

CLINICAL CORE COURSES

165.5 UNITS

HSC 4493	Research Methods & Biostatistics	3 units
PHM 3401	Introduction to Analytical Chemistry	3 units
PHM 3402	Instrumental Methods of Analysis	3 units
PHM 3403	Medicinal Chemistry I	7.5 Units
PHM 3411	Introduction to Pharmacy	3 Units
PHM 3412	Biopharmaceutics	3 Units
PHM 3413	Physical Pharmaceutics	4.5 Units
PHM 3451	General Pharmacognosy	4.5 Units
PHM 3471	Basic Pharmacology and Toxicology	3 units
PHM 3472	Anti-Infective Drugs	3 units
PHM 3473	Respiratory and Gastrointestinal Pharmacology	4.5 Units
PHM 3481	Introduction to Clinical Pharmacy	3 units
PHM 3482	Infectious Diseases	7.5 units
PHM 3483	Respiratory and Gastrointestinal Disorders	3 units
HSC 3492	Law and Ethics in Research	3 units
PHM 4404	Medicinal Chemistry II	7.5 Units
PHM 4405	Pharmaceutical Analysis I	4.5 Units
PHM 4406	Pharmaceutical Analysis II	6 units
PHM 4414	Unit Operations	4.5 Units
PHM 4415	Powder Technology	3 units
PHM 4416	Dispensing and Pharmacy Practice	4.5 units
PHM 4452	Elements of Phytochemistry	6 units
PHM 4474	Cardiovascular and Renal Pharmacology	4.5 Units
PHM 4475	Endocrine and Reproductive Pharmacology	4.5 units
PHM 4476	Nervous and Musculoskeletal Pharmacology	4.5 Units
PHM 4484	Cardiovascular and Renal Disorders	3 units
PHM 4485	Endocrine and Reproductive System Disorders	4.5 Units
PHM 4486	Nervous and Musculoskeletal Disorders	4.5 Units
PHM 4491	Social and Behavioral Pharmacy	6 units
PHM 5477	Cancer, Ocular and Skin Pharmacology	3 units
PHM 5478	Veterinary Pharmacology	3 units
PHM 5407	Pharmaceutical Quality Control	3 units
PHM 5417	Dosage Forms	4.5 Units
PHM 5418	Pharmaceutical Microbiology	4.5 Units
PHM 5487	Neoplastic Disorders	4.5 Units
PHM 5488	Ocular, Ear and Skin Disorders	4.5 Units
PHM 5492	Pharmaceutical Marketing Management	3 units
PHM 5493	Pharmacy Management	3 units
PHM 5494	Elective Industrial & Hospital Attachment	8 Units
PHM 5495	Research Project and Thesis	6 units
PHM 5496	Pharmacy, Law & Ethics	3 units

CONTACTS

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Bachelor of Pharmacy (B.pharm)



PROGRAM DESCRIPTION

The USIU-Africa Pharmacy program is designed for students who wish to pursue careers in different pharmacy practice settings, management and research. In particular, both the industrial and hospital arms of our program have been so enhanced as to bring out the best of knowledge, skills, attitudes, ethics, values, style and success in our graduates.

The program focuses on the development, application and effective management of Pharmaceutical technology as a fundamental tool of modern healthcare. This is why USIU-Africa has invested heavily in the best equipped laboratories and library of any pharmacy program in the region.

ADMISSION REQUIREMENTS

Applicants must have obtained an average weight of **B-** provided that **NO** subject in this cluster shall have a grade below **C+**

OPTION A

Chemistry
Biology
Maths/Physics
English/Kiswahili

OPTION B

Biological Sciences
Physical Sciences
Mathematics
English/Kiswahili

OR

For A level graduates, a minimum of two(2) Principal passes (C) in Biology and chemistry and a subsidiary pass (or credit pass at O'level) in Physics or Mathematics

DEGREE REQUIREMENTS

342.5 UNITS

CORE COURSES: 39 UNITS

STRATEGIES FOR UNIVERSITY SUCCESS 3 UNITS

SUS 1010 Strategies for University Success

CORE CURRICULUM:

SYMBOLIC SYSTEMS AND INTELLECTUAL SKILLS 12 UNITS

WRITTEN, ANALYTICAL, CRITICAL THINKING SKILLS 6 UNITS

ENG 1106 Composition I (WI)
ENG 2206 Composition II (WI)

QUANTITATIVE AND TECHNOLOGICAL SKILLS 6 UNITS

IST 1010 Introduction to Information Systems
MTH 1109 College Algebra

LANGUAGE STUDIES 6 UNITS

Students must have credit for a foreign language or must take up to a

two-course foreign language sequence of one language.

USIU-Africa offers courses in Arabic, French, Japanese, Spanish, Swahili and Chinese.

COMMUNITY SERVICE OR COMMUNITY PROJECT 3 UNITS

CMS 3700 Community Service

THE SENIOR EXPERIENCE 3 UNITS

The Senior Experience is required for each undergraduate degree program.

SEN 4800 Integrated Senior Seminar

GENERAL EDUCATION ELECTIVES

Students must select two courses from the lists below; one from the School of Humanities & Social Sciences and another from the Chandaria School of Business.

Note: One course may not be used to fulfill requirements for two different areas:-

SCHOOL OF HUMANITIES & SOCIAL SCIENCES ELECTIVES

SOC 2201 Introduction to Sociology
PHL 3310 Ethics and Value Theory

CHANDARIA SCHOOL OF BUSINESS LIST OF ELECTIVES

ENT 1010 Introduction to Entrepreneurship
BUS 4090 Strategic Management

CORE COURSES

303.5 UNITS

PRE-CLINICAL CORE COURSES

138 UNITS

BCM 1341	Cellular Biology	3 Units
BCM 1342	Biochemistry of Biomolecules	4.5 Units
BCM 1343	Metabolic Processes & Disorders	4.5 Units
BCM 2344	Biochemistry of Specialized Tissues	4.5 Units
BCM 2345	Enzymology	3 Units
BCM 2346	Molecular Biology	3 Units
BCM 3347	Introduction to Pharmaceutical Biotechnology	3 Units
BOT 3351	Botanical Techniques	7.5 Units
CHE 1301	Inorganic Chemistry	7.5 Units
CHE 2302	Physical & Nuclear Chemistry	7.5 Units
CHE 2303	Organic Chemistry	4.5 Units
CHE 2304	Chromatographic & Voltametric Methods	4.5 Units
ENV 2001	Sustainable Resource Management	3 Units
HAN 1321	Human Anatomy I	4.5 Units
HAN 1322	Human Anatomy II	4.5 Units
HAN 1323	Human Anatomy III	4.5 Units
HSC 2391	Health Economics	3 Units
MIC 2361	Bacteriology and Mycology	4.5 Units
MIC 2362	Parasitology and Entomology	4.5 Units
MIC 2363	Virology and Immunology	3 Units
NSC 2215	Introduction to Physical Mechanics	3 Units
PAT 3371	General Pathology	3 Units
PAT 3372	Haematology	4.5 Units
PAT 3373	Clinical Chemistry	4.5 Units
PHY 1331	Introduction to Medical Physiology	3 Units
PHY 1332	Muscle and Sensory Physiology	4.5 Units
PHY 1333	Respiratory and Gastrointestinal Physiology	4.5 Units
PHY 2334	Cardiovascular & Renal Physiology	4.5 Units
PHY 2335	Endocrine and Reproductive Physiology	3 Units
PHY 2336	Nervous and Sensory Physiology	4.5 Units

