

**University of Brescia**  
**Department of Economics and Management (DEM)**

**SUMMER SCHOOL 2025**

*Agent-Based Models for Economics, Finance and Climate Change*

*Brescia, 8-12 September 2025*

Call for applications for the selection of no. 25 students to attend the Summer School 2025 'Agent-Based Models for Economics, Finance and Climate Change' organized by the Department of Economics and Management of the University of Brescia and for the award of no. 5 scholarships in the form of free accommodation for the period of attendance of the Summer School.

**Teachers and training activities.** The Summer School will be held at the Department of Economics and Management in Brescia and aims to provide an introductory grounding in agent-based models. The Summer School will offer an applied and interdisciplinary perspective, with a focus on macroeconomic-financial, industrial, and climate change dynamics. Teaching will take place through a combination of theoretical lectures and laboratory sessions using simulation software. Lectures will be delivered in English by lecturers from the University of Brescia, as well as by other lecturers from prestigious Italian and/or European universities.

**Content.** The summer school will focus on the following topics:

- Introduction to Agent-Based Models (ABMs): methodological foundations;
- ABMs, industrial dynamics, technological change and international trade;
- ABMs, networks and financial markets;
- ABMs, macroeconomic dynamics, fiscal and monetary policies;
- ABMs, climate change, and energy transition policies.

**Eligibility Criteria.** Students are admitted to the course if they meet at least one of the following requirements:

- are in possession of a 3-year degree in Economics, Engineering, Mathematics or Physics;
- are enrolled in a Master's degree or doctorate at the University of Brescia;
- are in possession of a degree deemed equivalent to the previous ones.

**Applications and deadlines.** Participation in the Summer School is restricted to a maximum of 25 students. Applications must be completed at the following link no later than 22 June 2025. <https://forms.gle/3wSshxwdZWmiNADN6>

The selection will be made on the basis of the overall assessment of the curricula and is entrusted to the Summer School Scientific Committee. The results of the selection will be published on the Department's website and communicated by e-mail.

**Scholarships.** Candidates may apply for the award of 5 scholarships in the form of free accommodation for the period of attendance of the Summer School, by checking the relevant box in the application form. Winners will be selected on the basis of merit criteria at the sole discretion of the Summer School Scientific Committee. Preference will be given to applications from foreign students. Students residing less than 50km from Brescia will not be entitled to accommodation.

**Notes.**

- Attendance in presence is required. The courses will not be delivered in distance learning mode.
- The summer school will allow the attribution of 1 extracurricular CFU for students of the University of Brescia, as foreseen by DEM regulations.

**Scientific and organizing committee**

- prof. Mattia GUERINI ([mattia.guerini@unibs.it](mailto:mattia.guerini@unibs.it))
- prof. Davide BAZZANA ([davide.bazzana@unibs.it](mailto:davide.bazzana@unibs.it))
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- dr. Elisa GRUGNI ([elisa.grugni@unibs.it](mailto:elisa.grugni@unibs.it))

Brescia, 23 April 2025