

http://www.ub.edu/web/ub/en/estudis/oferta_formativa/master_universitari/fitxa/T/M2804/index.html

<http://www.ub.edu/mastertranslationalmedicine/>

1. General Information:

Overview

The Official Master in Translational Medicine-MSc from the University of Barcelona offers the opportunity to gain an excellent training through theoretical and practical courses.

- Theoretical courses: this Master provides comprehensive and up-to-date knowledge of basic, clinical and therapeutic principles associated with major human diseases, examined from a cross-sectional view and with translational perspective
- Research training (Master Thesis): It provides hands-on comprehensive access to knowledge and skills necessary to develop research projects related to translational medicine. This Master offers the opportunity to conduct your Master Thesis in leading laboratories in different biomedical areas within top research institutions in Barcelona such as University of Barcelona, IDIBAPS, Hospital Clínic, IRB, and IDIBELL, among others.

Additional information regarding the study plan and the specific subjects is available in the Student's guide handbook.

The Master can be completed in **1 or 2 years**, depending on the needs of the students. Total number of credits of the Master is **60 Credits** and the official language of the Master is **English**.

Learning objectives

The main objective of this MSc is to train future researchers in translational medicine by providing the basis for a comprehensive understanding of new cutting-edge technologies and discoveries in biological sciences and molecular medicine.

This master's degree provides in-depth and complementary training to graduates in medicine, biomedicine, pharmacy, biology, biotechnology and other health-related fields, by providing the students with skills in applied research areas such as the study of the pathological mechanism underlying human diseases, development of therapeutic strategies, as well as insight into legal issues related to translational research.

Is this the right Master program for you?

- Is your main goal to understand the transition from discoveries to applicability in human diseases?
- Are you interested in understanding the cause of human diseases?
- Are you fascinated by the idea of developing new strategies to improve the wellbeing of patients?
- Do you plan to dedicate your career to translational research, that is, the application of knowledge from bench to bedside?

If your answer is YES, then this Master is what you are looking for!

Future career perspective

Given the interdisciplinary training program implemented in this Master, graduate students gain the adequate profile to continue their research training with a wide range of related PhD programs, or access different job opportunities in the pharmaceutical and medical industries. For more information regarding the acquired skills and competences see “skills profile”.

2. Admission requirements

Minimum academic requirement

The applicants, who wish to enroll in Master in Translational Medicine, should be in possession of a Bachelor degree in experimental sciences and health-related disciplines such as:

- Medicine
- Biomedical sciences
- Biomedical engineering
- Biology or Human Biology
- Biochemistry
- Biotechnology
- Pharmacy
- Science and Food technology
- Human Nutrition and Dietetics
- Genetics
- Other related health science disciplines or equivalent foreign studies

Specific admission requirements

The entry criteria will be based on the evaluation of the following documentations to be provided by each applicant:

- Cover letter
- Curriculum vitae
- Academic transcript
- All candidates must hold a minimum level of English language (level B2 CEFR, First Certificate or equivalent)
- Recommendation letters (optional)

The required documentation should be sent via email to traslacional@ub.edu. All applications will be evaluated by the Master's degree Coordinating Committee. During this process, additional supporting documentations such as language level certificates may be requested. The Master's Secretariat will notify the admission decision within a week, after which the selected students are required to complete the online pre-registration form (for more details see pre-enrollment/enrollment section).

Validation of previous studies and international qualifications

Credit Transfer occurs when the University of Barcelona accepts credits earned in official studies from the same or other universities. The transferred credits can be counted in this case to obtain the official Master degree. To transfer credits from previous studies a [credit transfer form](#) must be sent to the Master Secretariat together with a scanned copy of the academic program of each subject that has to be evaluated and the academic records.

Information regarding the academic regulations governing the validation of previous studies can be found in the following website: [Academic Regulations](#)

Students who have completed higher education studies in a foreign university or higher education institution should present documentation accrediting the recognition of their degree. For more information about the recognition process, please visit the following websites: [Recognition -Ministry of Education in Spain](#), [Equivalence-Government of Catalonia](#) or [UB Admission Foreign Studies](#).

3. Skills profile

Graduates are expected to have earned the adequate scientific training which allows them to become independent researchers with critical thinking abilities to address specific scientific questions. Earned cross-disciplinary skills and competences include:

- Understand how to translate research discoveries to the clinical setting.
- Understand the basic, clinical and therapeutic principles of different pathologies.
- Become familiar with advances in biomedical research and learn the necessary tools to access ongoing training.
- Know how to properly formulate hypotheses and research objectives.
- Be able to design potentially applicable research projects.
- Ability to interact with professionals in other medical fields in order to design and implement novel strategies in patient management.
- Design research studies on new predictive, prognostic, diagnostic or pharmacodynamics biomarkers.
- Learn how to disseminate research results (scientific communications, audiovisual tools, social networking, and scientific databases).
- To be capable of identifying problems of public health, to design epidemiological studies and to interpret the results.

- Understanding of the bioethical and legal principles of research in the field of translational medicine.

4. Pre-enrollment/Enrollment

Please find below the step-by-step process you should follow in order to complete the pre-registrations and registration of the Master in Translational Medicine:

1. Check the admission requirements.
2. Send the required documentation including cover letter, CV, Academic transcript, English certificate (optional) and recommendation letters (optional) to the Master's Secretariat via email traslacional@ub.edu.
3. An email notifying you the status of your admission will be sent within a week.
4. Students who have been admitted are required to complete the [online pre-registration form](#) and pay the corresponding fee.
5. Provide the required documents (see section below) to the Faculty of Medicine Secretariat (Casanova, 143 Barcelona .
6. Complete the [online registration form](#) or register in person at the Faculty of Medicine Secretariat (Casanova, 143 Barcelona .

Required documents to be submitted to the Faculty of Medicine Secretariat:

A) Students with a degree from Spain or other EU countries

1. Passport/Identity card photocopy (and original)
2. Two color photographs (passport size)
3. Certified photocopy of the university degree (translated )

B) Students with a recognized degree from a non-EU country

Students who have completed higher education studies in a foreign university or higher education institution should present documentation certifying the recognition of their degree. For more information about the recognition process, please visit the following websites: [Recognition -Ministry of Education in Spain](#), [Equivalence-Government of Catalonia](#) or [UB Admission Foreign Studies](#).

1. Passport photocopy (and original)
2. Two color photographs (passport size)
3. Photocopy of the university degree recognized (translated )
4. Supporting document of the recognition

C) Students with a non-recognized degree

Under no circumstances does admission to a postgraduate study program in Spain imply the homologation of a foreign degree held by the interested party nor the recognition of that degree for any other purpose than studying the applied study program. Students will require permission from the Rector of the University, or the person delegated for this purpose, expressly authorizing the registration in the program without the prior recognition of their studies, as well as documentation accrediting their acceptance on the postgraduate program.

1. Passport photocopy (and original)
2. Two color photographs (passport size)
3. Certified , legalized  and translated  photocopy of the university degree
4. Certified, legalized and translated photocopy of the certificate listing the subjects taken
5. [Application seeking authorization](#) of the Rector

Registration fees

Registration fees and other academic services for the official qualifications are set annually by the Generalitat de Catalunya. For more information please click here.

<http://www.ub.edu/medicina/masters/traslacional/fees.htm>)

Course calendar

Pre-registration process: January 11th 2018 to September 14th 2018

Registration process: September 15th 2018 to September 30th 2018

Course start: October 1st 2018