

# B.Sc. (Hons.) in Pharmaceutical Technology

## The Pharmaceutical Technologist

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### What are the career opportunities for pharmaceutical technologists?

There are innumerable career opportunities in the pharmaceutical settings, including pharmaceutical industry, research organisations, pharmaceutical administration and regulatory sciences related to:

- ✎ Novel medicines
- ✎ Medical Devices
- ✎ Quality Assurance
- ✎ Quality Control
- ✎ Medicines Wholesale and Distribution
- ✎ Medicines Management

### What programme do pharmaceutical technologists follow?

Pharmaceutical Technologists follow a three-year study programme leading to a Bachelor of Science (Honours) in Pharmaceutical Technology.

Topics covered include:

- ✎ Manufacturing of medicines
- ✎ Regulation of safety, quality and efficacy of medicines
- ✎ Quality systems
- ✎ Pharmaceutical analysis
- ✎ Patient-centric pharmaceutical

Every year students carry out an academic placement in relevant areas to experience real-world scenarios and learn on-the-job transferable skills. Students in their final year of the programme have the opportunity to conduct their placement in another European country.

### What research is being carried out by pharmaceutical technology students?

Areas of interest include access to advanced medicinal products, medicinal cannabis, green pharmaceutical processes and innovative techniques in manufacturing of medicines, such as 3D printing technologies to produce tablets tailor-made for individual patient needs.

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### Opportunities for Further Study:

*Master Studies:* M.Sc. in Pharmaceutical and Regulatory Sciences (6 semesters) with specialisation in Pharmaceutical Regulatory Sciences, Hospital Pharmacy, Industrial Pharmacy, Pharmacoeconomics and Pharmacy Administration, Management and Marketing

*Doctoral Studies:* Ph.D. (3 years)

### For more information:

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

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