

Edital

European Master's Degree in Laboratory Biomedical Sciences

Edition 2022 - 2024

Under the Decree-Law no. 74/2006 of March 24th, in its current resolution, and other applicable legislation;

In compliance with the Academical Regulation of the 2nd cycle of studies of the Polytechnic Institute of Coimbra, approved in attachment to the Ordinance no. 7005/2019 of June 8th, published in the 2nd Series of the Republic Journal, no. 149 of August 6th 2019 and successive amendments, it is known that there is an open competition for access to the European Master's Degree in Laboratory Biomedical Sciences, starting in the school year 2021/2022, which is governed by the following provisions:

1. The European Master's Degree in Laboratory Biomedical Sciences includes 120 ECTS and a normal duration of 4 curricular semesters.

The prevailing scientific area: laboratory biomedical sciences, with CNAEF classification 725.

The master's degree will be taught by the Consortium composed by the Technical School of Health Services of Coimbra and by four Higher Education Institutions of the European Union:

- Technical School of Health Services of Coimbra - Coimbra, Portugal;
- University of Gothenburg - Gothenburg, Sweden;
- Wien University Campus of Applied Science - Vienna, Austria;
- Technological University Dublin - Dublin, Ireland

The Technical School of Health Services of Coimbra is the coordinating institution of the Consortium, being responsible by scheduling the classes, by its annual publishing and by the administrative management of the evaluation process.

2. The curricular structure, the study plan and the credit units, ECTS, are included in the Ordinance no. 6848/2015 of May 25th, Republic Journal, 2nd Series, no. 117 of June 18th (<https://dre.pt/web/guest/home/-/dre/67521770/details/maximized?jp=true>).
3. Can apply for registration and enrollment:
 - a. Holders of the graduate degree or bachelor's degree in Laboratory Biomedical Sciences/ Biomedical Sciences or legal equivalent;
 - b. Holders of a foreign higher academic degree conferred following a first cycle of studies in Laboratory Biomedical Sciences/ Biomedical Sciences, organised according to the principles of the Bologna process by a state adhering to this process;
 - c. Holders of a foreign higher academic degree recognized as meeting the objectives of the graduate degree in Laboratory Biomedical Sciences by the scientific technical council;
 - d. Holder of a school curriculum, scientific or professional which reveals the ability to attend the course, which is recognized by the technical-scientific council.

The recognition referred in the points b), c) and d), only has as effect the access to the study cycle which leads to the master's degree, not providing to its holder the equivalence to the graduate degree or recognition of that degree.

Will only be admitted the academical degrees considered in the points a) and b) of the previous paragraph if, in their original study plan, the students have completed a minimal of 60 ECTS in a set of subjects of the Laboratory Biomedical Sciences area, being considered, for instance, the following areas: Clinical Biochemistry, Clinical Immunology, Clinical Microbiology, Cytopathology, Hematology, Histopathology, Immunohistochemistry, Molecular Pathology, Transfusion and Transplantation Sciences.

Cumulatively the candidates will have to have a good domain in English proven by an exam of an English C1 level (International English Language Testing System (IELTS) (minimum score of 6.0 with at least 5.0 points in each section); Test of English as a Foreign Language (TOEFL) (in paper) with at least 550 points, with 4.0 in the written section; TOEFL (IBT) 79 POINTS with a minimum of 17 points in each section). The candidates of English-speaking countries should provide an official letter of the University where they graduated certifying that English was the instructional language.

4. The candidates, admitted, who gather the conditions mentioned on the previous paragraph will be serialized and selected taking into account the classification obtained by the application of the following formula:

$$FC = A + B + C + D + E + F$$

in which:

FC - Final classification obtained in the scale from [0 to 55] values, rounded to the hundredths, converted on a scale from [0 to 20] values, rounded to the hundredths.

A. The final classification of the graduate degree will be weighted according to the evaluation of the origin institution, using the international ranking *Times Higher Education* (https://www.timeshighereducation.com/world-university-rankings/2020/world-ranking#!/page/0/length/25/sort_by/rank/sort_order/asc/cols/stats).

The value obtained will be multiplied by 1,25. In case the origin Institution isn't on the previous ranking the weight to be used will be the average weighting of the remaining candidates.;

B. The experience will be classified considering 0,2 points for each month completed proven through the declaration attached to the curriculum vitae, up to the maximum of four points for each category, being considered two categories: professional experience and the research experience in the area;

C. The scientific path of the candidate will be valued, if related with the Laboratory Biomedical Sciences area, up to the maximum of 8 points, through the sum of the points of the several components, taking into account the following parameters:

- a) Scientific articles published in magazines ISI (3 points each);
- b) Scientific articles published in magazines with peer review non ISI (1,5 points each);
- c) Presentation of oral communications in international conferences of technical-scientific nature (1,5 points each);

- d) Presentation of oral communications in national conferences of technical-scientific nature (1 points each);
- e) Presentation of posters in international conferences of technical-scientific nature (0,75 points each);
- f) Presentation of posters in national conferences of technical-scientific nature (0,25 points each);

D. Relevant academic curriculum, like having won academical awards, being involved in national professional organs, teaching academic experience and continuous professional development, can be considered, through evaluation of the jury, up to a maximum limit of 2 points;

E. The personal declaration video provided will be evaluated by the Academical Committee of the programme and scored on a scale from 0 to 6, based on the candidate's ability to communicate their motivation to participate on the course, the capabilities and skills they wish to reach during the programme and their professional aspirations after the course's completion.

F. The candidates will be organised from the biggest to the lowest score and the forty best candidates will be evaluated in a video conference interview. The interviews have the objective to assess the motivation of the application and other factors that can affect their enrollment. The interview will be held in English and will be organised by video conference using technology standard and available openly, like for instance, Skype. The interview will be executed by two elements of the jury and the interview will be scored from 0 to 10 points and the results added to the score of the section above.

The sum of points A and E will have a score of 0 to 45, being 45 the maximum.

5. The applications should exclusively occur online, should be submitted in <https://inforestudante.ipc.pt/>, accompanied by scanning (preferably in pdf) the following documents:
 - a) Proof of qualification of higher education, with information of the final classification (in case it's a foreign document, the candidate should also present, it's translation to one of the following languages: Portuguese; Spanish; French or English);
 - b) *Curriculum vitae* in accordance with the *europas* models and *supporting document of the elements in it in Portuguese or English or with a certified translation*;
 - c) Citizen card (front and back) or Identity Card and Tax number or Passport (will have to write in the document that the delivery is destined only to confirm the information and issue of ESTeSC certifications);
 - d) Youtube video link.

At the end of the process the candidate should print/verify the payment of the fees associated with their application and proof of application. The application will only be valid after paying the application fee until the last day of application.

6. The deadlines are the following:

1 st PHASE	
ACTION	DEADLINES
Application	Until 15th of May 2022
Application validation by academic services	Before 18 th of May 2022

Provisional ranking list	24 th of May 2022
Complaints	Before 3 rd of June 2022
Complaint decision / definitive ranking list	13 th of June 2022
Enrollment and registration of placed candidates	From 14 th to 17 th of June 2022

2 nd PHASE	
ACTION	DEADLINES
Application	16 th of May until 17 th of July 2022
Application validation by academic services	Before 19 th of July 2022
Provisional ranking list	25 th of July 2022
Complaints	Before 27 th of July 2022
Complaint decision / definitive ranking list	29 th of July 2022
Enrollment and registration of placed candidates	From 01 st to 05 th of August 2022

3 rd PHASE	
ACTION	DEADLINES
Application	18 th of July until 18 th of September 2022
Application validation by academic services	Before 20 th of September 2022
Provisional ranking list	24 th of May 2022
Complaints	Before 28 th of September 2022
Complaint decision / definitive ranking list	30 th of September 2022
Enrollment and registration of placed candidates	From 03 rd to 07 th of October 2022

In the event that all vacancies are not filled in the competition stages, an application stage proposed by the ESTeSC President with a calendar to be disclosed can be executed.

7. The candidates admitted should proceed with the registration and enrollment (exclusively online) in <https://infoestudante.ipc.pt/>, in the deadline established in this edital. In case of explicit withdrawal of the registration and enrollment, or non-attendance to perform it, ESTeSC convenes, within 5 days after the end of the registration and enrollment period, the candidates on the serial list, by the order indicated there. These have a non-extendable deadline of 5 days, after the reception of the notification, to proceed with the registration and enrollment.

8. *Numerus clausus*:

- 1st stage: 20 vacancies
- 2nd Stage: free vacancies from the 1st stage
- 3rd Stage: free vacancies from the 2nd stage

9. The course will be taught with a minimum number of 20 students. In case there is no minimum number of students to open the course the fees and tuition will be returned to all students who officialised their registration/enrollment.

10. The course will start in October 2022, and will occur according to the School Calendar approved for the school year 2022/2023.

It will be held during the day and face-to-face.

The classes will occur on-site in the premises of one of the partner institutions, in accordance with the previously approved calendar and published for the students at the start of the school year, being the trips and housing responsibility of the students.

The student will start the classes in the Technical School of Health Services of Coimbra, in accordance with the curricular plan of the master's degree, having online classes with the teachers of partner Higher Education Institutions, then the student will move to Vienna where they will stay for a period of time having both on-site and online classes. Then moves to Gothenburg where they will stay for a period of time having both on-site and online classes and then to Dublin where they will stay for a period of time having both on-site and online classes, at last they will return to Coimbra where they will present and defend their thesis project.

11. Are due the following fees and tuition:

Application fee: 75 €*
Enrollment fee: 75 €

Tuition: 16.000,00 € (1st year 8.000,00€, 2nd year 8.000,00€, Payment in 10 installments, the first in the amount of 800,00€ when registering and the remaining 9 monthly installments in the amount of 800,00€, from November until July of the following civil year)

*IPC students are exempt

12. The knowledge evaluation of the curricular units of the master's degree have an individual character and will be executed in accordance with the evaluation rules in force in ESTeSC. The evaluation result will be done in the number scale from zero to twenty.

It's considered approved on a curricular unit for the student whose final evaluation score is equal or higher than ten.

13. The final classification of the course is the weighted arithmetic average, calculated up to the hundredths and rounded to the units (considering as unit the fraction not lower than 50 hundredths) of the score obtained in the curricular units that are part of the respective study plan.

14. The attribution of a Master's Diploma in Laboratory Biomedical Sciences will be provided by the Technical School of Health Services of Coimbra, of the Polytechnic Institute of Coimbra, through approval to all curricular units of the course, with mention of the final score obtained.

15. Jury:

President: Fernando José Figueiredo Agostinho D'Abreu Mendes (ESTeSC);

Board member: Armando José Cerejo Caseiro (ESTeSC);

Board member: Diana Raquel Fernandes Martins (ESTeSC);

Board member: Andrea Hager (University of Applied Sciences Campus Wien);

Board member: Veronika Stefanik - (University of Applied Sciences Campus Wien);

Board member: Camilla Hesse - (University of Gothenburg);

Board member: Gunnel Hellgren - (University of Gothenburg);

Board member: Steve Meaney - (Technological University of Dublin);

Board member: Kathleen Brosnan - (Technological University of Dublin).

16. Other information:

- The limit date to deliver the dissertation/project work/internship report will September 30th of September 2024;
- The approval in all curricular units of the specialty course, established in the point a) of the no. 1 of Article 5th of the Academic Regulation of the 2nd Study

Cycle of IPC grants the right to a Specialty Diploma, with mention of the final score obtained;

- The students with specialty course concluded who don't complete the deadline legally predicted for the dissertation/project work/internship report, can request its extension, by periods of six months, renewal up to a maximum of four times, being subjected to the payment of 50% of the tuition fixed for the 2nd year of the edition they registered on;
- The students admitted and enrolled in this edition of the Master's degree who don't complete it in the legal deadlines, can do it in the scope of the following edition, if there is, they should apply being subjected to pay the fees and tuition of that edition;
- The precedence and evaluation regime, the rules to observe in the guidance and the delivery deadline of the dissertation or original project work, as well as the process to attribute the final score, are defined on the Regulation of the Studies Cycle Leading to the Achievement of the European Master's Degree in Laboratory Biomedical Sciences and in the Academic Regulation of the 2nd Studies Cycle of the Polytechnic Institute of Coimbra.

17. The interpretation doubts and the omitted cases will be decided by the ESTeSC President, having heard the Course Coordination.

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