

The **Joint Master Degree in Biomedical Laboratory Sciences (MARBLE)** will give students access to this unique economic, political and educational space: the European Union. Excellent quality students attending the MARBLE will deepen their knowledge in specialist disciplines of Biomedical Laboratory Sciences (BLS), promoting mobility and knowledge exchange between the institutions of the consortium, namely ESTeSC-Coimbra Health School, Coordinator Institution (Portugal), Technological University Dublin (Ireland), University of Applied Sciences-FH Campus Wien (Austria) and University of Gothenburg (Sweden).

The MARBLE will provide advanced education to prepare highly qualified biomedical scientists in areas such as clinical pathology, transfusion medicine and transplantation science, clinical biochemistry, haematology, microbiology and cytopathology among others.

The MARBLE will enhance professional competence and skills; offering the students innovative possibilities for professional development and career progression along with employers to increase patient safety.

This master is a unique course offering biomedical laboratory specialization, taught in different countries and with the opportunity to carry out an internship in international laboratories or companies. It offers academic and scientific excellence, an international approach, and a very close link with laboratory medicine. The programme emphasizes both the scientific and technical dimensions and prepares students either for a responsible job in a clinical laboratory, in a company via internships in world-leading companies or for academic and research careers.

Students Traveling

The Universities will be offering full personal and academic support to students through an individual and personalized Students Mentoring Programme (SMP). An initial Introductory Module - EU Scholarship & Integration (5 ECTS) will help students to have a comprehensive view of the course and Europe. Students will also have the opportunity to attend local language and local culture courses to facilitate their integration into the mobility countries. The MARBLE will start at Coimbra Health School, with the Introductory Module - EU Scholarship & Integration and Diagnostic Techniques & Application I (DTA I), at the same time, using blended learning and the new technologies, other modules will be taught at distance such as Evidence-Based Laboratory Medicin, Research Meth & Biostats Scientific Communication. In the middle of the first semester, students will travel to Wien where they will have a module to attend with blended learning methods Molecular & Cell Biology, physically the DTA II and have evaluations.

The second semester of the first year will start in Gothenburg with DTA III, and blended learning on Project & Academic Design Writing, Pathobiology and Advanced Biomedical Laboratory Science. In the middle of the second part of the second semester, they will travel to Dublin where they will attend the DTA IV, finishing the first academic year in Portugal with the presentation of the research projects. (Figure 1 and Figure 2)

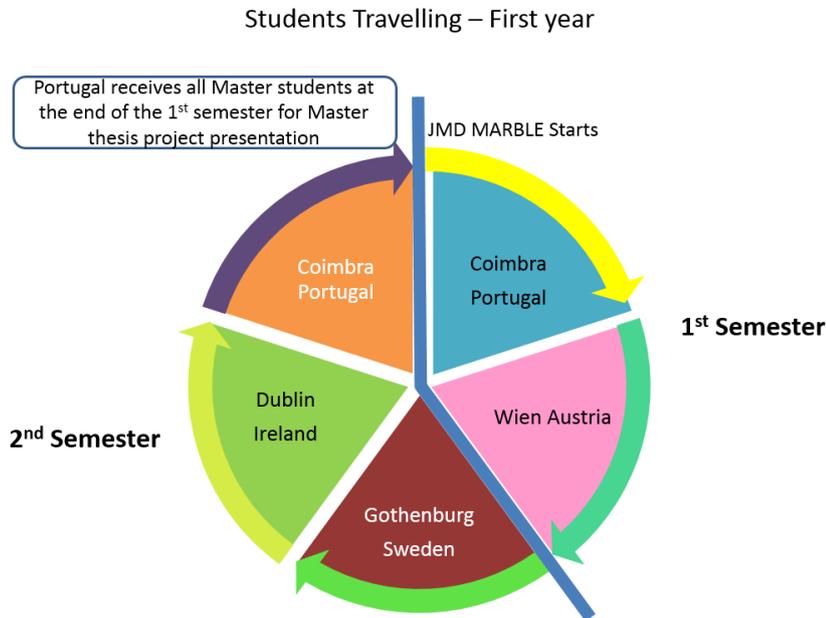


Figure 1

In the second year, the students will have to attend in distance modus the module Laboratory Design & Management as a distance module. To obtain the specialization a Specialist Practice module must be attended, and the master thesis study should be exactly in some field of BLS as the specialist practice, only by doing this the specialization will be obtained. The Thesis defence will happen at the Coimbra Health School in June. (Figure 2)

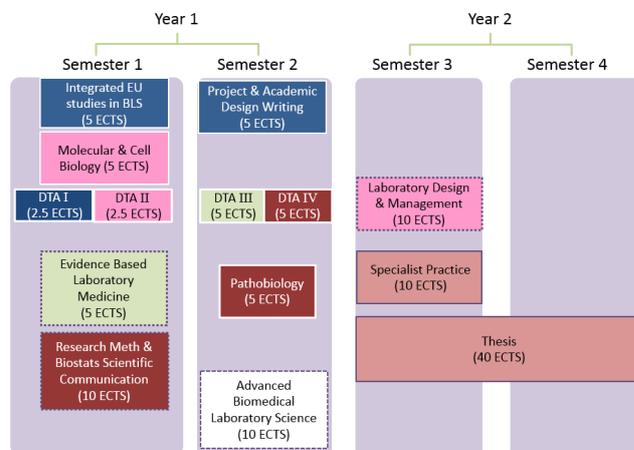


Figure 2

The student will obtain a Master's degree with a specialization in a BLS area, signed and recognized by the elements of the Consortium, a joint diploma signed by four Institutions.

Recruitment deadlines

1 st PHASE	
ACTION	DEADLINES
Application	01st of April until 15th of May 2022
Application validation by academic services	Before the 18 th of May 2022
Provisional ranking list	24 th of May 2022
Complaints	Before the 3 rd of June 2022
Complaint decision / definitive ranking list	13 th of June 2022
Enrolment and registration of placed candidates	From 14 th to 17 th of June 2022

For more information and the application deadline please visit:

<https://www.estesc.ipc.pt/index.php/candidato/candidaturas-a-mestrados/mestrado-europeu-em-ciencias-biomedicas-laboratoriais/marble-english/>