



الجامعة الوطنية - السودان
National University - Sudan

Master of **Clinical** Pharmacy



Overview

The Master of Clinical Pharmacy is a postgraduate program designed to prepare pharmacists for advanced patient-centered pharmaceutical care and evidence-based clinical practice. The program equips graduates with the knowledge, skills, and professional competencies required to optimize medication therapy, collaborate effectively with healthcare teams, conduct research, and contribute to healthcare policy development.

Program Objectives

The program aims to enable graduates to:

- Deliver advanced pharmaceutical care services in hospitals and healthcare institutions.
- Work effectively within multidisciplinary healthcare teams. Provide evidence-based drug information and medication management services.
- Participate in teaching and training activities in pharmacy practice and clinical pharmacy.
- Conduct research and contribute to the advancement of clinical pharmacy practice.

Learning Outcomes

Upon successful completion of the program, graduates will be able to:

- Communicate effectively with patients and healthcare professionals.
- Assess patients and develop appropriate therapeutic plans.
- Provide evidence-based pharmaceutical care and drug information services.
- Evaluate and monitor medication therapy outcomes.
- Conduct scientific research and disseminate findings through publications and presentations.
- Contribute to the development of medication policies and clinical protocols.

Admission Requirements

Applicants must satisfy the regulations of the Ministry of Higher Education and Scientific Research and the Faculty of Graduate Studies and Scientific Research.

Eligible applicants include holders of:

- B.Sc. (Honours) in Pharmacy with a minimum grade of Good (Second Class) or CGPA ≥ 2.5 .
- B.Sc. (Honours) in Pharmacy (Third Class) plus a qualifying program of 12 credit hours.
- B.Sc. (General) in Pharmacy plus a Postgraduate Diploma in Pharmacy.

Program Structure

Duration: Two Academic Years (Four Semesters)

Total Credits: 35 Credit Hours

Curriculum Structure

The curriculum consists of 35 credit hours distributed over four semesters.

Semester One

- Research Methodology
- Statistics and Drug Development
- Pathophysiology
- Clinical Pharmacy Practice and Drug Information
- Clinical Pharmacokinetics and Therapeutic Drug Monitoring
- Clinical Skills Laboratory

Semester Two

- Pharmacotherapy I

- Pharmacoeconomics and Pharmacoepidemiology
- Pharmacotherapy II
- Clerkship I
- Drug and Poison

Semester Three

- Pharmacotherapy III
- Pharmacotherapy IV
- Pharmacotherapy V
- Clerkship II

Semester Four

- Journal Club
- Dissertation

Teaching and Learning Methods

- Lectures
- Tutorials
- Seminars
- Workshops
- Clinical Training and Hospital Rounds
- Independent Research

Language of Instruction

- English

Career Opportunities

Graduates may pursue careers as:

- Clinical Pharmacists
- Hospital Pharmacists

- Drug Information Specialists
- Clinical Research Associates
- Academic and Teaching Staff
- Pharmaceutical Policy and Healthcare Consultants
- Healthcare Administration and Regulatory Professionals

Award

Upon successful completion of all academic and research requirements, graduates will be awarded the degree of Master of Clinical Pharmacy (M.Clin. Pharm.) from the National University-Sudan.

For further information, please contact the Faculty of Graduate Studies and Scientific Research, National University – Sudan:

Website: <https://postgraduate-pa.nu.edu.sd/>

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