



L-Università  
ta' Malta



THE  
UNIVERSITY OF  
ILLINOIS  
AT  
CHICAGO  
COLLEGE  
OF PHARMACY



INTERNATIONAL COLLABORATIVE PROGRAMMES  
UNIVERSITY OF MALTA

# Master in Advan

Department of Pharmacy | USA-EU Collaborative Degree  
**Master in Advanced Clinical Pharmacy**

## **USA-EU COLLABORATIVE DEGREE MASTER IN ADVANCED CLINICAL PHARMACY UNIVERSITY OF MALTA (MALTA) IN COLLABORATION WITH UNIVERSITY OF ILLINOIS AT CHICAGO (USA)**

The Department of Pharmacy of the Faculty of Medicine and Surgery at the University of Malta is a leader in Europe for patient-focused curricula. The programme, which is offered in collaboration with the College of Pharmacy at the University of Illinois at Chicago (UIC), USA, focuses on developing advanced clinical pharmacy skills and perspectives on patient safety with regards to development and use of innovative drugs.

### **DELIVERY**

The course is built on a hybrid learning model that provides learning through an online platform, live tutorials for patient case discussions, journal clubs and seminars. The practical placements include rotations undertaken in different pharmaceutical scenarios. Teaching faculty includes leading, internationally-recognised staff from the Department of Pharmacy at the University of Malta and the UIC College of Pharmacy.

### **CAREER PROSPECTS**

Targeted at pharmacists working in hospitals, primary care, community pharmacy, pharmacovigilance, pharmacy administration and policy who would like to advance their careers by enhancing patient-focused skills.

### **ACADEMIC PROGRAMME**

#### **Pharmacotherapeutics**

An advanced up-to-date overview of the principles and innovations in pharmacotherapeutics in areas, including cardiology, endocrinology, hepatology, infectious disease, fluid and electrolyte disorders, nutrition, nephrology, neurology, oncology, paediatrics, psychiatry and rheumatology, is presented.

#### **Drug Information and Statistics**

Critical evaluation of literature in a systematic approach is presented and the clinical application of statistical tools is explored. The concepts of ensuring patient safety and legal and ethical implications when responding to drug information requests are discussed. Aspects required in literature evaluation for formulary development and disease state management policies are put forward.

#### **Pharmacoeconomics**

Advanced concepts of pharmacoeconomics are discussed and application of economic-based evaluation methods in pharmaceutical care services and in the evaluation of new therapies is portrayed.

#### **Health Systems in USA and EU**

Various healthcare systems, their associated regulations and international government healthcare regulations are reviewed and critically analysed. Delivery systems and health financing models in the USA, the European Union and other countries are taken as examples to appraise health systems and to propose models for developing health systems with rational and safe delivery.

The programme also consists of an experiential study-unit intended to support self-reflective development; rotations in a hospital setting and other pharmacy settings; and a practice-research dissertations.

## SCHOLARSHIPS

Scholarships are available in the form of paid traineeships with the Malta Medicines Authority and with other local private pharmaceutical entities in Malta.

## COURSE INFORMATION

Start Period: October | Duration: 3 semesters

Certification Awarded: Master in Advanced Clinical Pharmacy from the University of Malta

## ENTRY REQUIREMENTS

Pharmacy Degree from a recognised institution + English language competency

## COURSE FEES

EU students		Non-EU students	
Semester 1:	€ 2,500	Semester 1:	€ 6,750
Semester 2:	€ 2,500	Semester 2:	€ 6,750
Semester 3:	€ 2,500	Semester 3:	€ 6,000

Applications are available on [um.edu.mt/ms/pharmacy/courses](https://um.edu.mt/ms/pharmacy/courses)

Our team is more than willing to help with any questions you may have.

Feel free to contact us and discuss via live chats on Skype: [pharmd-pharmacy.ms](https://www.skype.com/join/um-pharmd-pharmacy.ms)

### Academic Co-ordinators



Professor Alan Lau  
College of Pharmacy,  
University of Illinois at Chicago



Professor Lilian M. Azzopardi  
Department of Pharmacy,  
University of Malta

## UNIVERSITY OF MALTA

The University of Malta traces its origins to the founding of the Collegium Melitense which was set up in 1592. Today, it hosts over 11,000 students following full-time and part-time degree and diploma courses. The University of Malta is the highest teaching institution in Malta. It is publicly funded and its structures are in line with the Bologna Process and the European Higher Education Area. It strives to provide courses that are relevant to contemporary needs of the industry and employers.

## DEPARTMENT OF PHARMACY

The Department of Pharmacy at the University of Malta provides undergraduate and postgraduate courses in pharmacy and pharmaceutical technology. The Department boasts of innovative learning methods for the development of research skills and has achieved excellence in the research areas of clinical pharmacy. The Department of Pharmacy is at the forefront of pharmacy education developments and collaborates with local and international stakeholders to contribute to the evolvement of pharmacy and pharmaceutical services.

## COLLEGE OF PHARMACY, UNIVERSITY OF ILLINOIS AT CHICAGO, USA

The UIC College of Pharmacy offers a four-year professional degree programme in pharmacy and programmes leading to six masters degrees and four doctorate degrees, with more than 185 faculty members who conduct research and provide training to students and trainees. UIC is ranked the sixth College of Pharmacy in the USA on the basis of research and clinical innovations, discoveries, and comprehensive, committed teaching.



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