



UCAM
UNIVERSIDAD
CATÓLICA DE MURCIA

BACHELOR'S IN PHARMACY



UNIVERSITY
IN EUROPE FOR
QUALITY OF EDUCATION



COMMENCEMENT

September



LOCATION

Murcia, Spain



DURATION

5 Academic Years



TUITION FEE

€9,000 / year



CREDITS

300 ECTS



SEATS

45

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.

Curriculum

1st 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

2nd 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

3rd YEAR

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

4th 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

5th 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

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