



**UCAM**  
UNIVERSIDAD  
CATÓLICA DE MURCIA

# BACHELOR'S IN PHARMACY



**Lead  
your  
future.**

## General Information

**Location:** UCAM Universidad, Murcia (Spain)

**Commencement:** October

**Duration:** 5 Academic Years

**Seats:** 60

**Credits:** 300 ECTS

**Language:** English

**Tuition Fee:** €8,900

## Contact

International Admissions Office

(+34) 968 278 786

[admissions@ucam.edu](mailto:admissions@ucam.edu)

[international.ucam.edu/studies](https://international.ucam.edu/studies)

# Curriculum 2019/20

## 1<sup>st</sup> YEAR

General Chemistry  
Fundamentals of Applied Physics  
Inorganic Chemistry  
Organic Chemistry I  
Fundamentals of Applied Mathematics and Statistics  
Physical Chemistry  
Organic Chemistry II  
Fundamentals of Biology  
Introduction to Laboratory Work  
Biochemistry

## 2<sup>nd</sup> YEAR

Physiology I  
Human Anatomy  
Biochemistry and Molecular Biology  
General Microbiology  
Pharmaceutical Chemistry I  
Analytical Techniques  
Parasitology  
Microbiology and Virology  
Physiology II  
Immunology  
Pharmaceutical Chemistry II

## 3<sup>rd</sup> YEAR

Physiopathology  
Pharmacology and Clinical Pharmacy  
Botanical Pharmacy  
Biopharmacy and Pharmacokinetics  
Theology  
Human Nutrition  
Bromatology  
Pharmacognosy and Phytotherapy  
Pharmaceutical Technology I

## 4<sup>th</sup> YEAR

Pharmaceutical Biotechnology  
Pharmaceutical Technology II  
Pharmacology and Pharmacotherapy I  
Biological Analysis and Laboratory Diagnosis  
Pharmaceutical Attention  
Public Health  
Pharmaceutical Technology III  
Pharmacology and Pharmacotherapy II  
Electives  
Scientific Methodology and Information

## 5<sup>th</sup> YEAR

Toxicology  
Pharmacology and Pharmacotherapy III  
History, Legislation and Pharmaceutical Deontology  
Biological and Diagnostic Analysis in the Laboratory  
Finance and Business Management  
Electives  
Research Project  
Internship

## Student Profile

The Bachelor's degree in Pharmacy offers a multidisciplinary education to future pharmacists. It responds to society's demands and it is well integrated into the public health system. A good pharmaceutical professional can improve a patient's quality of life considerably, not only through pharmaceutical attention and monitoring, but also in the areas of public health. The role of a pharmacist is fundamental to guaranteeing a rational use of medicines and the completion of treatments, as well as being important to achieving the sustainability of the National Health System. Students in this degree will do work experience in the university's laboratories from the first academic year, as well as in pharmacies, companies and hospitals.

## Career Opportunities

For pharmacists there are more than 50 professional options. Within these options, some of them are exclusive only to pharmacists: the Pharmaceutical Organization of the National Health System, Technical Direction in Distribution Warehouses, Primary Healthcare Pharmacy, specialisations via FIR (Hospital Pharmacy, Microbiology, Radiopharmacy, Industrial Pharmacy, Galenics etc.), Military Pharmacy, regular pharmacy and Technical Direction of a Pharmaceutical Laboratory.

The professional options of Pharmacy graduates are very broad within the health system. As well as the ones mentioned previously, graduates in Pharmacy can work professionally in:

- Apothecary
- Industrial Pharmacy (in different areas)
- Food Industry
- Environmental Health
- Clinical Analysis
- Medicine and Drug Analysis
- Public Health
- Public Administration (Spanish and European Medical Agencies, Food Health Agencies, Environmental Health, Research Centers, the National Institute of Toxicology, etc.)
- Investigation
- Teaching