

PROGRAMME CURRICULUM

MASTER OF SCIENCE IN MEDICAL PHARMACOLOGY

Specialisation in Clinical Pharmacology

Core Courses

S/N	COURSE TITLE	COURSE CODE	UNITS
1	Capstone Project (Clinical)	PHC5001	6
2	Effective Scientific Communication	PHC5003	2
3	Ethics & Good Practice in Medicinal Research	PHC5004	2
4	Clinical Pharmacology I	PHC5006	4
5	Clinical Pharmacology II	PHC5007	4
6	Leadership in Applied Biomedicine	ABM5001	2
7	Advanced Biostatistics for Research	ABM5002	2
TOTAL UNITS			22

Specialisation in Translation Pharmacology

Core Courses

S/N	COURSE TITLE	COURSE CODE	UNITS
1	Capstone Project (Translation)	PHC5001	6
2	Effective Scientific Communication	PHC5003	2
3	Ethics & Good Practice in Medicinal Research	PHC5004	2
4	Principles and Praxis of Pharmacology	PHC5005	4
5	Leadership in Applied Biomedicine	ABM5001	2
6	Advanced Biostatistics for Research	ABM5002	2
TOTAL UNITS			18

Specialisation in Pharmacology Education

Core Courses

S/N	COURSE TITLE	COURSE CODE	UNITS
1	Effective Scientific Communication	PHC5003	2
2	Capstone Project (Education)	PHC5002	6
3	Principles and Praxis of Pharmacology	PHC5005	4
4	Quantitative Research in Medical Education	PHC5201	2
5	Curriculum Design for Pharmacology	PHC5202	4
6	Leadership in Applied Biomedicine	ABM5001	2
TOTAL UNITS			20

Elective Courses

To graduate with a specialised track, students must choose a minimum of 3 elective courses from that particular track.

S/N	COURSE TITLE	COURSE CODE	UNITS
Clinical Specialisation Specific			
1	Clinical Trial Design and Management	PHC5101	4
2	N-of-1 Pharmacology	PHC5102	2
3	Personalized Medicines and Pharmacometrics	PHC5103	4
4	Pharmacovigilance and Regulatory Affairs	PHC5104	4
5	Natural Products & Complementary Medicine	PHC5105	2
Translation Specialisation Specific			
1	Toxicology and Safety Assessment	PHC5106	4
2	Next Generation Medicines: From Bench to Bedside	PHC5107	4
3	Green and Sustainable Pharmacology	PHC5108	2
4	Advanced Human Pharmacology	MDG5204	4
5	Current Practices in Biotechnology	MDG5232	4
6	Understanding IP and Patents in the Biomedical Industry	MDG5252	4
Education Specialisation Specific			
1	Green and Sustainable Pharmacology	PHC5108	2
2	Transforming your Teaching using Technology	PHC5211	4
3	Qualitative Research in Medical Education	PHC5212	2
4	Nuts and Bolts of Teaching in Higher Education	MDG5251	4
5	Advanced Human Pharmacology	MDG5204	4