

ABOUT THE COURSE

Field of study: **Biological sciences**
Scientific discipline: **Biology**
Course of study: **Biology**
Specialty training: **Medical biology**

Educational profile: **General academic**
Professional degree obtained: **Bachelor (Licentiate)**
Level: **Bachelor's Degree of Science (Licentiate)**

WHY?



Students enrolled in the Biology course will:

- acquire knowledge of medical biology,
- learn to report research findings in a coherent and persuasive manner,
- learn to plan and write original papers which evaluate published research and address topics covered by the degree curriculum,
- learn to plan research dissertations,
- develop an individual approach to learning through independent reading, study and research,
- learn to debate on selected topics,
- develop time management and personal organisation skills.

Upon obtaining a Bachelor's Degree in biology, students will have developed practical skills for working in a research or analytical laboratory, they will be able to use modern research equipment and work safely with biological material. They will be ready to pursue a Master's Degree course. Graduates will have:

- acquired knowledge in several fields of biomedical sciences, including human anatomy and histology, medical mycology and microbiology, human physiology and immunology, molecular diagnostics, pharmaceutical botany, medical genetics, etc. (*detailed information is provided in the attached study plan*)
- developed core research skills, including principal methods in molecular biology, analyses of scientific data, basic statistical analysis skills and project design skills,
- developed the necessary skills for designing, planning, analysing and reporting on the results of biological research,
- developed the ability to communicate scientific methods and results,
- developed personal skills required for a career in research.
- the teaching/learning methods and strategies deployed during the course include lectures, classes, seminars, workshops, demonstrations and tutorials covering three academic years arranged in six academic semesters, including 30% of ECTS credits as elective courses.