



Dual Degree

Academic Year 2022/2023

Università Cattolica del Sacro Cuore and University of North Carolina at Charlotte

School of Banking, Finance and Insurance Sciences

Master's Degree Program (Laurea Magistrale) in: Banking and Finance | Economia dei mercati e degli intermediari finanziari | Statistical and Actuarial Sciences (Curriculum Actuarial sciences for insurance)

Program

The program offers students the possibility of obtaining a double degree at its completion: Laurea Magistrale from Università Cattolica del Sacro Cuore and Master of Science in Mathematical Finance from the University of North Carolina at Charlotte. Banking and Finance students, can also apply for the Master of Science in Economics.

The program covers two years of study, with the first year at Università Cattolica and the second year at the University of North Carolina at Charlotte.

Eligible students and how to apply

Students enrolled in the first year of Laurea Magistrale at the School of Banking, Finance and Insurance Sciences can apply for the program.

Second-year students can also apply to the program, but the priority for the assignment of scholarships (see below) will be given to first-year students.

Applications must be submitted via the appropriate enrollment procedure by March 8th, 2022 along with the payment of the not refundable relative application fee.

Applications will be assessed and ranked, based on:

- 60% weighted average from the winter session;
- 20% total credits accumulated during the winter session;
- 20% English language proficiency with certification (see more details under "Language requirements").

Minimum requirements

- At least 15 credits accumulated over the winter session and a minimum weighted average of 24/30;
- 90/110 final evaluation undergraduate level;
- Courses that will count toward UNC Charlotte degree should have a minimum grade of 24/30

Language requirements

All applicants must have a valid TOEFL, IELTS or Duolingo certificate with a score of at least 83 for TOEFL, 6.5 for IELTS or 115 for Duolingo. The certificates should be passed no more than two years from the closing date of this program. When taking the tests, the results must be sent [directly to Charlotte](#).



Program requirements

To obtain a MSc in Mathematical Finance or a MSc in Economics at the University of North Carolina at Charlotte, students must complete all exams as set out in the agreement. Please see the Study Plans at the following pages.

Theology

Please note that all the students taking part in the Degree Program are required, in accordance with Cattolica regulations, to take the Theology exams present in their course plan.

Thesis

Students in the program will prepare a final thesis during their exchange period, under the coordinated supervision of both institutions (one member of the academic staff from each institution). The final thesis will be discussed at Università Cattolica del Sacro Cuore upon return from the exchange period, in accordance with the rules set by the Faculty Board.

Cost

The estimated fee for the Master's program at the University of North Carolina at Charlotte is \$ 33,000. This cost may be subject to change and any change will be updated.

Students will be ranked following academic performance and English proficiency, as stated here below:

- 60% weighted average as of the closing date of this call;
- 20% total credits accumulated within the closing date of this call;
- 20% English language proficiency with certification (see more details under "Language requirements")



Cattolica International will award scholarships of €3,000 to eligible candidates, until funds are available.

In addition to this, the first and the second best students will have a discount on the tuition fee as stated below:

- 1st: \$19,500
- 2nd: \$ 27,500

Selected students will be responsible for all costs associated to their time abroad (travel, room and board, UNCC registration fees, cost of academic material, health insurance and visa issuance fees).

Selected students must also be officially enrolled at Università Cattolica del Sacro Cuore for the entirety of their time at UNCC (respecting all university set deadlines for fees, study plans, graduation scheduling requests etc.).

Please note that the Cattolica scholarship will be issued as reimbursements, the beneficiaries will receive direct instructions regarding the procedure to follow.

The scholarships will be confirmed from January 2022.

Student Safety Package



All students participating in an official Cattolica International program must accept the "[Student Safety Package](#)" provisions by downloading the "Safety Check Students" app for the geo-location and instant messaging features to be used exclusively in the event of an emergency. The "Student Safety Package" also includes health insurance coverage for the entire duration of the program.

Study plan for Banking and Finance profile (Master of Science in Mathematical Finance)

First Year at Università Cattolica

- Advanced Financial Accounting
- Quantitative Methods for Finance
- Corporate Finance
- Monetary Economics
- Principles of Financial Regulation
- Derivatives Securities Pricing (this exam is a compulsory pre-requisite to be fully admitted at UNCC. It needs to be passed in the winter session with a minimum grade of 24/30)
- Applied Statistics for Finance (this exam is a compulsory pre-requisite to be fully admitted at UNCC. It needs to be passed by the first exam date in May/June session with a minimum grade of 24/30)
- Foreign Language

Second Year at UNCC

- ECON/FINN 6203 – Financial Economic Theory
- FINN 6214 – Asset and Portfolio Management
- MATH 6203 – Stochastic Calculus for Finance
- FINN 6213- Risk Management and Financial Institutions
- FINN 6211 – Fixed Income Securities and Credit Risk
- FINN 6215 – Risk Management in Insurance Companies
- FINN 6216 – Quantitative Risk Management
- FINN 6219 – Financial Econometrics

Study Plan Banking and Finance profile (Master of Science in Economics)

First Year at Università Cattolica

- Monetary economics
- Quantitative Methods for Finance
- Principles of Financial Regulation
- Investment Risk Management
- Market microstructure
- International Financial Markets
- Foreign Language

Second Year at UNCC

- Advanced Macroeconomic Theory
- Advanced Microeconomic Theory
- Advanced Business and Economic Forecasting
- Financial Management
- Advanced Corporate Finance
- Financial Derivatives
- Master's Thesis Research

Study Plan for Economia dei Mercati e degli Intermediari Finanziari

(Master of Science in Mathematical Finance)

First Year at Università Cattolica

- Informativa finanziaria e principi contabili internazionali
- Diritto commerciale
- Economia monetaria
- Metodi quantitativi per la finanza II
- Microeconomia
- Strumenti derivati (this exam is a compulsory pre-requisite to be fully admitted at UNCC. It needs to be passed by the first exam date in May/June session with a minimum grade of 24/30)
- Diritto bancario e dei mercati o Diritto delle assicurazioni o Diritto degli emittenti quotati (one of these exams is a compulsory pre-requisite to be fully admitted at UNCC. It needs to be passed in the winter session or by the first exam date in May/June with a minimum grade of 24/30)
- Lingua inglese

Second Year at UNCC

- ECON/FINN 6203 – Financial Economic Theory
- FINN 6214 – Asset and Portfolio Management
- FINN 6213 – Risk Management and Financial Institutions
- FINN 6113 – Cross-sectional and Time Series Econometrics
- FINN 6211 – Fixed Income Securities and Credit Risk
- FINN 6215 – Risk Management in Insurance Companies
- MATH 6203 – Stochastic Calculus for Finance
- FINN 6219 – Financial Econometrics

Study Plan Statistical and Actuarial Sciences (Master of Science in Mathematical Finance)

First Year at Università Cattolica

- Actuarial Life insurance
- Actuarial Non-life insurance (this exam is a compulsory pre-requisite to be fully admitted at UNCC. It needs to be passed by the first exam date in winter session with a minimum grade of 24/30**)
- Actuarial model for social security and Pension Funds
- Statistics for economics and finance
- Insurance Law and regulation
- Data analysis for insurance (this exam is a compulsory pre-requisite to be fully admitted at UNCC. It needs to be passed in the winter session with a minimum grade of 24/30)
- Economics for Finance
- Quantitative Methods for Finance
- Foreign Language
- Introduction to actuarial mathematics and risk theory*/**

*Levelling course only for students who need to strengthen their knowledge in Actuarial mathematics and risk theory (depending on their bachelor degree)

**Introduction to actuarial mathematics and risk theory replaces Actuarial Non-life insurance as the compulsory pre-requisite for students who have the levelling course in the study plan.

Second Year at UNCC

- MATH 6203 – Stochastic Calculus for Finance I
- ECON/FINN 6203 – Financial Economic Theory
- FINN 6213 – Risk Management in Insurance Companies
- FINN 6210 – Financial Elements of Derivatives
- FINN 6211 – Fixed Income Securities and Credit Risk
- MATH 6206- Stochastic Calculus for Finance II
- FINN 6216 – Quantitative Risk Management
- FINN 6219 – Financial Econometrics

Contacts

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UCSC Outgoing Students



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MyCattolica