



Admission Procedures Graduate Programme

School of Banking, Finance and Insurance Sciences

Graduate Degree Programme in **Statistical and Actuarial Sciences** (Class LM-83)

Academic year 2023/2024 – Milan Campus

Profile

- *Actuarial Sciences for Insurance*

Programme in ENGLISH

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1. ADMISSION REQUIREMENTS

To be admitted to the Graduate Programme in Statistical and Actuarial Sciences, it is necessary to meet the admission requirements set out in the following paragraphs.

1.1. Curricular requirements

To access the Graduate Programme in Statistical and Actuarial Sciences it is necessary to meet **one** of the following **curricular requirements**:

- I. An **undergraduate degree** (ex-Ministerial Decree 270/04 or ex M.D. 509/99) obtained or to be obtained by **28 February 2024** in the degree class:
 - L-08 Information engineering (ex-Ministerial Decree 270/04 or class 9 ex M.D. 509/ 99);
 - L-09 Industrial engineering (ex M.D. 270/04 or class 10 ex M.D. 509/ 99);
 - L-18 Economics and business management sciences (ex M.D. 270/04 or class 17 ex M.D. 509/ 99);
 - L-30 Physical science and technology (ex M.D. 270/04 or class 25 ex M.D. 509/ 99);
 - L-31 Computer science and technology (ex M.D. 270/04 or class 26 ex M.D. 509/ 99);
 - L-32 Sciences and technologies for the environment and nature (ex M.D. 270/04 or class 27 ex M.D. 509/ 99);
 - L-33 Economic sciences (ex-M.D. 270/04 or class 28 ex M.D. 509/ 99);
 - L-35 Mathematics (ex M.D. 270/04 or class 32 ex M.D. 509/ 99);
 - L-41 Statistics (ex M.D. 270/04 or class 37 ex M.D. 509/99).
- II. a certain number of **ECTS** in the syllabus of the undergraduate degree programme, or as individual courses passed, in the following scientific-disciplinary sectors:
 - a. at least 12 ECTS in the sector of statistics: SECS-S/01, SECS-S/02, SECS-S/03, SECS-S/04, SECS-S/05;
 - b. at least 14 ECTS in the sector of mathematics: MAT/02, MAT/03, MAT/05, MAT/06, MAT/07, MAT/08, MAT/09, SECS-S/06;
 - c. at least 26 ECTS in an interdisciplinary sector: SECS-S/01, SECS-S/02, SECS-S/03, SECS-S/04, SECS-S/05, MAT/02, MAT/03, MAT/05, MAT/06, MAT/07, MAT/08, MAT/09, SECS-S/06, SECS-P/01, SECS-P/02, SECS-P/03, SECS-P/05, SECS-P/06, SECS-P/07, SECS-P/08, SECS-P/09, SECS-P/10, SECS-P/11, INF/01, ING-INF/05, ING-IND/35.

The following may be missing:

- **up to a maximum of 5 ECTS**, from among those required, **in the areas of statistics and mathematics**;
- **up to a maximum of 10 ECTS**, among those required, **in the interdisciplinary area**.

The programme coordinator reserves the right to assess whether the required teaching content has been included in the syllabus of the undergraduate degree programme and, if necessary, to draw up an *ad hoc* degree curriculum. Candidates will receive appropriate communication.

The syllabus of candidates with an old university degree, an undergraduate university diploma or a diploma from a school for special purposes in accordance with the pre-Ministerial Decree 509/99 or integrated/graduate programme from post-Ministerial Decree regulations 509/99- M.D. 270/04 is assessed by a special Commission appointed by the Faculty.



1.2. English language knowledge

In addition to the above ADMISSION REQUIREMENTS, it is mandatory to have an adequate knowledge of English, corresponding to at least a B2 level. It is therefore necessary to have **one of the following English language certifications obtained as of 1 January 2021:**

- TOEFL/IBT (score of at least 84);
- Academic IELTS (score of at least 6);
- Cambridge English: First - FCE (score of at least 173);
- Cambridge English: Advanced – CAE;
- Cambridge English: Proficiency – CPE;
- Cambridge English: Business English Certificate (BEC Vantage and BEC Higher);
- Trinity College London: ISE II (B2);
- Trinity College London: ISE III (C1);
- Trinity College London: ISE IV (C2);
- Pearson: PTE with score from 46.

or one of the following requirements:

- undergraduate degree or equivalent obtained in English;
- the candidate comes from one of the profiles/programmes taught in English at Università Cattolica del Sacro Cuore.

In lack of the above-mentioned certifications or requirements it is necessary to take an *Evaluation Test of English Language Proficiency*, within the deadline for submitting the application form (see paragraph 3 ADMISSION PROCEDURES AND DEADLINES), organised by SELDA, the Language Service of Università Cattolica del Sacro Cuore. The dates and registration procedures are indicated in the [notice](#).

1.3. Adequacy of personal preparation

Candidates from the Economics of Financial Markets and Intermediaries - Quantitative Methods for Finance and Insurance profile at Università Cattolica del Sacro Cuore with a weighted average of the examinations taken **greater than or equal to 23/30** shall be directly recognised as having adequate personal preparation as specified in Article 6, paragraph 2 of Italian Ministerial Decree 270/2004.

For the other candidates, the adequacy of their personal preparation is not directly recognised and an interview is foreseen in accordance with the procedures indicated in section 4 INTERVIEW TO VERIFY THE ADEQUACY OF PERSONAL PREPARATION.

2. NUMBER OF PLACES AVAILABLE

There are **70 places** on the Graduate Programme in Statistical and Actuarial Sciences programme, **10 of which are reserved for non-EU candidates with an international qualification.**

3. ADMISSION PROCEDURES AND DEADLINES

Places on the Statistical and Actuarial Sciences programme are allocated according to 2 admission phases.

PHASE*:	ADMISSION PROCEDURE	APPLICATION SUBMISSION
EARLY PHASE	CHRONOLOGICAL ORDER WITH AN INTERVIEW TO VERIFY THE ADEQUACY OF PERSONAL PREPARATION Chronological order for candidates of the programmes in Economics of Financial Markets and Intermediaries -	From 10 January 2023 to 23 March 2023



PHASE*:	ADMISSION PROCEDURE	APPLICATION SUBMISSION
	Quantitative Methods for Finance and Insurance profile at Università Cattolica del Sacro Cuore	
ORDINARY PHASE	CHRONOLOGICAL ORDER WITH AN INTERVIEW TO VERIFY THE ADEQUACY OF PERSONAL PREPARATION Chronological order for all candidates	From 29 May 2023 to 19 December 2023

*The admission phase following the early admission phase is only carried out if there are still places available.

Candidates with an Italian qualification must use the [Enrolment Portal](#); for information on the procedure to follow, consult the [Enrolment Portal User Guide](#).

Candidates with a foreign qualification must comply with the provisions issued by the Ministry of University and Research, which have been published in a specific note. For information on admission to the Graduate Programme, please contact the International Admissions Office and read the admission procedures at [link \(https://international.unicatt.it/ucscinternational-undergraduate-programmes\)](https://international.unicatt.it/ucscinternational-undergraduate-programmes).

3.1. Early phase - Chronological order with an interview to verify the adequacy of personal preparation.

For candidates on the programme in Economics of Financial Markets and Intermediaries - Quantitative Methods for Finance and Insurance at Università Cattolica del Sacro Cuore

APPLICATION SUBMISSION: from 10 January 2023 to 23 March 2023

Provided that all ADMISSION REQUIREMENTS are met, candidates coming from the programme in Economics of Markets and Financial Intermediaries - Quantitative Methods for Finance and Insurance at Università Cattolica del Sacro Cuore with a **weighted average score higher than or equal to 23/30**, whose personal preparation is directly recognised as adequate, may directly reserve their place in chronological order, by paying the first instalment of university tuition fees through the [Enrolment Portal](#) starting **from 10:00 on 10/01/2023 and by 23:59 on 23/03/2023**.

To reserve a place, please consult the [Enrolment Portal User Guide](#).

Provided that **all** ADMISSION REQUIREMENTS are met, candidates coming from the programme in Economics of Markets and Financial Intermediaries - Quantitative Methods for Finance and Insurance at Università Cattolica del Sacro Cuore **with a weighted average of less than 23/30 will not be directly recognised as having satisfactory personal preparation**.

Candidates must book **an interview to verify the adequacy of their personal preparation** through the [Enrolment Portal](#) **from 10:00 on 10/01/2023 until 23:59 on 16/03/2023** (see section 4 INTERVIEW TO VERIFY THE ADEQUACY OF PERSONAL PREPARATION).

Candidates who are successful in the interview can reserve their place in chronological order through the [Enrolment Portal](#) **by 23:59 on 23/03/2023**.

To book an interview and reserve a place, please consult the [Enrolment Portal User Guide](#).

Candidates who do not reserve their place by the dates indicated, if interested in participating in the next phase, must submit a new application, requesting the cancellation of the one previously opened. This request must be made at least two working days before the expiry of the phase of interest via the following link: <https://www.unicatt.it/richiesta-informazioni-lauree-magistrali>.



3.2. Ordinary phase - Chronological order with an interview to verify the adequacy of personal preparation.

APPLICATION SUBMISSION: from 29 May 2023 to 18 December 2023 - For places still available from the Early phase

Provided that all ADMISSION REQUIREMENTS are met, candidates coming from the programme in Economics of Markets and Financial Intermediaries - Quantitative Methods for Finance and Insurance at Università Cattolica del Sacro Cuore with a **weighted average higher than or equal to 23/30**, whose personal preparation is directly recognised as adequate, **may directly reserve their place in chronological order**, by paying the first instalment of university tuition fees through the [Enrolment Portal](#) **starting from 10:00 on 29/05/2023 and by 23:59 on 18/12/2023**, for any places available at the end of the Early phase.

Candidates with a weighted average of the examinations taken **greater than or equal to 23/30** and meeting or failing to meet, within the limits indicated above, the CURRICULA REQUIREMENTS:

- coming from the Economics of Markets and Financial Intermediaries programme - Economics of Markets and Financial Intermediaries profile of Università Cattolica del Sacro Cuore;
- coming from other programmes at Università Cattolica del Sacro Cuore;
- coming from other universities;

must open **an application for the evaluation of their syllabus** through the [Enrolment Portal](#) **from 10:00 on 29/05/2023 until 23:59 on 11/12/2023** (see section 5 EVALUATION OF THE SYLLABUS).

Candidates will receive the outcome of the evaluation by e-mail. If the outcome is positive, they may reserve their place in chronological order, until all places have been filled, by paying the first instalment of tuition and fees through the [Enrolment Portal](#) by 23:59 on 18/12/2023; if the outcome is negative, they may not enrol in the programme and may request an interview with the programme coordinator in order to discuss the reasons for their exclusion.

Candidates with a weighted average of the examinations taken of **less than 23/30** must book an **interview** to verify the adequacy of their personal preparation through the [Enrolment Portal](#), **from 10:00 on 29/05/2023 until 23:59 on 11/12/2023** (see section 4 INTERVIEW TO VERIFY THE ADEQUACY OF PERSONAL PREPARATION).

Candidates receive the outcome by e-mail at the end of the interview. If the outcome is positive, they may **reserve their place in chronological order**, until all places have been filled, by paying the first instalment of university fees and contributions through the [Enrolment Portal](#) **by 23:59 of 18/12/2023**; if the outcome is negative, they **may not enrol in the programme**. Those absent from the interview can book a new one through the [Enrolment Portal](#).

To find out how to book an interview and reserve a place, please consult the [Enrolment Portal User Guide](#).

4. INTERVIEW TO VERIFY THE ADEQUACY OF PERSONAL PREPARATION

In both admission phases, for some candidates there is an interview to verify the adequacy of personal preparation carried out by the Graduate degree Programme coordinator, who assesses the necessary knowledge and skills required through a careful analysis of the curriculum.

More specifically, given that the degree curriculum includes subjects in Actuarial Mathematics, Risk Theory and Accounting for Advanced Insurance Companies, which presuppose a basic knowledge of these subjects, the interview will include an analysis of the undergraduate degree programme syllabus to assess whether the courses taken have potentially enabled the student to acquire this knowledge. **The interview** concludes with a question aimed at ascertaining the candidate's motivation for enrolling in the degree programme.



If the interview concludes with the identification of knowledge missing in the three areas indicated above, the outcome of the assessment is positive, but conditional on the inclusion in the syllabus, within the 120 ECTS envisaged by the degree curriculum, of the 10 ECTS "Introduction to Actuarial Mathematics and Risk Theory" course, which represents a levelling course, delivered in the 1st semester of the 1st year of the programme (compulsory integration). The levelling course consists of three modules (Accounting, Actuarial Mathematics and Risk Theory), and partial failures result in the levelling course being awarded for the corresponding modules only. The course is included in the syllabus in place of elective courses and the exam must be taken before the advanced actuarial mathematics exams (Actuarial Life Insurance, Actuarial Non-Life Insurance, Actuarial Models for Social Security and Pension Funds, Advanced Risk Theory).

The interview is conducted online, through the Microsoft TEAMS platform. No later than the day before the date of the interview, candidates receive an invitation by e-mail from the coordinator. During the interview, candidates must show a valid identity document and any documentation deemed useful for the purpose of verifying their syllabus (e.g. programmes of courses taken during their undergraduate programme only for candidates from other universities).

Candidates who are cleared following the interview can reserve their place, otherwise they cannot enrol in the programme. If the candidate is absent, it is possible to book a new interview to verify the adequacy of personal preparation through the [Enrolment Portal](#).

5. EVALUATION OF THE SYLLABUS

The **evaluation** of the syllabus is carried out remotely and is aimed at verifying that the undergraduate programme syllabus contains the required teaching content. Following this assessment, candidates are notified by e-mail of the outcome.

Candidates who are assessed positively but show gaps in the areas indicated in section 1.1. CURRICULAR REQUIREMENTS may be assigned a compulsory integration exam (see section 6 ENROLMENT AND PRE-ENROLMENT).

6. ENROLMENT AND PRE-ENROLMENT

Graduate candidates, after reserving their place through the payment of the first instalment, must proceed to enrolment via the [Enrolment Portal](#). To reserve a place, please consult the [Enrolment Portal User Guide](#).

Candidates about to graduate, after reserving their place by paying the first instalment, must proceed to pre-enrolment. For information on the pre-enrolment procedure please consult the [Enrolment Portal User Guide](#).

Pre-enrolment for the graduate programme is accepted with reservation and is subject to obtaining the qualification within the deadlines laid down in the admission procedures.

Pre-enrolled candidates reserve a place with the right to attend the Graduate Programme courses from their start. They are required to complete enrolment immediately after obtaining their degree.

Compulsory integration: Candidates who have been assigned a compulsory integration examination following the assessment of the adequacy of their personal preparation must necessarily take it during their university career and before obtaining their graduate degree. The examination is inserted in place of the elective provided for in the degree curriculum.

7. CANDIDATES WITH DISABILITIES OR WITH SPECIFIC LEARNING DISORDERS (SLD)

Candidates with disabilities or Specific Learning Disorders (SLD) are required to upload their disability report or certificate of SLD in the appropriate section of their profile in the Enrolment Portal.



For further information please contact the secretariat of the [Services for the Integration of Students with Disabilities and with SLD](#).

8. TRANSFER FROM ANOTHER UNIVERSITY, SECOND DEGREE AND RESUMPTION OF CAREER

Candidates wishing to transfer from another university, enrol in a second degree or resume their university career must meet the admission requirements and comply with the deadlines and procedures set out in section 3 ADMISSION PROCEDURES AND DEADLINES.

Depending on the admission phase to which they belong, candidates must submit their application for admission to the Graduate degree Programme in **Statistical and Actuarial Sciences** through the [Enrolment Portal](#). Following admission, it is necessary to reserve the place, pay the first instalment and the secretarial fees, and submit the application through the [Enrolment Portal](#) within the deadlines indicated in section 3 ADMISSION PROCEDURES AND DEADLINES.

Candidates who transfer from another university, after having reserved their place, may sit other examinations, at their university of origin, until they submit their **Transfer Application**, which must normally be submitted no later than **18 December 2023**. The place is reserved when the documentation submitted is validated by the Student Services Centre.

The competent teaching structure will only assess examinations taken and recorded up to the submission of the Transfer Application.

Candidates enrolling for a second degree, after reserving their place by paying the first instalment and the secretarial fees, must submit an **Application for a Second Degree**, which must normally be submitted no later than **31 December 2023**. The degree from the home programme must necessarily be obtained by 31 December 2023. The place is reserved when the submitted documentation is validated by the Student Services Centre.

Candidates resuming their career, after having paid the first instalment and the secretarial fees, must submit an **Application for Resumption of Career**, which must normally be submitted no later than **18 December 2023**. The place is reserved when the documentation submitted is validated by the Student Services Centre.

Candidates are required to forward a copy of the course programmes and examinations passed at their home university, in PDF format, to the following e-mail address domanda.istruttoria-mi@unicatt.it. The syllabus must contain information regarding the details of the topics, bibliography and reference professors/lecturers.

For admission to the 2nd year of the programme, at least 40 ECTS must be validated.

Only examinations taken in English are validated.

9. PROGRAMME CHANGE WITHIN UNIVERSITÀ CATTOLICA

Candidates wishing to transfer to a programme/profile within Università Cattolica must meet the ADMISSION REQUIREMENTS and comply with the deadlines and procedures indicated in section 3 ADMISSION PROCEDURES AND DEADLINES.

Depending on the admission phase to which they belong, candidates must submit their application for admission to the Graduate degree Programme in **Statistical and Actuarial Sciences** through the [Enrolment Portal](#). Following admission, it is necessary to reserve the place, pay the first instalment and secretarial fees, and submit the application through the [Enrolment Portal](#) within the deadlines indicated in section 3 ADMISSION PROCEDURES AND DEADLINES.

After reserving a place, it is possible to take other examinations of the programme/profile of origin until the start of the Change procedure, which is done by clicking the "**Proceed with Change**" function in the Enrolment Portal, normally no later than **18 December 2023**.



The competent teaching structure will only assess the examinations taken and recorded until the start of the Change procedure.

For admission to the 2nd year of the programme, at least 40 ECTS must be validated.

Only examinations taken in English are validated.

Please note: It is not possible to change programme from an integrated degree to a graduate degree programme.

10. CONTACTS

For further information and clarifications, please use the "[Request for information on graduate programmes](#)" or consult the [FAQ](#).

For support in using the Enrolment Portal, use the "Assistance" button in the Portal itself.

11. FINAL NOTES AND PERSON IN CHARGE OF THE PROCEDURE

The "General regulations for determining university tuition fees for the a.y. 2023/24" apply to enrolled students.

Students are required to read any additions, changes, updates to these procedures published on the website of Università Cattolica.

In accordance with law no. 241/1990, the person responsible for this admission procedure is Gabriele Montoli (Student Career Services Director).

Milan, 13 April 2023