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PhD program in Mathematics and Applications (MATH)

Research interests and Faculty	The **PhD Program in Mathematics and Applications** at Bocconi University is a four-year program taught in English. It is a strategic initiative that builds on the Department of Decision Sciences' internationally recognized faculty, vibrant research environment, and Bocconi University's mission to foster interdisciplinary innovation. The Department has a strong tradition in both pure and applied mathematics, with several faculty members holding prestigious ERC grants. *Curriculum and timeline.* The first year provides rigorous core training at the heart of Mathematical Analysis—bringing students quickly to the research frontier and enabling them to launch a substantive research agenda—and is complemented by electives that may cover other areas of mathematics or, depending on their interests, economics, finance, statistics, or machine learning. The second year completes this preparation, offering a view toward applications and providing advanced, research-oriented courses, also taught by visiting professors. The program is structured accordingly: research begins in the first year and develops progressively thereafter. Years three and four are devoted fully to research and thesis writing, with opportunities for international research visits and exchanges. *Interdisciplinarity* In addition to a strong core in cutting-edge Mathematical Analysis, the program offers distinctive opportunities for interdisciplinary collaboration in economics, finance, decision theory, and computer science, in line with Bocconi's tradition in the social sciences. *Faculty and visiting scholars* The faculty includes internationally acknowledged researchers in Mathematical Analysis, Applied and Computational Mathematics, Decision Theory, and Mathematical Finance. The program also benefits from authoritative visiting professors who deliver short monographic courses on frontier topics.

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	Careers The PhD in Mathematics and Applications is designed for highly motivated students aiming for first-rate research careers in academia, research institutes, and quantitative roles in industry and finance, as well as strategy consulting, operation research, optimization, and AI/ML labs. *Admission profile* We welcome applications from highly qualified and motivated candidates with an MSc degree in pure or applied Mathematics, as well as from candidates in Computer Science, Physics, Economics, Data Science, Engineering, or related areas, provided they have a solid background in mathematics. *Student support* The PhD School Office is available to support candidates during the application process and students throughout their studies. For more information about the program, please visit the website: PhD in Mathematics and Applications
Opening date	3 November 2026
Closing date	18 January 2027
Available places WITH FELLOWSHIP funded by Tech Europe Foundation (TEF)	4 TEF fellowships
Fellowship	€ 27,000 per year for four years
Starting date	1 September 2027
Enrollment date	Refer to Art. 10 "Enrollment deadlines" of the present Call for details
Duration	4-year, full-time program
Curricula	--
Selection Criteria (see art.	The assessment is based on a candidate's:

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5)	• Curriculum Vitae (mandatory); • Academic Records (mandatory); • Statement of purpose (mandatory); • Up to three reference letters (not mandatory). The **assessment criteria** are as follows: • a maximum of **60 points** for the applicant's curriculum vitae and academic records; • a maximum of **40 points** for statement of purpose and reference letters. The Admission Board may decide to conduct a brief online interview or request video-recorded interview through the admission portal to get clarification about the student's qualifications. No additional points are given to the interview. **A minimum total score of 60 points is required to be eligible for admission.**
Results	No later than 15 March 2027
Contact and technical support	phdadmission@unibocconi.it http://www.unibocconi.eu/admissionphd