

# Course Content

| FIRST YEAR                                  |   | ECTS       | Types |
|---|---|------------|-------|
| 1 <sup>st</sup> semester                    | Maths and Statistics                            | 6          | CM    |
|   | Chemistry                                       | 6          | CM    |
|   | Biology   | 6          | CM    |
|   | Structure and Function of the Human Body I      | 6          | CM    |
|   | Introduction to Pharmacy                        | 6          | OB    |
| 2 <sup>nd</sup> semester                    | Science history                                 | 6          | OB    |
|   | Biochemistry                                    | 8          | CM    |
|   | Physics   | 6          | CM    |
|   | Structure and Function of the Human Body II     | 10         | FB    |
| SECOND YEAR                                 |   | ECTS       | Types |
| 1 <sup>st</sup> semester                    | Inorganic Chemistry                             | 6          | CM    |
|   | Physiopathology I                               | 6          | CM    |
|   | Parasitology                                    | 6          | OB    |
|   | Analysis Techniques                             | 6          | CM    |
|   | Microbiology I                                  | 6          | OB    |
| 2 <sup>nd</sup> semester                    | Laboratory Quality Control Systems              | 6          | OB    |
|   | Organic Chemistry I                             | 6          | CM    |
|   | Microbiology II                                 | 4          | OB    |
|   | Chemical Physics                                | 6          | CM    |
| Nutrition                                   | 8   | OB         |       |
| THIRD YEAR                                  |   | ECTS       | Types |
| 1 <sup>st</sup> semester                    | Organic Chemistry II                            | 6          | CM    |
|   | Biopharmacy and Pharmacokinetics I              | 4          | OB    |
|   | Immunology                                      | 4          | OB    |
|   | Physiopathology II                              | 3          | OB    |
|   | Laboratory Biological Diagnosis and Analysis I  | 7          | OB    |
|   | Pharmacology                                    | 6          | OB    |
| 2 <sup>nd</sup> semester                    | Botanic Pharmacy                                | 6          | OB    |
|   | Technology Pharmacy I                           | 5          | OB    |
|   | Biopharmacy and Pharmacokinetics II 5 OB        | 5          | OB    |
|   | Laboratory Biological Diagnosis and Analysis II | 8          | OB    |
|   | Social Doctrines of the Church                  | 6          | OB    |
| FOURTH YEAR                                 |   | ECTS       | Types |
| 1 <sup>st</sup> semester                    | Chemical Pharmacy I                             | 6          | OB    |
|   | Pharmacognosy                                   | 7          | OB    |
|   | Technology Pharmacy II                          | 6          | OB    |
|   | Pharmacology and Clinical Pharmacy I            | 7          | OB    |
|   | Public Health                                   | 4          | OB    |
| 2 <sup>nd</sup> semester                    | Chemical Pharmacy II                            | 6          | OB    |
|   | Herbal Medicine                                 | 3          | OB    |
|   | Technology Pharmacy III                         | 6          | OB    |
|   | Pharmacology and Clinical Pharmacy II           | 6          | OB    |
|   | Communication skills                            | 3          | OB    |
| Toxicology                                  | 6   | OB         |       |
| FIFTH YEAR                                  |   | ECTS       | Types |
| 1 <sup>st</sup> semester                    | Biotechnology Pharmacy                          | 3,5        | OB    |
|   | Cosmetics and health products                   | 6          | OB    |
|   | Management and Planning                         | 4,5        | OB    |
|   | Pharmacy History, legislation and ethics        | 6          | OB    |
|   | Pharmacy Care                                   | 4          | OB    |
|   | - Scientific Methodology                        | 6          | OP    |
|   | - Hospital Pharmacy                             |            |       |
|   | - Pharmacogenetics and Pharmacogenomics         |            |       |
| - University Sports and Cultural Activities |   |            |       |
| 2 <sup>nd</sup> semester                    | Final Year Project                              | 6          | FYP   |
|   | Supervised Work Placement                       | 24         | PR    |
| <b>TOTAL</b>                                |   | <b>300</b> |       |

CM Core Modules | OB Obligatory | OP Optional | PR Practical | FYP Final Year Project

# Pharmacy



**Level: Diploma**

**Years: 5**

**ECTS: 300**

**Location: Valencia Campus**

**Taught in: English or Spanish**

## What will you learn?

You will learn how to be involved in patient care and how to improve the quality of life of patients, through collaborating with other health professionals. To do this, you will acquire new «attitudes, behaviours, commitments, concerns, ethical values, roles, skills, responsibilities and abilities» to improve the health of patients, as established by WHO (World Health Organisation) in 1993.



**CEU**  
Universidad  
Cardenal Herrera

Plus d'information: Tel + 34 96 136 90 02/03 - admission@uchceu.es

[www.uchceu.es](http://www.uchceu.es)

## What makes us different?

### Focus on employability

You will have the possibility to do, alongside your degree, a free qualification in Pharmacy Management and Marketing (**Título Propio en Gestión de Oficina de Farmacia y Marketing Farmacéutico**) that will complement your degree and improve your employability. You will improve your skills in financial and strategy management, stock management and your knowledge of marketing tools that can be applied in the pharmacy.



### Experience

Our history shows that we have been producing pharmacists for more than 40 years. CEU-UCH will shape you into a health professional that specialises in medicines. Consequently, your career prospects will go much further than the pharmacy. In order to widen your horizons, we have partnerships with public and private hospitals in Valencia.

### Teaching body

Our teachers have professional experience in the Pharmaceutical Industry, Hospital Pharmacy and Care, and in the Pharmacy itself. We offer our students personal attention and guidance.

### Focus on patient care

The pharmacy degree we offer at CEU-UCH is focused on care management in all areas of pharmacy (in pharmacies, hospitals etc.). There are two key things that make our degree different:

- Our course has been structured and developed so that all subjects have a **focus on patient care**
- The **Pharmacy Practice Classroom** is an idea that has been pioneered in Spain and is a classroom that replicates a real Pharmacy. It is an area designed so that students can practice interacting with real patients and learn how to manage different medications. Students will work in this room from the first year.

### Work Placements and International Opportunities

We encourage students to enhance their degree by doing voluntary work placements alongside their studies, either in Spain or abroad (France, the UK, Morocco...). Work placements can be done in pharmacies, hospitals, research centres, pharmaceutical and cosmetics laboratories, and in medicine distribution centres.

We have agreements with companies who value the presence of our students on work placements. Therefore, we offer students work placements in all areas of pharmacy which help them to better understand the types of career opportunities available to them. In the summer holidays, students can also do voluntary internal work placements, allowing them to get involved in pharmacy research.

Students will have the opportunity to study in another European university for a semester during their degree, for example at Charles University in Prague, University of Eastern Finland in Finland, Università di Bologna in Italy, Universidade Coimbra in Portugal or l'Université Paris Descartes in France.

With the Seneca program, it is also possible to study at another Spanish university for an entire year (Universidad de Alcalá de Henares – Madrid).