Two-year MSc in MOLECULAR BIOLOGY & GENETICS
Overview

The Master degree program in Molecular Biology and Genetics is designed for students who are seeking a qualification in advanced areas of Biology, with special attention to Molecular Biology, Genetics, and Biochemistry. Students will acquire a strong theoretical and methodological background relevant to both basic and applied aspects of these disciplines. The program will provide students with an excellent background in theoretical aspects of biomolecular sciences and familiarity with laboratory techniques, stimulating their capability to plan and implement research projects and to critically evaluate the results of their experiments and those reported in the scientific literature. Students will acquire a strong theoretical and methodological background relevant to both basic and applied aspects of these disciplines.

This program offers a successful introduction for different types of jobs throughout society. Graduates will find work opportunities in a wide range of fields and institutions, including a possible continuation of the study towards a qualified Ph. D. program for a career in the academic or research organization world, or employment in the health sector, in biotech companies, in agrobusiness research, in the media, as well as for teaching in the private or public sectors. The program is taught in English.

Entry Requirements

- 3-year Bachelor degree (or equivalent) in Biology, Biotechnology or related life science program
- B1 level English proficiency

Subjects

The following is a sample of a typical study plan:

First year: Methods in Biochemistry, Advanced Molecular Biology, Bioinformatics, Structural Biology and Pharmacology, Microbial Genetics, Human Molecular Genetics, Molecular Pharmacology, Internship for experimental thesis

Second year: Cellular Biochemistry, Developmental Biology, Advanced Microscopy, Molecular Genetics, Molecular Entomology, Immunology, Molecular Microbiology, Plant Molecular Biology and Biotechnology, Internship for experimental thesis, Informatic skills, Master thesis.

Fees

For EU students fees are based on students’ family income. They range from about €160 to €4000 per year. For Non-EU students a flat rate is determined according to country of origin and ranges from €400 to €4500.

Contacts & Information

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