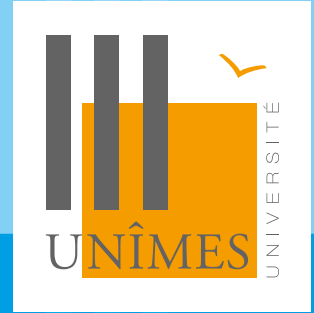


# VOCATIONAL BACHELOR'S DEGREE



## BIOTECHNOLOGY PROFESSIONS



Santé  
Agroaliments

# INTRODUCTION

The Licence Professionnelle in Biotechnology and Bioindustries, Biotechnology Professions programme offered by the University of Nîmes prepares students for a career as an assistant engineer in the various fields (colours) of biotechnology. It shares its first semester with the third year of the Life Sciences Licence (Bachelor's degree), which makes it a demanding and high-level science-based course. The course is overseen by a team of academic and industrial professors with fields of expertise covering all life sciences and bioindustry subjects (microbiology, genetic engineering, proteomics, pharmacology, toxicology, regulatory quality, genomics, English).

Thanks to our national and international industrial partners, who receive our students every year during internships, at company visits and at conferences every week, our students find it easy to begin employment.

# OBJECTIVES

Biotechnology is an important subject in the fields of health, food and the environment. It is already enabling the development of new diagnostic and therapeutic strategies, and will lead to the creation of new products and technologies that will have a considerable impact on our lives.

Training young graduates for this wide sector is therefore an important priority. Such training must include multidisciplinary teaching with close connections to the corporate world.



## ENTRY REQUIREMENTS

**Year 2, Bachelor's degree or equivalent (undergraduate technical diplomas and advanced technician certificates such as the DUT and BTS) in life sciences.**

## SKILLS AND EXPERTISES

After completing the course, students will be equipped with skills in molecular biology and genetic engineering, immunology, pharmacotoxicology, industrial microbiology, quality assurance and industrial property. They will have completed a large amount of scientific research in English through the analysis of scientific papers or protocols.

Teamwork, and communication and reporting skills will be vital to their profession.

Assistant engineers will be able to assist lead engineers in the following fields:

- research and development in all fields of biotechnology;
- creation of quality assurance procedures, production of industrial property dossiers (patents, etc.).

## POSSIBLE CAREER PATHS

Assistant engineers that have completed our course find work in the food industry, health, environment, marine biodiversity and manufacturing. They work in research and development hubs, and the quality assurance centres of major groups and startups.



### KEY FIGURES

**84.6%**  
of students  
graduated in 2017.

**97%**  
of graduates were  
employed 30 months  
after completing  
the Licence  
Professionnelle.

Source: OVIE (Unimes Student Life and Employment Observatory) surveys of graduates from 2012, 2013 and 2014

**ECTS credits:** 180  
**Duration:** 1 year  
**Level of studies:** BAC +3

## **ENTRY REQUIREMENTS**

- Introductory course/further education
- Validation of prior experience (VAE)

## **STAGE**

- 16 weeks

## **CONTACT**

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