

MASTER'S DEGREE

BIOTECHNOLOGY INNOVATION AND PROJECT MANAGEMENT «BIOTIN»



INTRODUCTION

The Biotin program of the Biology and Health master's degree is a two-year course, uniting regional stakeholders in the field of health-related biotechnology. It also brings together all stakeholders in teaching (University of Montpellier, University of Nîmes, Ecole des Mines d'Alès, Polytech), research (CNRS, INSERM, CEA, EFS) and manufacturers in the sector (the Eurobiomed competition hub, which provided certification, and LFB-Bioproduction, which sponsors the course).

It is focused on professional activities involved with the specific professions of:

- Project management in research
- Development in biodiagnostics, bioproduction and therapeutic innovations.

As both a professional and research master's degree, it focuses on training a broad spectrum of engineer-level stakeholders liable to take up future academic positions (engineers and researchers) or industrial positions in every sector of biotechnology, in order to best respond to the real needs of the market.

OBJECTIVES

In addition to the typical theoretical knowledge of a master's degree in biology and health, students will also, amongst other things, acquire basic knowledge of property, finance, innovation and design through a «learning by doing» model of teaching.



ENTRY REQUIREMENTS

- **The course is aimed at students with a scientific bachelor's degree in biology (access in the first year of the master's degree) or 60 ECTS at master's level (access in the second year of the master's degree).**

SKILLS AND EXPERTISES

- Design, define and complete design and development work for new products or procedures in the industrial sector
- Investigate improvements for existing products and procedures
- Complete applied research, studies, adjustments, analysis, testing and implementation of innovations
- Knowledge of management techniques
- Negotiate and manage the budget for the project team
- Carry out analysis and draft dossiers for implementing quality assurance
- Draft inspection reports
- Help present scientific reports on the business' activities
- Overall, skills that may seem specialized in a large company will seem more versatile in SMEs
- TOEIC-certified level of English

POSSIBLE CAREER PATHS

Employment prospects

- Research and development project manager (technical direction and service management) and research project administration
- Applied research, completion of technical studies, scientific speaker, product and process development
- Designer engineer or platform manager in the public sector, quality control, production
- Product manager or marketing manager
- Patent writer (after complementary IEEPI training, Strasbourg)

Continuing studies

Cifre or ministry thesis, Ecole Supérieure de Commerce de Paris, Grenoble university Master's Degree in Biotechnology Business Management.



IMT Mines Alès
École Mines-Télécom

KEY FIGURES

92.9%

of students graduated in 2017.

80%

of graduates were employed 30 months after completing the Master's degree.

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

ECTS Credits: 120

Duration: 2 years

Level of studies: BAC +5

ENTRY REQUIREMENTS

- Apprenticeship/further education
- Validation of prior experience (VAE)

INTERNSHIP

- 5 month in first year
- 6 months in second year

CONTACT

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