



L-Università ta' Malta

Faculty of  
Medicine & Surgery

Department  
of Pharmacy

# Careers in the Pharmaceutical Industry

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[www.um.edu.mt/ms/pharmacy](http://www.um.edu.mt/ms/pharmacy)



# Pharmacy: your gateway to science & research

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# The Pharmaceutical Technologist



# The Pharmacist

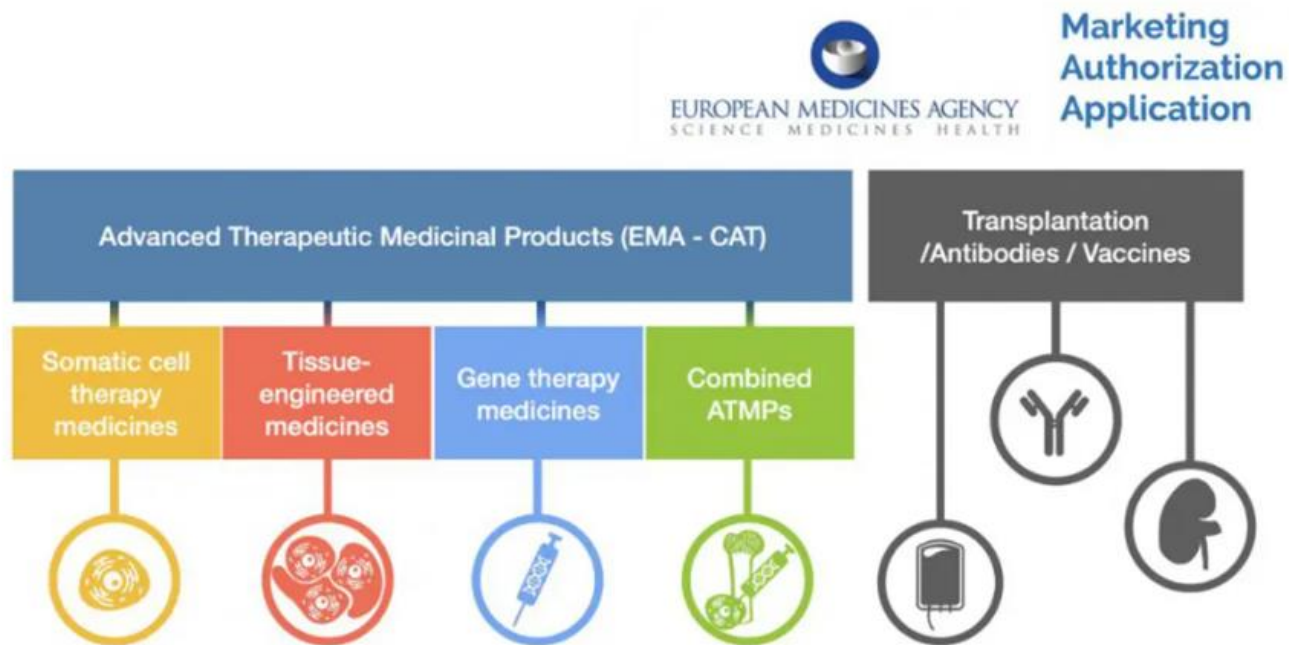
# Career Opportunities



## **Pharmaceutical Industry**

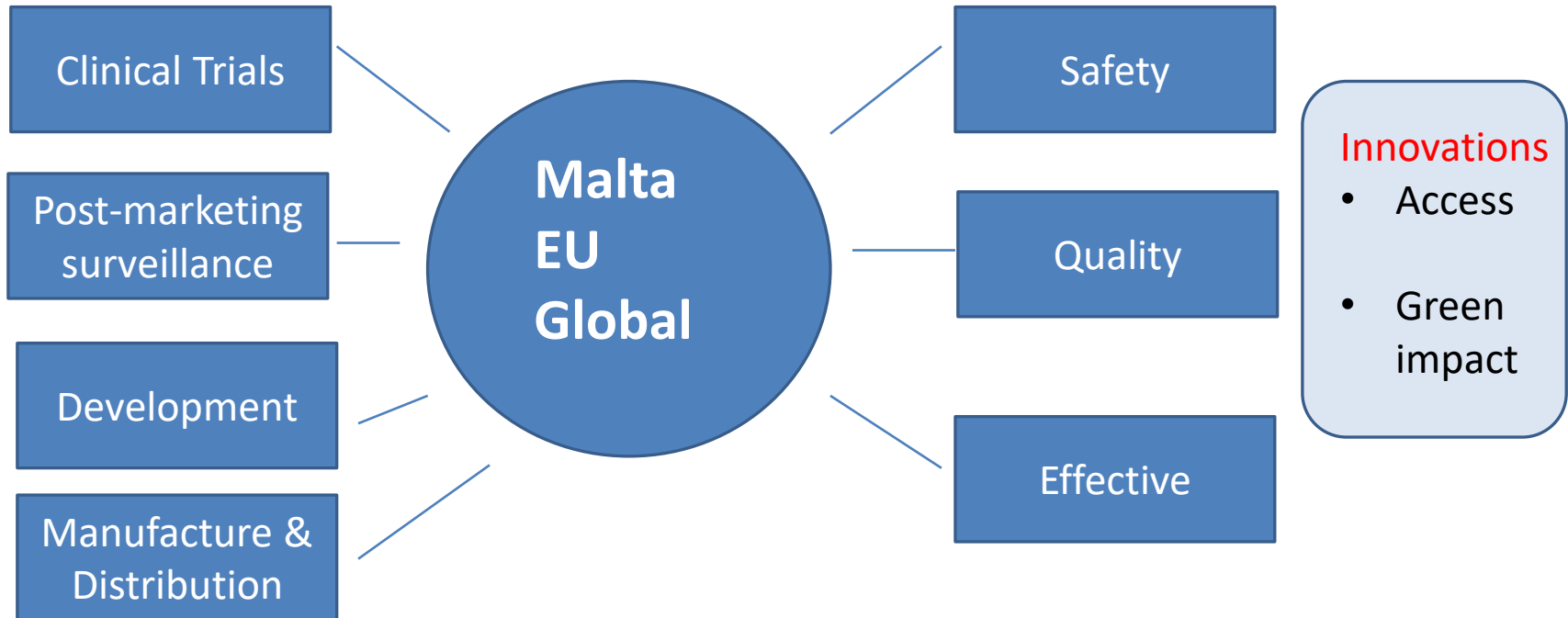
# Career Opportunities

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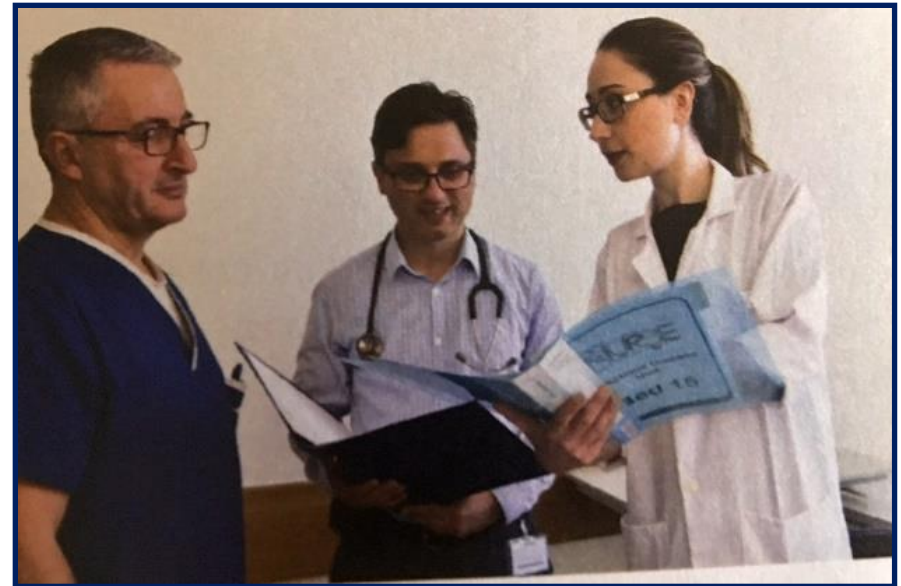
## Pharmaceutical Regulatory Sciences

# Pharmaceutical and Regulatory Sciences



# Career Opportunities

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**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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# Research and Innovation



## Pharmacogenetics

# Research and Innovation

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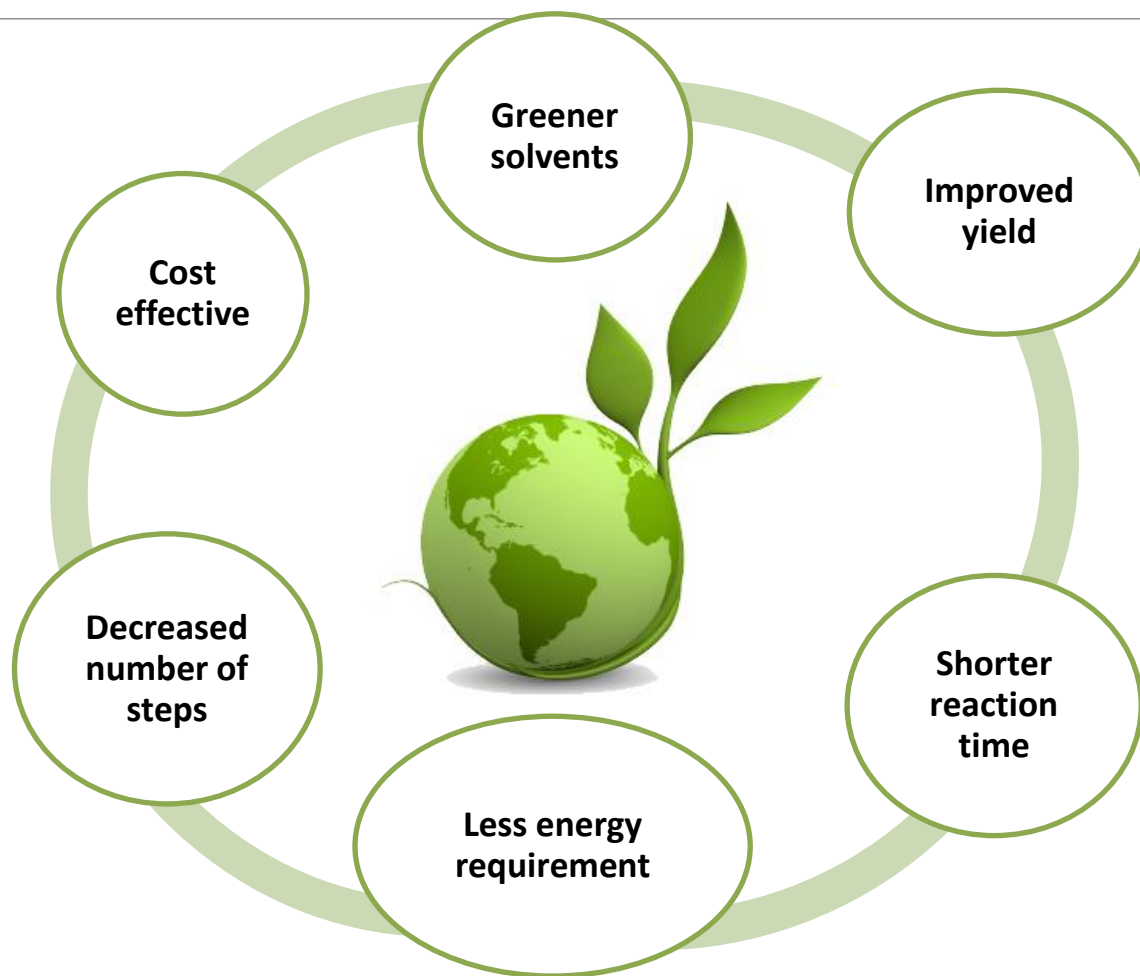
**Point-of-care testing devices**



**Artificial Intelligence**

# Research and Innovation

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**Green Pharmacy**



Department of Pharmacy  
University of Malta

# Programmes

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# Pharmaceutical technology studies

*Experientials*

**Bachelor of Science in Pharmaceutical Technology**

**MSc in Pharmaceutical & Regulatory Sciences**

**Doctor of Philosophy**

**Collaborative model**

*Research*

# Pharmacy studies

*Experientials*

**Bachelor of Science in Pharmaceutical Science**

**Master of Pharmacy**

**Total 5.5 years**



**Pharmacist**

**MSc in Pharmaceutical & Regulatory Sciences**

**Doctorate in Pharmacy**

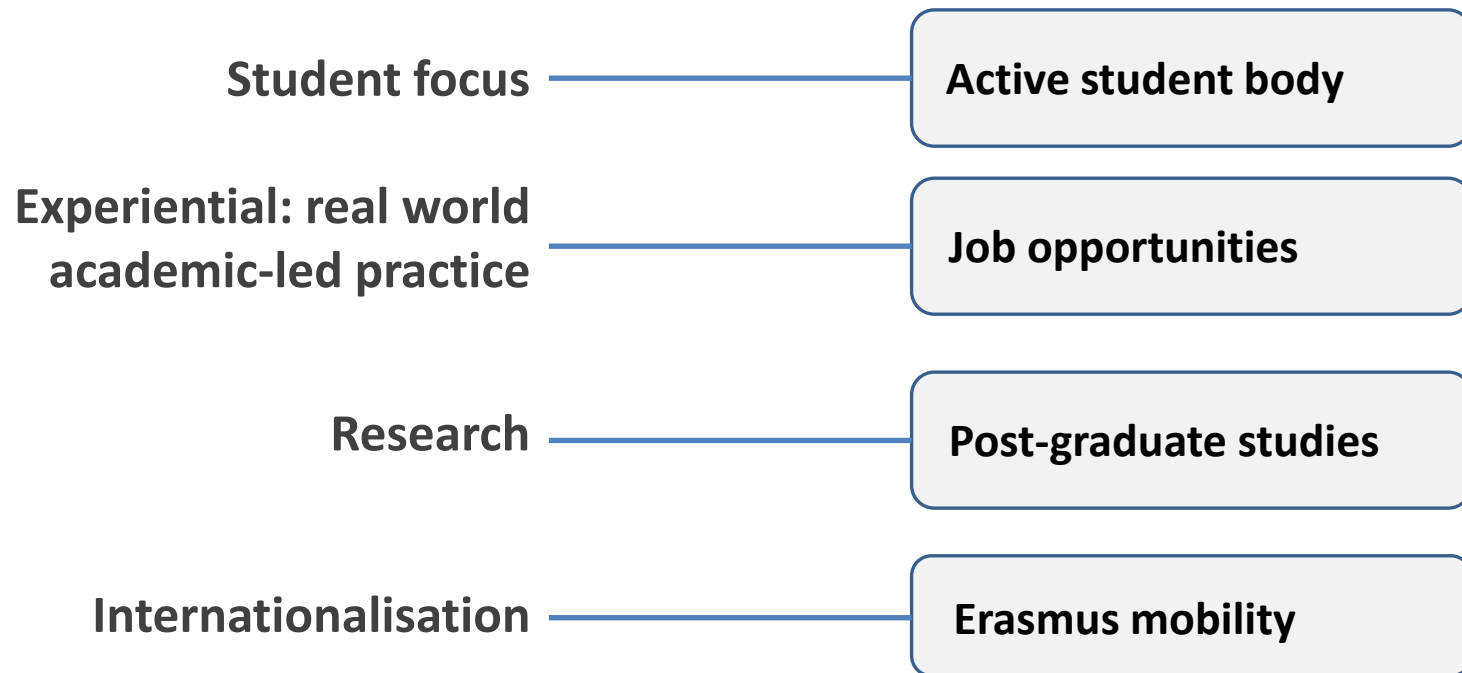
**Doctor of Philosophy**

**Collaborative model**

*Research*

# Highlights

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# Special Courses Requirements

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## Pharmacy

**Advanced Level** pass at **Grade C** or better in **Chemistry**

**Advanced Level** pass at **Grade C** or better in one of **Biology, Computing, English, Philosophy or Physics**

**Intermediate Level** pass at **Grade C** or better in **Pure Mathematics**

## Pharmaceutical Technology

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

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