

B.Sc (Hons) in Pharmaceutical Science

The Pharmacist

What are the Career Opportunities for Pharmacists?

Pharmacists are working in different areas to provide quality care and promote safe use of medicines in:

- ↳ *Community pharmacy* - giving advice to patients on rationale and safe use of medicines
- ↳ *Hospital pharmacy* - participate in the healthcare team to ensure individualised, effective use of medicines
- ↳ *Regulatory affairs* - ensuring that standards related to pharmaceutical processes are met
- ↳ *Industrial pharmacy* - ensuring quality, effectiveness and safety of medicinal products produced
- ↳ *Medical representation* - educating healthcare professionals and the public on the use of medicines

How are pharmacists prepared for their profession?

Pharmacists follow a four-year Bachelor of Science (Honours) in Pharmaceutical Science course, followed by a three-semester Master of Pharmacy course. Upon completion of the two programmes, students can apply for a licence to practice as a pharmacist with the Pharmacy Council.

What research is being undertaken by the Department of Pharmacy?

Research conducted at the Department of Pharmacy includes:

- ↳ Analysis of medication in biological fluids, such as blood
- ↳ Pharmacogenetics to individualise medication therapy
- ↳ Risk management in pharmaceutical processes
- ↳ Synthesis of drugs using green chemistry to decrease the negative impact on the environment
- ↳ Innovative methods in clinical pharmacy and pharmaceutical care plans

Further study opportunities:

M.Sc. in Pharmaceutical and Regulatory Sciences (6 semesters) with specialisation in Hospital Pharmacy, Industrial Pharmacy, Pharmaceutical Regulatory Affairs, Pharmacoeconomics, Pharmacy Administration and Management
Master of Advanced Clinical Pharmacy (3 semesters)
Doctorate in Pharmacy (3 years)
Ph.D. (3 years)

For more information:

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