

INSPIRING GLOBAL CHANGE SINCE 1222

---

SCHOOL OF SCIENCE

# MOLECULAR BIOLOGY

The Master's degree provides solid theoretical knowledge and practical expertise in bench-work procedures, instrumental operations and analytical methodologies involved in data acquisition and analysis.

The programme imparts a thorough command of the scientific investigation process, providing graduates with the competence to work independently and to take on the organisation and responsibility of projects.



UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA

# MOLECULAR BIOLOGY

**LEVEL** Master

**SCHOOL** Science

**DEPARTMENT** Biology

**DURATION** 2 years (120 ECTS)

**START DATE** October

**LOCATION** Padua, Italy

**PROGRAMME COORDINATOR**

Francesco Argenton

**WEB**

[www.unipd.it/en/molecularbiology](http://www.unipd.it/en/molecularbiology)

**APPLY.UNIPD.IT**



133<sup>rd</sup> 2023  
Biological Sciences



## ENTRY REQUIREMENTS

- Bachelor' degree (or equivalent), with proven skills in Mathematics, Physics, Computer Science, Biology and Bioinformatics
- English language: B2 level (CEFR) or equivalent

## PROGRAMME STRUCTURE

Common Path: Advanced Cellular Biology; Applied Statistics.

Path 1 - Molecular Biology: Advanced Biochemistry; Molecular Genetics; Structural Biochemistry and Biophysics; Genomics.

Path 2 - Integrative Plant Biology: Plant Molecular Adaptation, Plant Biotechnology, Plant Genetics and Genomics.

Path 3 - Bioenergetics and Metabolism: Advanced Biochemistry, Organelle dynamics, Metabolic Disorders.

A double degree with the Université de Paris (France) is also possible

## TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,700 (3 instalments)

Scholarships and fee-waivers for international students available: [www.unipd.it/en/funding-and-fees](http://www.unipd.it/en/funding-and-fees)

## CAREER OPPORTUNITIES

Graduates work as researchers within public or private organisations in the pharmaceutical, agro-industrial and biotechnological sectors; and as project managers or counselors within the public administration, in the human health or public hygiene divisions.