



L-Università ta' Malta

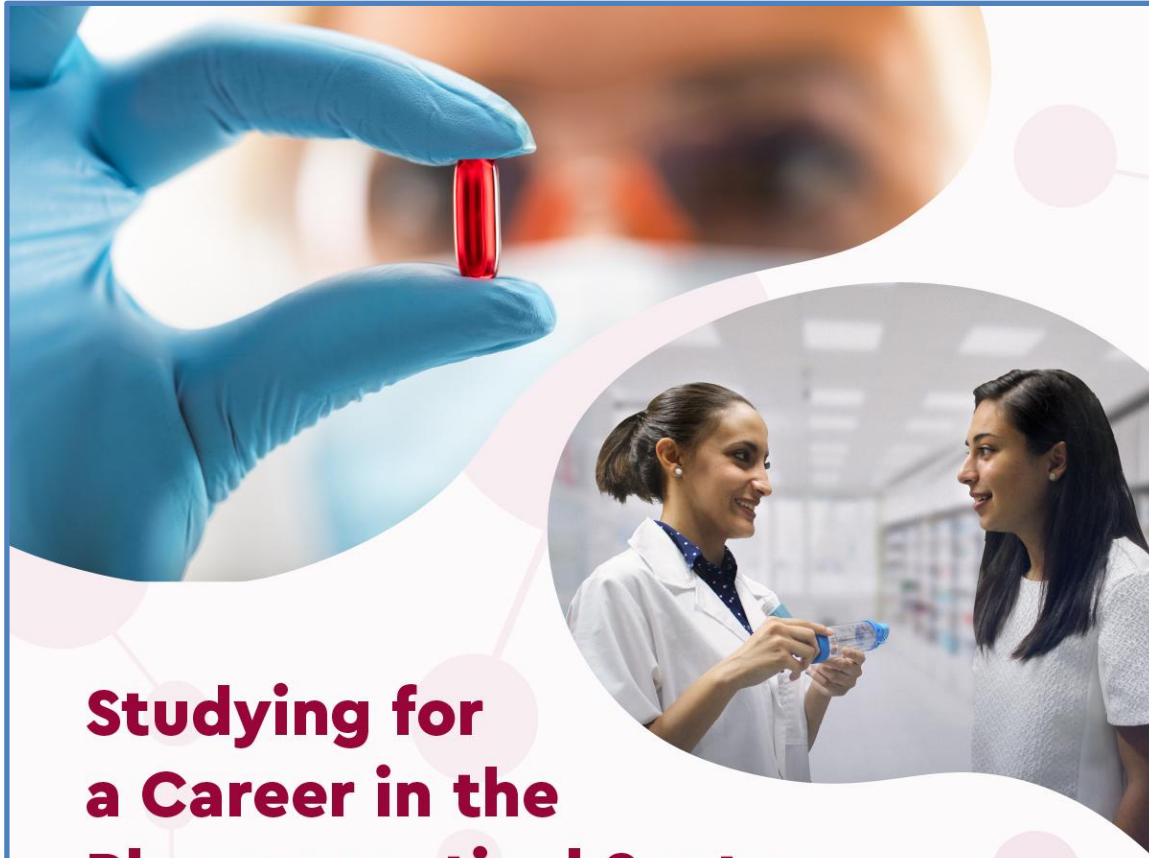
Faculty of
Medicine & Surgery

Department
of Pharmacy


Careers in the Pharmaceutical Industry

Lilian M. Azzopardi

www.um.edu.mt/ms/pharmacy



Studying for a Career in the Pharmaceutical Sector

 L-Università ta' Malta
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Innovations in the Pharmaceutical Sector



Artificial Intelligence

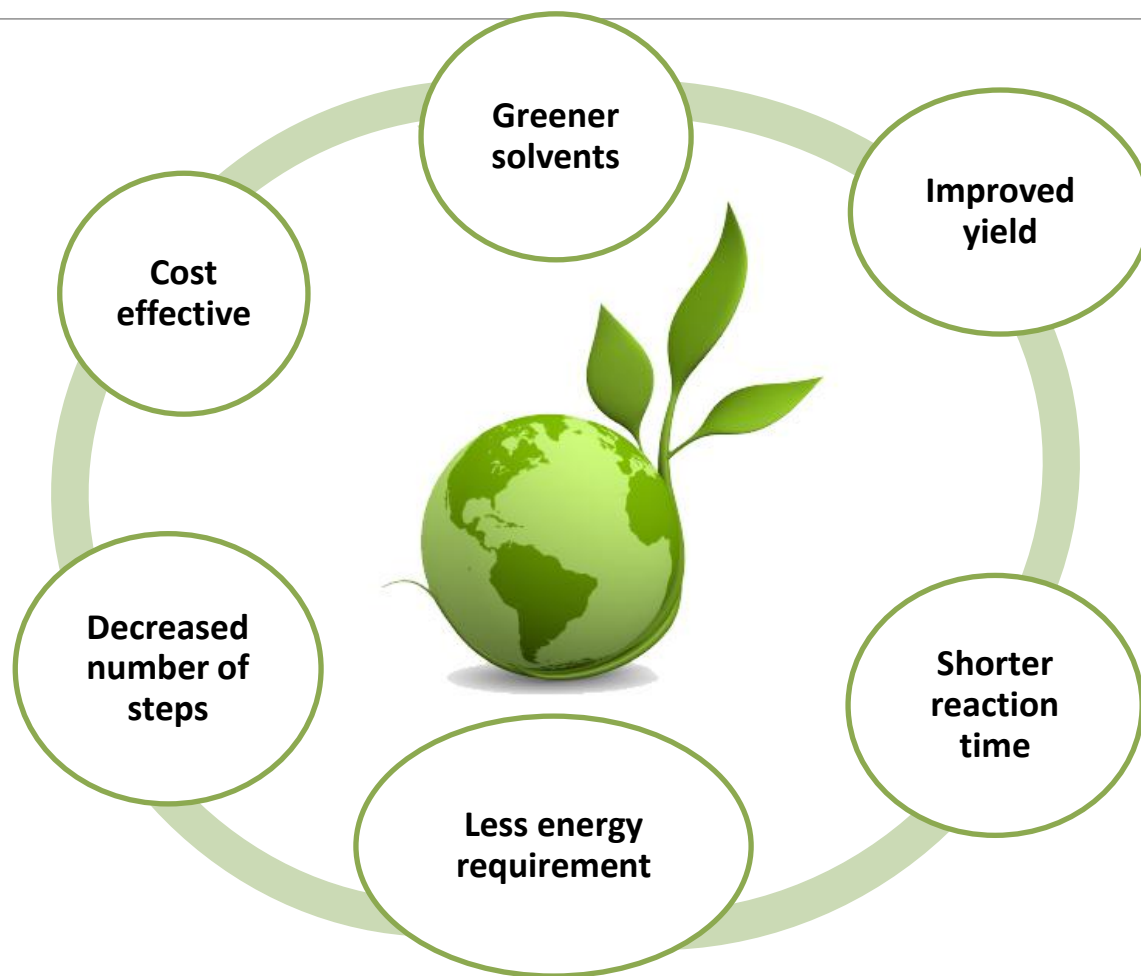


Digital Health



Point-of-care testing devices

Research and Innovation



Green Pharmacy

Opportunities



L-Università ta' Malta
Faculty of
Medicine & Surgery

Department
of Pharmacy

B.Sc. (Hons.) in Pharmaceutical Technology

**The Pharmaceutical
Technologist**



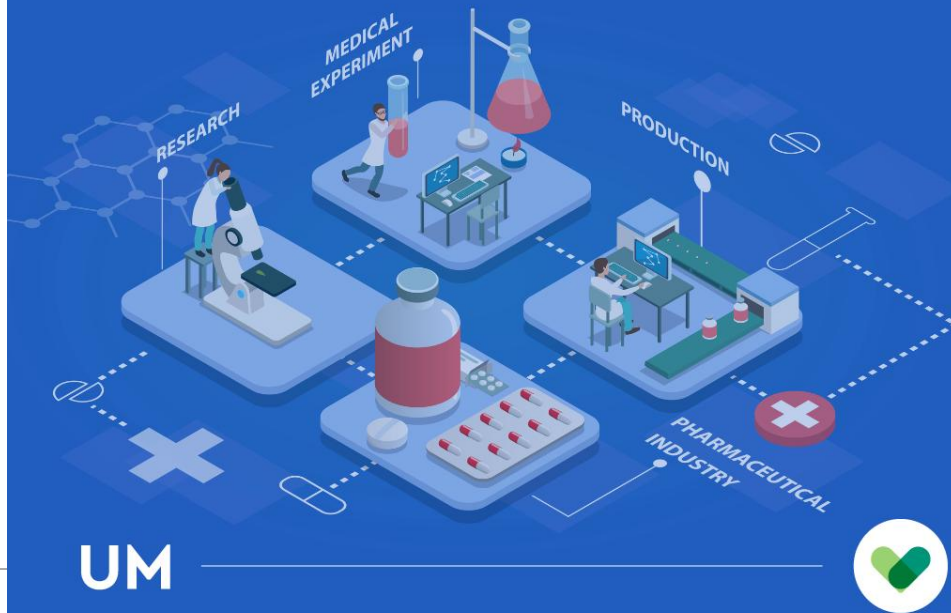
L-Università ta' Malta
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Medicine & Surgery

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of Pharmacy

B.Sc (Hons) in Pharmaceutical Science

**MPharm
The Pharmacist**

Study for a career in Pharmaceutical Technology



The Pharmaceutical Technologist

Pharmaceutical Technologist

- **scientific processes**
- **research, development, production and use**
- **safe and effective medicines and medical devices**

Pharmaceutical technology studies

Experientials

Bachelor of Science in Pharmaceutical Technology

MSc in Pharmaceutical & Regulatory Sciences

Doctor of Philosophy

Collaborative model

Research

Career opportunities

**Formulation
development**

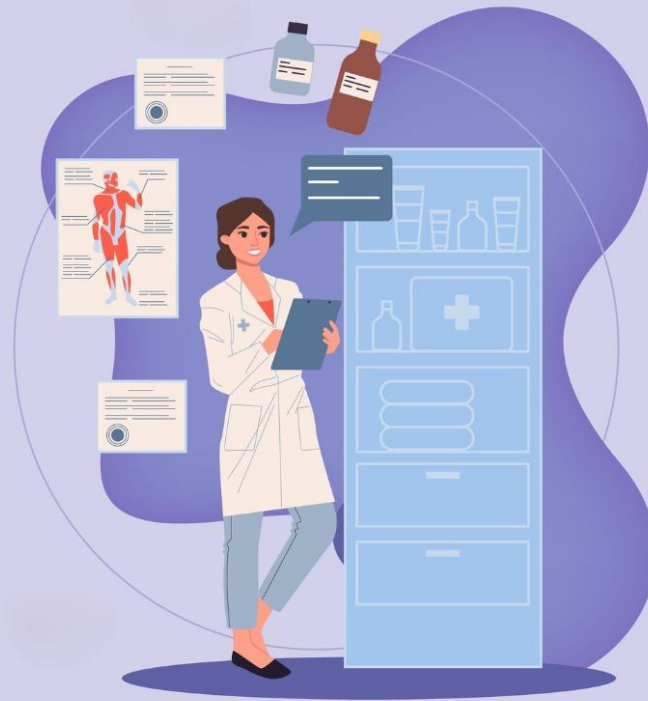
Quality Assurance

Clinical Trials

Qualified Person

- **Impact on availability of medicines**
- **Cutting-edge research**
- **Leadership**
- **Global career opportunities**

Become a Pharmacist



UM



The Pharmacist

Pharmacy studies

Experientials

Bachelor of Science in Pharmaceutical Science

Master of Pharmacy

Total 5.5 years



Pharmacist

Collaborative model

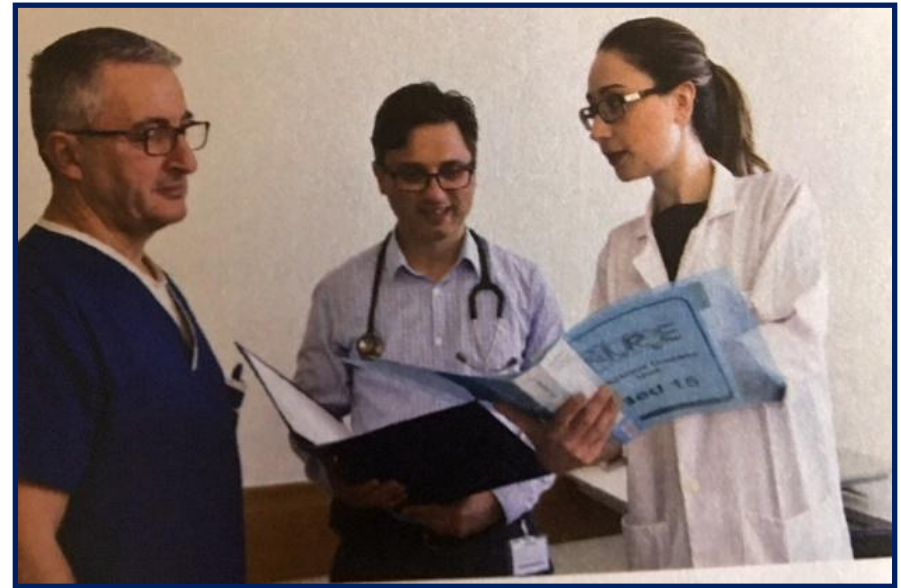
MSc in Pharmaceutical & Regulatory Sciences

Doctorate in Pharmacy

Doctor of Philosophy

Research

Career Opportunities



**Patient-centred services:
Community Pharmacy and Hospital Pharmacy**

Clinical Pharmacy

Clinical Pharmacy

1. This emerging role is a hybrid of the functions of a community pharmacist and that of a hospital pharmacist along with being a subject matter expert.



2. Clinical pharmacists use their cognitive and clinical expertise as drug therapy experts in managing chronically ill patients



3. They provide clinical interventions, including medication reviews, drug interaction & therapy response monitoring, review of factors impacting pharmacokinetics and pharmacology of medications.



4. Clinical pharmacists can work in the community, nursing homes, or hospital settings.



5. They specialise in fields, such as geriatrics, cardiovascular, infectious diseases, diabetes, respiratory care, and home health care.

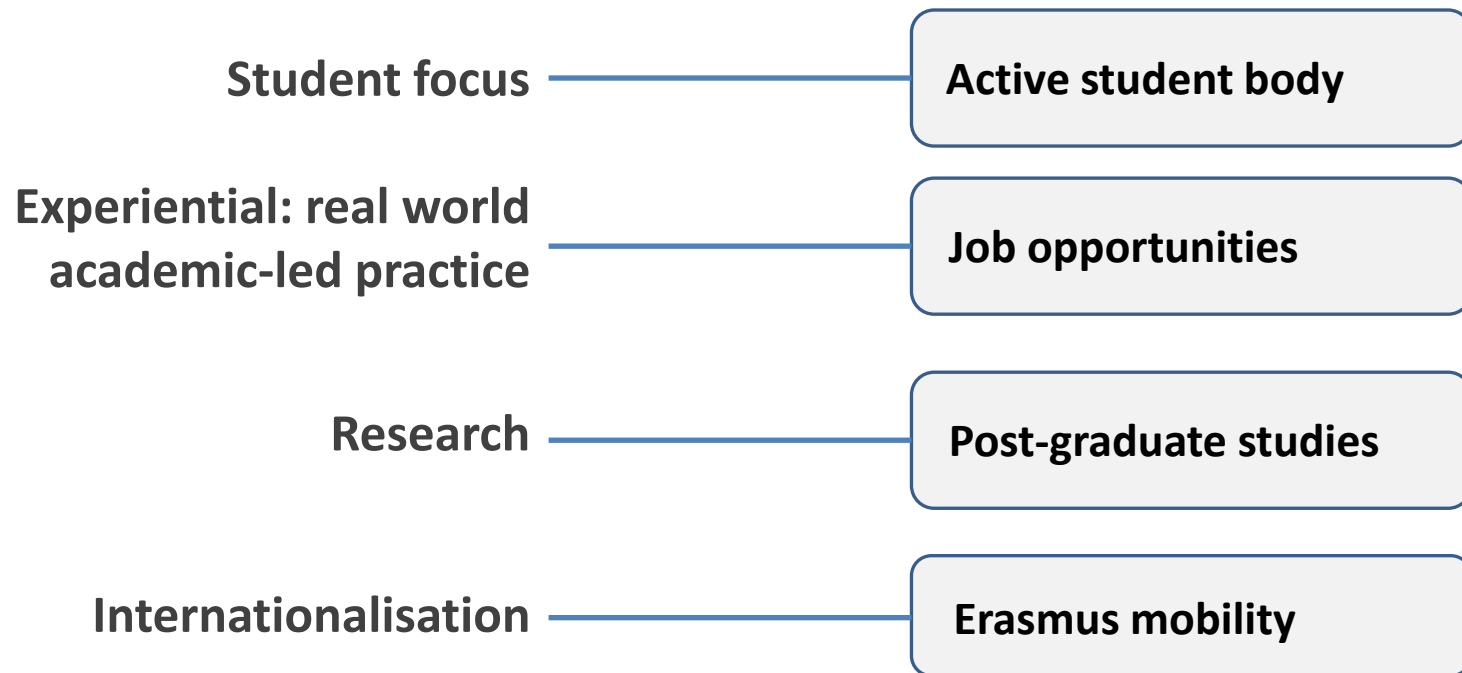


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Highlights



Special Courses Requirements

Pharmacy

Grade C or better at Advanced level in **Chemistry**

Pass in Pure Mathematics at Intermediate Level or Advanced Level

Pharmaceutical Technology

A pass at **Intermediate Level** or **Advanced Level** in **Chemistry**

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