

# Quant Guide 2022: University of Bologna

Bologna, Italy



Photo: Maria Montalbò

Risk staff

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## University of Bologna – Master in Quantitative Finance



Programme director	Silvia Romagnoli
Website	<a href="https://corsi.unibo.it/2cycle/Qfinance">https://corsi.unibo.it/2cycle/Qfinance</a>
Full-time students	65 for the 2021–22 cohort, 59 for the 2020–21 cohort
Part-time students	None
International students	47 for the 2020–21 cohort; 37 for the 2021–22 cohort
Average class size	40 for the 2021–22 cohort; 35 for the 2020–21 cohort
Applications received	463 applications
Offers made	119 for 2021/22
Offers accepted	65 at the time of reporting (several months before deadline)

Teaching staff	49
Industry-affiliated teaching staff	11
Teaching hours	962
Visiting staff teaching hours	60
Homework hours	Estimated 1,200 hours (10 hours/week); contact time with faculty (two office hours for course/week); proposed time for assignments/independent study 2,500 hours (20 hours/week)
Employment rate	91%
Unavailable employment data	N/A
Graduates in further study	9%
Graduates employed in	Banking: 20%; asset management: 30%; consulting: 21%; fintech: 11%; academia: 8%; other: 10%
Post-master's salaries	\$42,000
Most-cited teaching staff	Jan Dhaene: 1,808 citations; Fabrizio Lillo: 3,208 citations; Umberto Cherubini: 910 citations; Pietro Rossi: 155 citations; Gabriella Chiesa: 190 citations
Programme duration	2 years
Fees	Up to €3,060
Application deadline date	First intake will be mid-February 2,022, the second one mid-June 2022 and the third mid-July 2022.
Gender balance of students	64% male, 36% female

Gender

balance of teaching staff 78% male, 22% female

Institutional funding Need- and merit-based available.

Career support Career support staff include: course coordinators; tutors; internship office; job placement office.

% of teaching conducted remotely 100% blended activities (both onsite and online) predicted for 2021/22.

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The University of Bologna's 'second-cycle' degree in quantitative finance returns to the *Risk.net* Quant Guide this year, having made gains in a number of key areas. While the course's average employment rate has fallen slightly – down to 91% from 93% last year – graduate salaries have climbed dramatically, now sitting at \$42,000 versus \$33,489 in the most recent guide. The course has also proven more popular with applicants: for the latest intake, the programme received 463 applications, an improvement of over 100 on the previous count of 343.

The master's has also hired new staff and incorporated fresh course content, says programme director and professor of statistical sciences Silvia Romagnoli. The new instructors, she continues, will teach material on credit risk and machine learning. The new courses, some of which focus on burgeoning green finance topics, include classes in: asset management and transition risk; introductory and advanced machine learning; and credit risk and climate change. The programme's core offering includes classes in: programming with Python; numerical methods with programming in Mathematica; financial regulation; and market microstructure.

Romagnoli says the coronavirus has had mixed impacts on her programme. Students have become more accustomed to online examinations, she says. She points out that grades have been improving over the past year, and that the master's will continue to offer remote

classes. And while the programme's employment rate hasn't taken a particularly dramatic hit, there have been some appreciable downsides for graduates.

"Placements have been impacted by bans on travelling," says Romagnoli. "A high percentage of graduates used to move abroad – they've been constrained by pandemic restrictions to find local placements, which might not be perfectly fitted to the graduates."

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