aperto Lectures* is a series of lectures on current economic, social, and political events, given by leading international scholars and professionals.

The annual *Onorato Castellino Lecture*, also featuring distinguished scholars and public intellectuals, honors the memory of the first President of the Collegio and member of the research unit CeRP, who bestowed the institution his vision, integrity, and grace.

Besides the events listed above, research interaction with the international community is fostered by the **seminar series** and numerous **conferences** that the Collegio organizes *during the academic year*.

For those who are interested in economics, finance and other social sciences the Collegio is a unique research and educational opportunity, spanning academic research and public policy.



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## ALLIEVI PROGRAM

The Allievi Program of the Collegio Carlo Alberto is a “honors” program that enhances the education of outstanding students, with a view of helping them succeed in international academic or professional careers. The objective is pursued through courses and tutorials at the Collegio on top of the students’ university requirements. Thus, the Allievi Program complements and strengthens the preparation students get during their college years. It was established in 2007 and symbolically follows the long tradition of high-level education of the Real Collegio, instituted in 1838 by Re Carlo Alberto.

The Allievi of the Collegio Carlo Alberto are enrolled either in a laurea triennale or in a laurea magistrale in Economics and related subjects at the University of Torino. Related subjects are widely defined and include, for instance, philosophy, engineering, mathematics, political sciences and statistics. These students are expected to fulfill their university requirements, as well as to participate in additional activities (classes and tutorials) at the Collegio.

The admission to the Allievi Program is purely merit based. The Collegio awards a scholarship and provides an individual study station to each student admitted into the program. The Allievi interact on a daily basis with faculty members, Fellows and Affiliates of the Collegio. Moreover, they have access to the Collegio’s facilities and scientific activities, such as seminars, lectures, masters and doctoral courses. Moreover, the studies of each Allievo are supervised by a mentor assigned upon enrollment.

The Allievi are subdivided into:

**Junior Allievi:** these are students enrolled in a *laurea triennale* program at the University or at the Politecnico of Torino. In addition to the university degree, the Junior Allievi who successfully fulfill the Collegio requirements are awarded the Allievi Diploma from the Collegio.

**Senior Allievi:** these are students enrolled in a *laurea magistrale* program at the University of Torino or at the Politecnico of Torino. In addition to the university degree, the Senior Allievi who successfully fulfill the Collegio requirements are awarded the Master in Economics from the Collegio. Depending on the Allievi’s interests and inclinations, and in agreement with the Director of Studies, specific study programs may be designed which then lead to the award of the Master in one of the following three subjects: Economics and Complexity; Financial Economics; Statistics and Applied Mathematics.

## ORGANIZATION OF STUDIES

All lectures held at the Collegio are delivered in English.

**Courses** are scheduled in 12-weeks semesters. The first semester runs from the last week of September, whereas the second semester starts in mid February.

The following types of courses are offered:

**Standard semester courses:** these courses meet twice a week and last for 30-40 hours overall. The average class size is of 15 students.

**Directed studies:** a faculty member individually advises an Allievo on a mutually agreed topic.

**Tutorials:** a faculty member advises a group of at most three Allievi on a topic of mutual interest.

**Seminar courses:** the instructor selects a suitable number of seminars in the Collegio’s seminar series relevant for the Allievi’s training; the Allievi are then expected to attend these seminars, to meet with the speakers, and to discuss the papers presented at the seminars with the instructor.

For each course, the instructor distributes the timetable of classes and a syllabus detailing the topics to be covered. Class attendance is compulsory.

At the end of each course there is a written test, and the grade earned by the Allievo is reported both in thirtieth and in letters.

## DEGREE REQUIREMENTS

The Allievi must enroll either in a *laurea triennale* or in a *laurea magistrale* program at the University or at the Politecnico of Torino. The additional activities of Junior and Senior Allievi at the Collegio last, respectively, for three and two years.

At the beginning of each academic year, the Allievo prepares a study program for the given year in accordance with her/his mentor. Such a program must be comply with the specific rules set below and it is then submitted, for approval, to the Director of Studies.

If an Allievo fails an exam at the Collegio, the Director of Studies can, at her/his discretion, ask the Allievo to either quit the program or take the exam again during the following year.

The Allievo who successfully completes her/his course requirements both at the University and at the Collegio with an overall average grade of at least 27/30 is admitted to the final examination.

### Junior Allievi

The **program of studies** of a Junior Allievo must include at least two courses per year, for an overall course load of at least 60 hours, to be chosen among the courses offered at the Collegio.

For the Junior Allievi, the **final examination** consists of an oral discussion where the Allievo discusses an essay that she/he wrote on a subject of her/his choice. The Allievo's essay is expected to demonstrate that she/he fruitfully attended the Collegio's courses and that her/his preparation is adequate for undertaking the Master's degree program offered in the second level of the Allievi Program – Laurea Magistrale. The essay is supervised either by a faculty member or by a fellow of the Collegio. Based on the oral examination, the committee decides whether or not to award the Diploma to the Allievo (with or without distinction).

The final examination cannot be taken more than once and must take place by the month of December immediately following the official end of the *laurea triennale*. Otherwise, the Allievo must quit the program and the Diploma cannot be awarded.

The Junior Allievi who earn the degree with distinction are automatically admitted to the Master's program as Senior Allievi. Junior Allievi who earn a degree without distinction can be admitted to the Master's program only via the regular Senior Allievi admission procedure.

### Senior Allievi

The **program of studies** of a Senior Allievo must include at least three courses per year, for an overall course load of at least 90 hours, to be chosen among the courses offered at the Collegio.

For the Senior Allievi, the **final examination** consists of an original thesis to be written on a subject of her/his choice. Its contents are presented in a scientific seminar, called thesis defense, to an ad hoc Thesis Committee. The Allievi are expected to master the recent scientific literature on the topic and to give some original insight into the problem. The thesis work is supervised either by a faculty member or by a fellow of the Collegio.

Based on the quality of the written thesis and of the seminar, the Thesis Committee decides whether to recommend to the Collegio's Director to award the Master to the Allievo (with or without distinction).

The final examination cannot be taken more than once and must take place by the month of May immediately following the end of the *laurea magistrale*. Otherwise, the Allievo must quit the program.

Based on the Thesis Committee's recommendation, the Collegio's Director decides whether the Allievo can be awarded the Master, with or without distinction. The Collegio officially awards the degrees to the Allievi in a public graduation ceremony.

After graduation, the Senior Allievi become Alumni of the Collegio. As such, they are invited to all public ceremonies and events at the Collegio and they have access to the Collegio's facilities and resources.

## FINANCIAL AID

The Collegio typically provides an Allievo with individual scholarships that cover:

- all fees and tuitions due to the University;
- food (for all students) and lodging expenses (only for students non-resident in the Torino area);
- teaching and research material (such as research books and software) related to activities performed at the Collegio.

The Director of Studies can award to the Allievi funds to cover their participation to conferences and workshops relevant for their final dissertations.

## ADMISSION

Any (Italian or foreign) student eligible to enroll in a *laurea triennale* or *magistrale* in Economics or related subjects of the University and of the Politecnico of Torino is entitled to apply to the Allievi Program. Related subjects are widely defined and include, for instance, philosophy, engineering, mathematics, political sciences and statistics.

A call for candidates for a given academic year is typically available starting from February of the previous year.

## PLACEMENT

Students who completed the Allievi Program in the Academic Year 2008-2009:

Valentina Barbero	Reale Mutua Assicurazioni, Torino
Isabella David	PhD student in Economics, University College London, Londra (UK)
Ilaria Laganà	Italian Embassy, Beirut (Libano)
Roberto Marfè	PhD student in Finance, Swiss Finance Institute and HEC, Université de Lausanne (Switzerland)
Silvia Montagna	PhD student in Statistics, Duke University, Durham, NC (USA)
Luciano Pomatto	PhD student in Managerial Economics and Strategy, Kellogg School of Management, Northwestern University, Evanston, IL (USA)
Giorgia Romagnoli	PhD student in Economics, New York University, New York (USA)
Emilia Soldani	PhD student in Economics, New York University, New York (USA)
Federico Tadei	PhD student in Social Sciences, California Institute of Technology, Pasadena, CA (USA)
Alberto Vigada	Bain & Company Consulting



Students who will complete the Allievi Program in the Academic Year 2009-2010:

Gloria Allione	PhD student in Economics, University of Pennsylvania, Philadelphia (USA)
Michela Giorcelli	PhD student in Economics, Stanford University, Palo Alto (USA)
Fabio Iannuzzelli	PhD student in Economics and Finance, CEMFI, Madrid (Spain)
Diego Mattone	Ernst & Young, Milano
Consuelo Nava	PhD student in Statistics and Applied Mathematics, Doctoral School in Economics, Università di Torino, Torino
Federico Petrini	Reale Mutua Assicurazioni, Torino
Deborah Pistorio	PhD student in Economics, University College London, Londra (UK)
Federico Tagliati	PhD student in Economics, University College London, Londra (UK)
Francesco Vercelli	PhD student in Economics, University of Pennsylvania, Philadelphia (USA)

## COURSES 2010-2011

Courses take place at the Collegio, according to the following teaching schedule.

### JUNIOR ALLIEVI - 1st YEAR

#### I semester

Tutorial in Economics	Ignacio Monzon, Ainhoa Aparicio Fenoll
Tutorial in Discrete Mathematics	Stefano Favaro

#### II Semester

Introduction to Algorithms	Fabrizio Altarelli, Alfredo Braunstein
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### JUNIOR ALLIEVI - 2st YEAR

#### I semester

Optimization for Economics	Theodoros Diasakos
Intermediate Mathematics	Elena Vigna

#### II Semester

Economic Principles	Dino Gerardi
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### JUNIOR ALLIEVI - 3rd YEAR

#### Introductory Courses

Introductory Mathematics	Pierpaolo De Blasi
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#### I semester

Microeconomics	Ignacio Monzon
Measure Theory	Matteo Ruggiero

#### II Semester

Applied Economics	Ainhoa Aparicio Fenoll
Probability	Antonio Lijoi



## SENIOR ALLIEVI - 1st & 2nd YEARS

### I semester

Econometric Theory I  
Macroeconomics  
Dynamic Optimization

Aleksey Tetenov  
Filippo Taddei  
Luigi Montrucchio

### II semester

Development Economics  
Econometric Theory II  
Game Theory  
Public Economics

Esteban Jaimovich  
Cristian Bartolucci  
Dino Gerardi  
Giovanni Mastrobuoni

## ALLIEVI 2009-2010

### ALLIEVI SENIOR

Gloria Allione  
(mentor: Theodoros Diasakos)

Fabrizio Lecci  
(mentor: Igor Pruenster)

Claudio Senatore  
(mentor: Theodoros Diasakos)

Alberto Ciancio  
(mentor: Mathis Wagner)

Chiara Margaria  
(mentor: Cristian Bartolucci)

Alexandra Scudo  
(mentor: Esteban Jaimovich)

Marta Fana  
(mentor: Giovanni Mastrobuoni)

Diego Mattone  
(mentor: Filippo Taddei)

Katia Sette  
(mentor: Esteban Jaimovich)

Alberto Frascarolo  
(mentor: Esteban Jaimovich)

Consuelo Nava  
(mentor: Stefano Favaro)

Federico Tagliati  
(mentor: Aleksey Tetenov)

Michela Giorcelli  
(mentor: Filippo Taddei)

Federico Petrini  
(mentor: Theodoros Diasakos)

Stefano Tracà  
(mentor: Igor Pruenster)

Fabio Iannuzzelli  
(mentor: Esteban Jaimovich)

Deborah Pistorio  
(mentor: Theodoros Diasakos)

Francesco Vercelli  
(mentor: Aleksey Tetenov)

### ALLIEVI JUNIOR

Giampaolo Caramellino  
(mentor: Filippo Taddei)

Alberto Fierro  
(mentor: Giovanni Mastrobuoni)

Giulia Spagnoli  
(mentor: Esteban Jaimovich)

Mattia Ciollaro  
(mentor: Pierpaolo De Blasi)

Federica Odifreddi  
(mentor: Cristian Bartolucci)

Cecilia Ferrando  
(mentor: Filippo Taddei)

Marco Odifreddi  
(mentor: Filippo Taddei)



## FACULTY & STAFF

### Director

Pietro Garibaldi

### Vice-Directors

Igor Pruenster, Filippo Taddei

### Faculty

Ainhoa Aparicio Fenoll

Cristian Bartolucci

Theodoros Diasakos

Dino Gerardi

Esteban Jaimovich

Giovanni Mastrobuoni

Ignacio Monzón

Filippo Taddei

Aleksey Tetenov

### Adjunct Faculty

Fabrizio Altarelli

Alfredo Braunstein

Pierpaolo De Blasi

Stefano Favaro

Antonio Lijoi

Luigi Montrucchio

Matteo Ruggiero

Elena Vigna

### Administrative Coordinator

Federica Gai



## Collegio Carlo Alberto

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