

ESTUDIÁ #BIOTECHNOLOGY

Name of the course: University Technician in Biotechnology.

Title: **University Technician in Biotechnology.**

Duration of the degree: 2 years and one semester (5 semesters).

The professional profile sought by biotechnology industries around the world

Many of the products we consume are made from living organisms through the application of biotechnology. Some foods, medicines, biofuels, biodegradable plastics, detergents and cosmetics can be mentioned as examples.

To obtain these products, biotechnology technicians work with living cells, plant and animal tissues, enzymes and microorganisms, applied to industrial processes in high-tech and scientific development laboratories. They are key professionals to meet the needs of a growing population, generate well-being and move towards a sustainable world.

Professional field of action

As a University Technician in Biotechnology, you will be able to be part of work teams focused on biotechnology-based production, in stages such as obtaining and processing chemical and/or biological samples as well as in experimental processes.

You can be part of organizations that work in the fields of Molecular Biology, Cell Biology, Biology, Microbiology and Genetics.

Program

1° SEMESTER	University, Society and Knowledge	Contemporary Issues	Academic Reading and Writing Workshop	Statistics and Calculation Workshop	Introduction to Laboratory Practices	
2° SEMESTER	Chemistry Fundamentals	Molecular and Cellular Biology	English I	Applied Mathematics		
3° SEMESTER	Computer Tools	Organic Chemistry	Physics Fundamentals	English II	Applied Statistics	
4° SEMESTER	Fundamentals of Microbiology	Introduction to biotechnology workshop	Biochemistry	Analytical and instrumental chemistry		
5° SEMESTER	Introduction to Plant and Animal Biotechnology	Introduction to biotechnological processes	Basic genetics	Legislation	Hygiene and safety	Bioeconomy and biotechnological projects.



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