



Admission procedures graduate degree programme

Faculty of Mathematical, Physical and Natural Sciences

Graduate degree in **Physics** (class LM-17)

Academic Year 2023/2024

Brescia Campus

Profiles:

- **PHYSICS**
- **PHYSICS FOR TECHNOLOGIES AND INNOVATION (English profile)**

Programme in ITALIAN language

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1. ADMISSION REQUIREMENTS

Admission to the graduate degree programme in Physics requires the admission requirements set out in the following paragraphs.

1.1. CURRICULAR REQUIREMENTS

To enter the graduate degree programme in Physics, you **must meet either the requirements under A or the requirements under B:**

- A. a **three-year degree** awarded or to be awarded by **30 April 2024** pertaining to degree class L-30 Physical Sciences and Technologies (ex-Ministerial Decree 270/04 or class 25 ex D.M. 509/99).
- B. a **three-year degree** (ex D.M. 270/04 or ex D.M. 509/99) awarded or to be awarded by **30 April 2024** and at least **54 ECTS** in the three-year degree syllabus, or as single courses passed, in the following **scientific-disciplinary fields:**

- 30 ECTS in FIS/01; FIS/02; FIS/03; FIS/04; FIS/05; FIS/06; FIS/07; FIS/08.
- 12 ECTS in MAT/01; MAT/02; MAT/03; MAT/04; MAT/05; MAT/06; MAT/07; MAT/08.
- 12 ECTS in CHIM/01; CHIM/02; CHIM/03; CHIM/04; CHIM/05; CHIM/06; CHIM/07; INF/01; ING-INF/01; ING-INF/02; ING-INF/05; ING-INF/07; ING-IND/06; ING-IND/10; ING-IND/12; ING-IND/18; ING-IND/21; ING-IND/22; ING-IND/23.

Up to 18 ECTS may be missing from the required ones. In this case, the degree programme coordinator reserves the right to assess whether the required teaching content has been covered in the programme syllabus and, if necessary, to draw up an ad hoc study plan. Candidates will be notified accordingly by e-mail.

The study plan of candidates in possession of an old university degree or a three-year university degree, or a degree awarded at a three-year degree programme at a school for special purposes of pre-Ministerial Decree 509/99 regulations or a single-cycle specialisation/master's degree of post-Ministerial Decree 509/99 - Ministerial Decree 270/04 regulations is assessed by a special Commission appointed by the Faculty.

1.2. KNOWLEDGE OF THE ENGLISH LANGUAGE

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

- TOEFL/IBT (with a score of at least: 84);
- Academic IELTS (with a score of at least: 6);
- Cambridge English: First - FCE (with a 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 Academic with a score of 46.

or one of the following requirements:

- a three-year degree, completed or to be completed, in English;



- the candidate comes from one of the profiles/courses taught in English at Università Cattolica del Sacro Cuore;
- a positive English Language Examination (SELDA) for candidates from undergraduate degree programmes in the Faculty of Mathematical, Physical and Natural Sciences at Università Cattolica del Sacro Cuore.

In case of lack of certification or of the indicated requirements, it is necessary to take an *online English language proficiency assessment test*, **within the deadlines** for the opening of the application (see paragraph 3 ADMISSION PROCEDURES AND DEADLINES), organised by the SELDA Language Service of Università Cattolica del Sacro Cuore. The dates and enrolment procedures are indicated in the appropriate [notice](#).

1.3. ADEQUACY OF PERSONAL PREPARATION

Candidates meeting **requirements A** or from the three-year degree in **Mathematics - Physics profile** at Università Cattolica del Sacro Cuore, with a **weighted average greater than or equal to 25/30** are directly recognised as being in possession of the adequacy of personal preparation referred to in Article 6(2) of Ministerial Decree 270/2004.

For other candidates, the adequacy of personal preparation referred to in Article 6(2) of Ministerial Decree 270/2004 is not directly recognised and an interview is provided for in accordance with the procedures set out in section 4 below, INTERVIEW TO VERIFY THE ADEQUACY OF PERSONAL PREPARATION.

2. NUMBER OF PLACES

For the graduate degree programme in Physics, places are **open access**, within the limits of available resources and enrolment trends of previous academic years, approximately 40.

3. ADMISSION PROCEDURES AND DEADLINES

Places on the graduate degree programme in Physics are allocated in **chronological order with an interview to check the adequacy of personal preparation**.

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

Candidates with a foreign qualification must comply with the provisions issued by the Ministry of University and Research, which have been made public in a specific note. For information on admission to the graduate degree programme, please contact the International Admissions Office and view the admission procedures at this [link https://international.unicatt.it/ucscinternational-graduate-programs-2-year-graduate-degrees-in-english](https://international.unicatt.it/ucscinternational-graduate-programs-2-year-graduate-degrees-in-english).

3.1. CHRONOLOGICAL ORDER WITH POSSIBLE INTERVIEW TO VERIFY THE ADEQUACY OF PERSONAL PREPARATION

APPLICATION SUBMISSION: from 29 May 2023 to 18 December 2023

Without prejudice to the fulfilment of the ADMISSION REQUIREMENTS, candidates:

- from the undergraduate programme in Mathematics - Physics profile at Università Cattolica del Sacro Cuore with a **weighted average of 25/30 or higher**;
- with all the ADMISSION REQUIREMENTS in section A with a **weighted average of 25/30 or higher**;



can consider their personal preparation directly recognised. They can **reserve their place in chronological order**, by paying the first instalment of fees and university contributions through the Enrolment Portal from **10:00 a.m. on 29/05/2023 and no later than 11:59 p.m. on 18/12/2023**.

Please consult the [Enrolment Portal User Guide](#) for the place reservation procedure.

Candidates:

- from the undergraduate programme in Mathematics - Physics profile at Università Cattolica del Sacro Cuore with a **weighted average of less than 25/30**;
- with all the ADMISSION REQUIREMENTS in section A and a **weighted average of less than 25/30**;
- with all the ADMISSION REQUIREMENTS set out in section B;
- lacking some ADMISSION REQUIREMENTS in section B, within the limits indicated above;

must book **an interview to verify the adequacy of their personal preparation** through the Enrolment Portal starting at **10:00 on 29/05/2023 and BY 11:59 p.m. on 11/12/2023**.

Candidates will receive the outcome by e-mail at the end of the interview: if the outcome is positive, they **can reserve their place in chronological order**, paying the first instalment of the university fees through the Enrolment Portal **by 11.59 p.m. on 18/12/2023**; if the outcome is negative, they cannot enrol in the programme (see section 4 INTERVIEW TO VERIFY THE ADEQUACY OF PERSONAL PREPARATION).

Please consult the [Enrolment Portal User Guide](#) for the interview booking and place reservation procedure.

4. INTERVIEW TO VERIFY THE ADEQUACY OF PERSONAL PREPARATION

Candidates who do not meet the requirements will be interviewed by the coordinating professor of the degree programme to verify the adequacy of their personal preparation.

The **interview** aimed at ascertaining the possession of basic knowledge and skills, with particular reference to the subject areas that characterise the graduate degree.

The candidate is deemed suitable if he/she demonstrates at least a basic knowledge of the required topics, is able to make connections between them, demonstrates sufficient independence of judgement and is able to communicate the topics of the interview in an appropriate language.

The interview is conducted online, via the Teams platform. No later than the day before the date of the interview, candidates receive an invitation by e-mail from the coordinating professor. During the interview, candidates must show a valid identity document and any documentation deemed useful for the purpose of checking their study plan (e.g. programmes of courses taken during their undergraduate degree).

The outcome of the interview is communicated at the end of the interview. Candidates who obtain a positive result **can reserve their place**, those who obtain a negative result cannot enrol in the programme.

Those who were absent at the interview can book a new one through the [Enrolment Portal](#).

Candidates who were assessed positively but who, following the interview, show gaps in the areas indicated in section 1.1. Curricular REQUIREMENTS may be assigned additional curricular integrations (see section 5. ENROLMENT AND PRE-ENROLMENT).

For information on how to book an interview and reserve a place through the [Enrolment portal](#), please consult the [Enrolment Portal User Guide](#).

5. ENROLMENT AND PRE-ENROLMENT

Candidates graduating without curricular integrations, after reserving their place through the payment of the first instalment, must proceed to enrolment through the [Enrolment Portal](#). For information on the enrolment procedure, please consult the [Enrolment Portal User Guide](#).



Graduate candidates with curricular integrations and undergraduate candidates, after reserving their place through the payment of 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 degree programme is **accepted under condition that**:

1. the assigned curricular integrations are fulfilled within the timeframe set out below;
2. the undergraduate degree is awarded within the time limits set out in the admission procedures.

Pre-enrolled candidates reserve a place with the right to attend graduate degree programmes from their start. They are required to complete their enrolment immediately after graduation and/or completion of the curricular integrations.

Curricular integrations: Candidates who have been assigned curricular integrations, once pre-enrolled, are required to pass the relevant test from the examination session of September/October 2023 and by the examination session of January/February 2024. Failure to pass the curricular integrations test will affect enrolment in the graduate degree programme. Students may attend lectures on the subjects envisaged in the study plan but may not sit the relevant examinations before the completion of the integrations and finalisation of enrolment.

6. 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 SLD certificate in the appropriate profile section of the [Enrolment Portal](#).

For further information, please contact the [Services for the integration of students with disabilities and with SLD](#) office.

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

Candidates who wish 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.

Candidates must apply for admission to the graduate degree programme in **Physics** via the [Enrolment Portal](#).

Following admission to the programme, a place must be reserved by making the first instalment and secretarial fee payments and submitting the application via the [Enrolment Portal](#) within the deadlines set out in Section 3 ADMISSION PROCEDURES AND DEADLINES.

Candidates who transfer from another university, after having reserved their place, may sit further examinations, at their university of origin, until they submit their **Transfer Application**, which must normally be submitted no later than **18 December 2023**.

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 having reserved their place, 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 no later than 31 December 2023.

Candidates resuming their career after reserving their place must submit an **Application for Resumption of Career**, which must normally be submitted no later than **18 December 2023**.

The year of admission will be assessed by the Faculty Council or delegated committee, which will take into consideration the candidate's entire academic career.



8. 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.

Candidates must apply for admission to the graduate degree programme in **Physics** via the [Enrolment Portal](#).

Following admission to the programme, a place must be reserved by making the first instalment and secretarial fee payments and submitting the application via the [Enrolment Portal](#) within the deadlines set out 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.

The year of admission will be assessed by the Faculty Council or delegated committee, which will take into consideration the candidate's entire academic career.

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

9. CONTACTS

For further information and clarifications, you can use the ['Graduate Degree Helpdesk'](#) or consult the [FAQ](#).

If you need support in using the Enrolment Portal, you can use the 'Assistance' button within the Portal itself.

10. FINAL NOTES AND PERSON IN CHARGE OF THE PROCEDURE

For enrolled students on graduate degree programmes, the 'General regulations for determining university fees a.y. 2023/24' apply.

Students are required to take note of any additions, amendments, updates to these procedures published on Università Cattolica website.

Pursuant to law no. 241/1990, the person in charge of this admission procedure is Paolo Francesco Trotti (Director of Student Career Services-Brescia).

Brescia, 20 February 2023