

DOCTORAL PROGRAM IN BIOMEDICINE OF CNC

The programme provides advanced, research-oriented training in emerging areas of contemporary Biology and Biomedicine:

- Molecular Cell Biology
- Neuroscience and Disease
- Molecular Biotechnology
- Medical and Environmental Toxicology
- Biophysics and NMR
- Microbiology
- Development and Human Fertility
- Visual Sciences

The programme comprises:

- [Advanced Courses](#)
- [Seminars](#)
- Laboratory Rotation
- Research leading to the doctoral thesis.

The courses are taught by leading portuguese and foreign scientists. The curriculum is designed to expose students to top research areas and to instigate the development of analytical, technical and communicative skills required of today's biologists.

Thesis: Research projects leading to the doctoral thesis are carried out in portuguese laboratories and abroad, by following the international research networks organized by CNC "Laboratório Associado" (<http://www.uc.pt/cnc>).

Key features

- Intensive training in cutting-edge research
- Flexibility in completing course program
- Admission of students with degrees from non-biological areas

Students may choose to do their thesis within international research networks organized by CNC "Laboratório Associado"

The programme at a glance

- **[Advanced Courses](#)** (October through March). The courses, usually one week-long, are taught by international leading scientists in collaboration with local investigators. The course work of the programme aims at providing the graduate students with the concepts, experimental approaches, and current problems of modern cellular and molecular biology.
- **Seminars** Attendance to the weekly seminars of CNC.
- **Research** work leading to the doctoral thesis. A written research proposal describing the intended thesis project must be defined during the first year. The final doctoral thesis will be evaluated before a faculty committee, upon an oral defense. The examination evaluates the student's ability to master a body of background material, to organize a plan of research, and to understand the context, aims, methods and limitations of the proposed research.

The students who choose to do their doctorate at the Faculty of Science and Technology of the University of Coimbra may have the advanced courses credited as disciplines G200 through G300, seminars as G400, and research as G500.