



جامعة شرق إفريقيا
EAST AFRICA UNIVERSITY

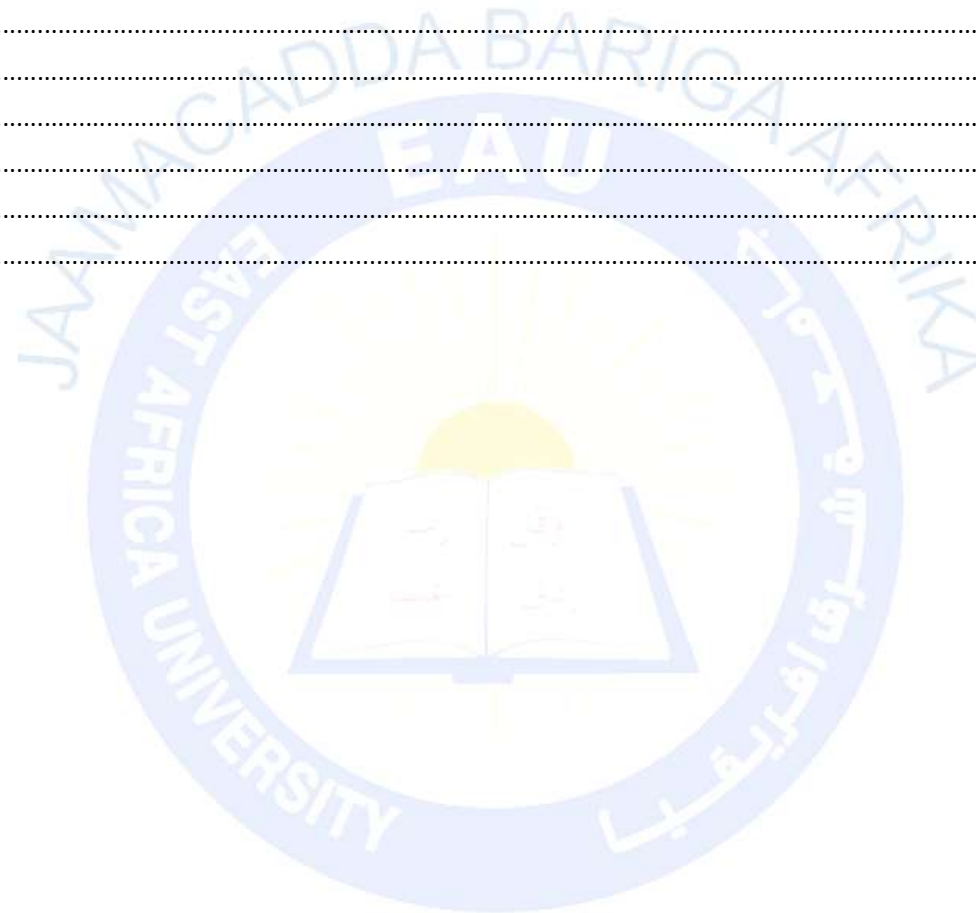


**Department of Curriculum and Development
Office of Academic Affairs**

**FACULTY OF MEDICINE AND HEALTH SCIENCE
PROGRAM PLANS
June 2021**

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**Department of Curriculum and Development
Office of Academic Affairs**

This curriculum plan has been officially approved by the delegates of all East Africa University Branches after reviewing and revising it between 08-11 August 2020 then again revised and reviews between 26-28 June 2021.

Part of our curriculum development policy is to review every two years, starting from the year June 2021.



Prof Abdirizak Mohamud Takar, PhD
Rector
East Africa University



Prof Abdisalam Issa-Salwe, PhD
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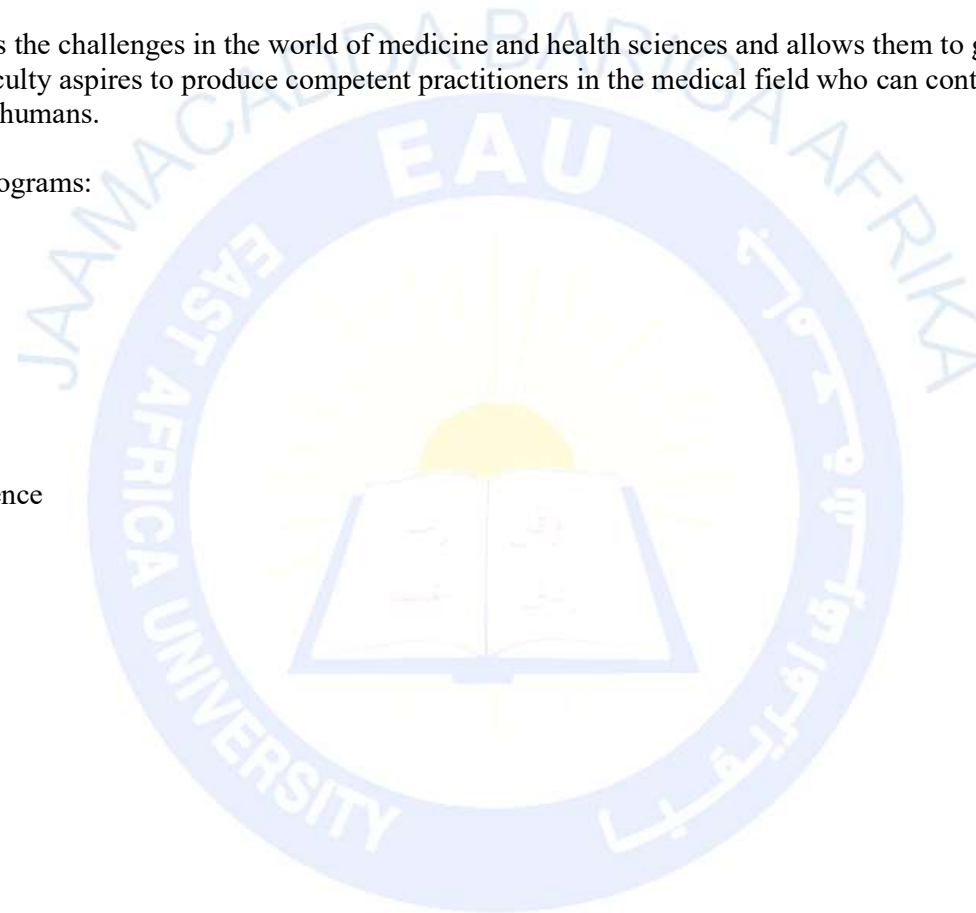
Faculty of Medicine and Health Sciences

The Faculty of Medicine and Health Sciences is designed to enable innovation, excellence and strategic vision in teaching, research and clinical practice. We are committed to making changes and advancements to ensure our medical and health disciplines are positioned to address the important challenges of healthcare in the 21st century.

The faculty prepares the students the challenges in the world of medicine and health sciences and allows them to get a promising career in the short and long Semester. The faculty aspires to produce competent practitioners in the medical field who can contribute and innovate the lives of the nation's citizens and overall humans.

The faculty has the following programs:

1. MBBS Medicine
2. BDS Dentistry
3. BSc Clinical Officer
4. BSc Nursing
5. BSc Midwifery
6. BSc Medical Laboratory
7. BSc Pharmacology
8. BSc Nutrition and Food Science
9. BSc Public Health





East Africa University

جامعة شرق أفريقيا

MBBS Medicine

Semester One	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	ENG-101	English Language Skills	3	0	3	---
	2	MTH-101	Mathematics I	3	0	3	---
	3	BIO-101	General Biology	3	0	3	---
	4	PHY-101	General Physics	3	0	3	---
	5	CIS-101	Computer Application	3	2	4	---
	6	Block MED-101	Introduction to Histology and Anatomy	4	2	5	---
							21
Session Engagement 1		Topics selected from the tutorial sessions		0	2	0	---
Total Credit Units						21	
Semester Two	No.	Course #	Course Title	Lecture Units	Lab Units	Credit Units	Prerequisite
	1	ENG-102	Medical English and Composition	3	0	3	ENG-101
	2	MED-104	Physiology I	3	0	3	---
	3	CHM-101	Chemistry	3	2	4	---
	4	HSM-217	Primary Health Care	3	2	4	---
	5	HSM-113	First Aid and Emergency Care Practice	0	2	1	---
	6	Block MED-146	Growth and Development (Embryology)	5	2	6	MED-101
							21
Session Engagement 2		Topics selected from the tutorial sessions		0	2	0	---
Total Credit Units						21	

Semester Three	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite	
	1	ENG-103	Communication Skills	3	0	3	ENG-102	
	2	CHM-102	Organic Chemistry I	3	0	3	CHM-101	
	3	HSM-321	Fundamentals of Pathology	3	0	3	---	
	4	MTH-213	Probability and Biostatistics	3	0	3	MTH-101	
	5	Block MED-227	Physiology II	3	3	5	MED-104	
	6	MED-229	Human and Environment	3	3	5	MED-104	
							22	
	Session Engagement 3		Topics selected from the tutorial sessions		0	2	0	---
	Total Credit Units						22	

Semester Four	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite	
	1	ARB-101	Arabic Language	3	0	3	---	
	2	ENG-104	Technical Writing	3	0	3	ENG-103	
	3	CHM-103	Biochemistry I	3	2	4	CHM-102	
	4	HSM-322	Epidemiology I	3	0	3	---	
	5	PHM-102	Introduction to Pharmacology	3	0	3	---	
	6	Block MED-232	Musculoskeletal System	3	2	4	MED-101	
							20	
	Session Engagement 4		Topics selected from the tutorial sessions		0	2	0	---
	Total Credit Units						20	

Semester Five	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite	
	2	ISL-101	دراسات إسلامية: القيم والأخلاق الإسلامية	3	0	3	--	
	3	BIO-102	Microbiology I	3	0	3	BIO-101	
	4	HSM-418	Introduction to Health Psychology	3	0	3	---	
	5	Block	MED-341	Respiratory System	4	2	5	MED-227
			MED-343	Cardiovascular System	4	2	5	MED-227
							19	
	Session Engagement 5		Topics selected from the tutorial sessions		0	2	0	---
Total Credit Units						19		

Semester Six	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite	
	1	ISL-102	دراسات إسلامية: العقيدة والعبادة	3	0	3	--	
	2	CIS-112	Health Information Systems	3	0	3	---	
	3	HSM-316	Communicable and Non-Communicable Diseases	3	0	3	---	
	4	Block	MED-354	Gastrointestinal System	4	3	6	---
			MED-356	Hepatobiliary System	4	2	5	MED-101
							20	
	Session Engagement 6		Topics selected from the tutorial sessions		0	2	0	---
Total Credit Units						20		

Semester Seven	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite	
	1	SOM-101	Somali Culture and History	3	0	3	SOM-101	
	2	HSM-317	Clinical Leadership and Management	3	0	3	HSM-316	
	3	MED-434	Basic Radiology	3	0	3	---	
	4	Block	MED-457	Principles of Haematology	3	2	4	HSM-321
			MED-459	Endocrinology	4	2	5	MED-104
							18	
	Session Engagement 7		Topics selected from the tutorial sessions		0	2	0	---
	Total Credit Units						18	

Semester Eight	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite	
	1	MED-462	Medical Ethics and Professional	2	0	2	---	
	2	Block	MED-444	Central Nervous System	5	3	7	MED-101
	3	Block	MED-458	Genital System	3	2	4	MED-101
			MED-459	Urinary System	5	2	6	MED-101
							19	
	Session Engagement 8		Topics selected from the tutorial sessions		0	2	0	---
Total Credit Units						19		

Unit Check Point						160	
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Year 5A	No.	Course #	Course Title	Prac Hours	Credit Units	Prerequisite Crd Units
	1	MED-511	Pediatric Block	20	10	160
	2	MED-513	Ophthalmology	5	2.5	160
	3	MED-515	Psychiatry	5	2.5	160
	4	MED-517	Community Medicine I	3	1.5	160
Total Credit Units					16.5	
Year 5B	No.	Course #	Course Title	Prac Hours	Credit Units	Prerequisite Crd Units
	1	MED-522	Gynecology and Obstetrics	20	10	160
	2	MED-524	Community Medicine II	3	1.5	160
	3	MED-526	Dermatology	5	2.5	160
	4	MED-528	Orthopedics and Traumatology	5	2.5	160
Total Credit Units					16.5	
Year 6A	No.	Course #	Course Title	Prac Hours	Credit Units	Prerequisite Crd Units
	1	MED-611	Surgery and Anesthesiology	25	12.5	160
	2	MED-613	Forensic Medicine	5	2.5	160
	3	MED-615	Research Methodology	5	2.5	160
Total Credit Units					17.5	
Year 6B	No.	Course #	Course Title	Prac Hours	Credit Units	Prerequisite Crd Units
	1	MED-622	Internal Medicine	25	12.5	160
	2	MED-624	Ear, Nose and Throat (ENT)	5	2.5	160
	3	MED-692	Graduation Project	5	2.5	160
Total Credit Units					17.5	
Accumulative Total Credit Hours					228	



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BDS Dentistry

Semester One	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	ENG-101	English Language Skills I	3	0	3	---
	2	MTH-101	Mathematics I	3	0	3	---
	3	BIO-101	General Biology	3	0	3	---
	4	PHY-101	General Physics	3	0	3	---
	5	DEN-102	Introduction to Dentistry	3	0	3	---
	6	HSM-101	Fundamentals of Anatomy and Physiology I	3	2	4	---
							19
Session Engagement 1		Session selected from the topic		0	2	0	---
Total Credit Units						19	

Semester Two	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	ENG-112	Medical English and Composition	3	0	3	ENG-101
	2	CHM-101	Chemistry	3	2	4	---
	3	CIS-201	Computer Application	3	0	3	---
	4	HSM-102	Fundamentals of Anatomy and Physiology II	3	2	4	---
	5	NTR-101	Introduction to Nutrition and Food Science	3	0	3	---
	6	HSM-217	Primary Health Care	3	0	3	---
	7	HSM-103	First Aid and Emergency Care Practice	0	2	1	---
						21	
Session Engagement 2		Session selected from the topic		0	2	0	---
Total Credit Units						21	

Semester Three	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	ENG-103	Communication Skills	3	0	3	---
	2	CHM-102	Organic Chemistry	3	0	3	CHM-101
	3	MTH-213	Probability and Biostatistics	3	0	3	MTH-101
	4	HSM-106	Introduction to Community Medicine	3	0	3	HSM-102
	5	DEN-211	Oral Pathology I	3	2	4	DEN-102
	6	DEN-223	Oral Anatomy and Histology	3	2	4	DEN-102
						20	
Session Engagement 3	Session selected from the topic			0	2	0	---
Total Credit Units						20	

Semester Four	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	ARB-101	Arabic Language	3	0	3	---
	2	ENG-104	Technical Writing	3	0	3	ENG-103
	3	PHM-103	Introduction to Pharmacology	3	0	3	---
	4	CHM-103	Biochemistry I	3	0	3	CHM-101
	5	DEN-232	Oral Pathology II	3	2	4	DEN-211
	6	DEN-234	Dental Material	3	2	4	---
						20	
Session Engagement 4	Session selected from the topic			0	2	0	---
Total Credit Units						20	

Semester Five	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	ISL-101	دراسات إسلامية: القيم والأخلاق الإسلامية	3	0	3	--
	2	CIS-112	Health Information Systems	3	0	3	---
	3	HSM-418	Introduction to Health Psychology	3	0	3	---
	4	BIO-104	Microbiology and Immunology I	3	2	4	BIO-101
	5	DEN-333	Operative Dentistry I	3	2	4	DEN-234
	6	DEN-335	Head and Neck Anatomy	3	0	3	---
							20
Session Engagement 5	Session selected from the topic			0	2	0	
Total Credit Units						20	
Semester Six	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	ISL-102	دراسات إسلامية: العقيدة والعبادة	3	0	3	---
	2	DEN-340	Oral Surgery I	3	0	3	DEN-232
	3	DEN-342	Oral Radiology	3	2	4	DEN-211
	4	DEN-344	Operative Dentistry II	3	2	4	BIO-104
	5	DEN-336	Anesthesiology	3	2	4	DEN-234
	6	DEN-338	Prosthodontics I	3	2	4	DEN-333
							19
Session Engagement 6	Session selected from the topic			0	2	0	
Total Credit Units						19	

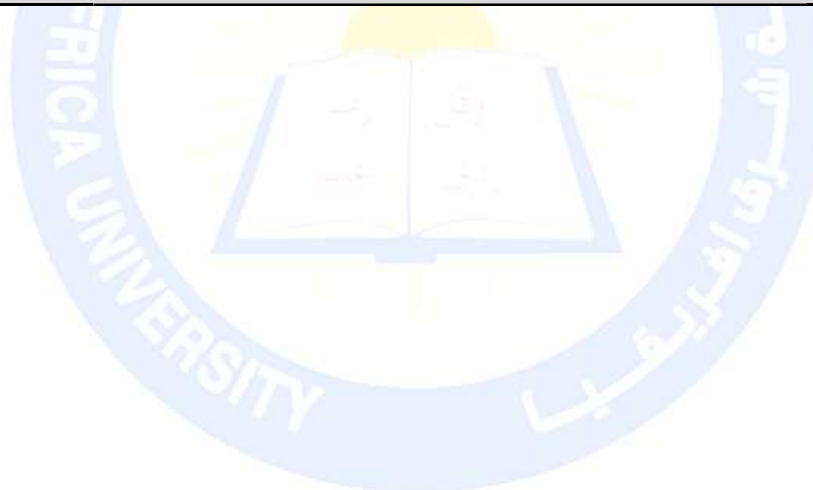
Semester Seven	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	SOM-101	Somali Culture and History I	3	0	3	---
	2	DEN-431	Prosthodontics II	3	2	4	DEN-338
	3	DEN-433	Oral Surgery II	3	0	3	DEN-340
	4	DEN-435	Endodontics	3	2	4	---
	5	DEN-427	Periodontology	3	0	3	---
	6	DEN-471	Clinical Dentistry I	0	3	3	---
							20
Session Engagement 7		Session selected from the topic		0	2	0	
Total Credit Units						20	

Semester Eight	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	DEN-430	Dental Pharmacology	3	0	3	---
	2	DEN-440	Prosthodontic III	3	2	4	DEN-234
	3	DEN-442	Oral Medicine	3	0	3	---
	4	DEN-444	Pediatric Dentistry	3	0	3	DEN-102
	5	DEN-446	Forensic Dentistry	3	0	3	DEN-102
	6	DEN-472	Clinical Dentistry II	0	3	3	DEN-471
							19
Session Engagement 8		Session selected from the topic		0	2	0	
Total Credit Units						19	

Semester Nine	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	DEN-576	Research Methodology	3	0	3	----
	2	MED-562	Medical Ethics and Profession	2	0	2	----
	3	DEN-521	Orthodontics I	3	2	4	DEN-440
	4	DEN-573	Clinical Dentistry III	0	3	3	DEN-472
	5	DEN-100	Elective 1	3	0	3	See electives
	6	DEN-200	Elective 2	3	0	3	See electives
							18
Session Engagement 9		Session selected from the topic		0	2	0	
Total Credit Units						18	

Semester Ten	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	DEN-536	Orthodontics II	3	0	3	
	2	DEN-538	Principles of Medicine	3	0	3	DEN-102
	3	DEN-574	Clinical Dentistry IV	0	3	3	DEN-573
	4	DEN-578	Graduation Project	0	3	3	DEN-576
	5	DEN-300	Elective 3	3	0	3	See electives
	6	DEN-400	Elective 4	3	0	3	See electives
							18
Session Engagement 10		Session selected from the topic		0	2	0	
Total Credit Units						18	
Accumulative Total Credit Hours						194	

Elective Courses							
Elective Courses	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	DEN-581	Oral Diagnosis and Treatment	3	0	3	----
	2	DEN-582	Current Trends in Dentistry	3	0	3	----
	3	DEN-583	Orthodontic Seminar	3	0	3	----
	4	DEN-584	Pediatric Dentistry Seminar	3	0	3	----
	5	DEN-585	Prosthodontics Seminar	3	0	3	----
	6	DEN-586	Operative Dentistry Seminar	3	0	3	----
	7	DEN-587	Oral Surgery Seminar	3	0	3	----
	8	DEN-588	Community Dentistry	3	0	3	----
	9	DEN-589	Implant Dentistry	3	0	3	----
	10	DEN-591	Special Topics in Dentistry	3	0	3	----





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BSc Nursing

Semester One	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite	
	1	ENG-101	English Language Skills	3	0	3	---	
	2	MTH-101	Mathematics I	3	0	3	---	
	3	BIO-101	General Biology	3	0	3	---	
	4	PHY-101	Physics	3	0	3	---	
	5	HSM-101	Fundamentals of Anatomy and Physiology I	3	2	4	---	
	6	NRS-101	Fundamentals of Nursing	3	0	3	---	
							19	
	Engagement Session 1		Session selected from the topic		0	2	0	
Total Credit Units						19		
Semester Two	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite	
	1	ARB-101	Arabic Language	3	0	3	---	
	2	ENG-102	Medical English	3	0	3	ENG-101	
	3	CHM-101	Chemistry	3	2	4	---	
	4	CIS-101	Computer Application	3	2	4	---	
	5	HSM-102	Fundamentals of Anatomy and Physiology II	3	2	4	HSM-101	
	6	HSM-104	Cytology and Histology	3	0	3	HSM-101	
	7	HSM-113	First Aid and Emergency Care Practice	0	2	1	---	
							22	
Engagement Session 2		Session selected from the topic		0	2	0		
Total Credit Units						22		

Semester Three	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	ISL-101	دراسات إسلامية: القيم والأخلاق الإسلامية	3	0	3	--
	2	ENG-103	Communication Skills	3	0	3	ENG-102
	3	MTH-213	Probability and Biostatistics	3	0	3	MTH-101
	4	CHM-103	Biochemistry I	3	0	3	---
	5	BIO-104	Microbiology and Immunology	3	0	3	---
	6	HSM-212	Fundamentals of Pathology	3	0	3	---
							18
Engagement Session 3		Session selected from the topic		0	2	0	
Total Credit Units						18	

Semester Four	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	ISL-102	دراسات إسلامية: العقيدة والعبادة	3	0	3	--
	2	ENG-104	Technical Writing	3	0	3	ENG-103
	3	NRS-232	Nutrition in Health and Illness.	3	0	3	CHM-101
	4	NUR-236	Medical and Surgical Nursing I	3	0	3	---
	5	HSM-319	Introduction to Embryology	3	0	3	---
	6	HSM-316	Communicable and Non-Communicable Diseases.	3	2	4	---
							22
Engagement Session 4		Session selected from the topic		0	2	0	---
Total Credit Units						22	

Semester Five	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	SOM-101	Somali Culture and History	3	0	3	---
2	CIS-112	Health Information Systems	3	0	3	---	
3	HSM-220	Fundamentals of Epidemiology	3	0	3	---	
4	HSM-105	Principles of Health Education	3	0	3	HSM-317	
5	NUR-324	Medical and Surgical Nursing II	3	0	3	---	
6	NUR-326	Obstetrics and Gynecology I	3	0	3	---	
						18	
Engagement Session 5		Session selected from the topic		0	2	0	---
Total Credit Units						18	

Semester Six	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	HSM-317	Clinical Leadership and Management	3	0	3	---
2	NUR-314	Drug Administration	3	0	3	---	
3	NUR-310	Pediatric Nursing I	3	0	3	---	
4	NUR-312	Pathophysiology	3	0	3	--	
5	NUR-316	Community Nursing and Public Health	3	0	3	---	
6	NUR-318	Sexual and Reproductive Health	3	0	3	---	
						18	
Engagement Session 6		Session selected from the topic		0	2	0	---
Total Credit Units						18	

Semester Seven	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	MED-476	Research Methodology	3	0	3	---
	2	MED-464	Health and Professional Ethics	2	0	2	---
	3	HSM-109	Health Assessment.	3	0	3	---
	4	NRS-413	Pediatric Nursing II	3	0	3	NUR-318
	5	NRS-415	Preoperative Nursing	3	0	3	---
	6	NRS-417	Obstetrics and Genecology II	3	0	3	---
							17
Engagement Session 7	Session selected from the topic			0	2	0	---
Total Credit Units						17	
Semester Eight	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	NUR-492	Graduation Project	0	3	3	MED-476
	2	NUR-442	Nursing Management of Patients with Critical Problems	3	0	3	---
	3	NUR-444	Community Counseling	3	0	3	---
	4	NUR-478	Clinical Attachment /Field Training	0	3	3	100 Crd units
	5	NUR-300	Elective 1	3	0	3	See electives
	6	NUR-400	Elective 2	3	0	3	See electives
							18
Engagement Session 8	Session selected from the topic			0	2	0	---
Total Credit Units						18	
Accumulative Total Credit Hours						149	

Elective Courses							
Elective Courses	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	HSM-413	Orthopedics and Physiotherapy	3	0	3	---
	2	SOC-101	ENT	3	0	3	---
	3	NUR-480	Human Growth and Development	3	0	3	---
	4	NUR-483	Cancer, Palliative and Critical Care	3	0	3	---
	5	NUR-484	Diet Therapy	3	0	3	---
	6	NUR-485	Adult Care and Family Health	3	0	3	---
	7	NUR-486	Psychiatry and Mental Health	3	0	3	---
	8	NUR-488	Introduction to Assistive Technology	3	0	3	---
	9	NUR-489	Aging and Public Policy Issues	3	0	3	---
	10	NUR-491	Special Topics in Nursing	3	0	3	---





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BSc Clinical Officer

Semester One	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	ENG-101	English Language Skills	3	0	3	---
	2	MTH-101	Mathematics I	3	0	3	---
	3	BIO-101	General Biology	3	0	3	---
	4	PHY-101	General Physics	3	0	3	---
	5	HSM-101	Fundamentals of Anatomy and Physiology I	3	2	4	---
	6	CLO-101	Introduction to Clinical Officer	3	0	3	---
						19	
Session Engagement 1		Session selected from the topic		0	2	0	---
Total Credit Units						19	

Semester Two	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	ARB-101	Arabic Language	3	0	3	---
	2	ENG-102	Medical English	3	0	3	ENG-101
	3	CHM-101	Chemistry	3	2	4	---
	4	CIS-101	Computer Application	3	2	4	---
	5	HSM-102	Fundamentals of Anatomy and Physiology II	3	2	4	HSM-101
	6	HSM-104	Cytology and Histology	3	2	4	HSM-101
	7	HSM-113	First Aid and Emergency Care Practice	0	2	1	---
						23	
Session Engagement 2		Session selected from the topic		0	2	0	---
Total Credit Units						23	

Semester Three	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	ISL-101	دراسات إسلامية: القيم والأخلاق الإسلامية	3	0	3	--
	2	ENG-103	Communication Skills	3	0	3	ENG-102
	3	MTH-213	Probability and Biostatistics	3	0	3	MTH-101
	4	HSM-212	Fundamentals of Pathology	3	0	3	---
	5	CHM-103	Biochemistry I	3	0	3	BIO-101
	6	BIO-104	Microbiology and Immunology	3	0	3	PHY-101
							18
Session Engagement 3		Session selected from the topic		0	2	0	---
Total Credit Units						18	

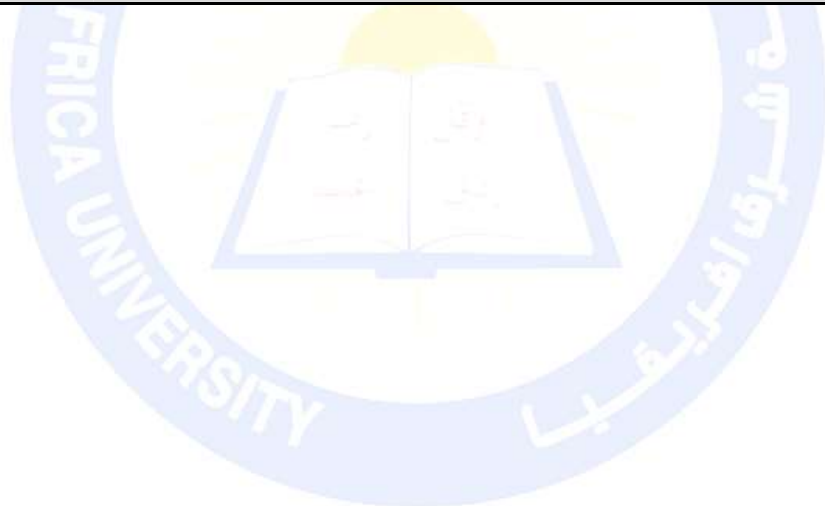
Semester Four	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	ISL-102	دراسات إسلامية: العقيدة والعبادة	3	0	3	--
	2	ENG-104	Technical Writing	3	0	3	ENG-103
	3	HSM-418	Introduction to Health Psychology and Sociology	3	0	3	CHM-101
	4	PHM-101	Introduction to Pharmacology	3	0	3	HSM-101
	5	HSM-316	Communicable and Non-communicable Diseases	3	0	3	---
	6	HSM-322	Fundamental of Epidemiology	3	0	3	---
							18
Session Engagement 4		Session selected from the topic		0	2	0	---
Total Credit Units						18	

Semester Five	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	SOM-101	Somali Culture and History	3	0	3	---
	2	CIS-112	Health Information Systems	3	0	3	---
	3	HSM-105	Principles of Health Education	3	0	3	---
	4	CLO-311	Paediatric and Child Health I	3	0	3	HSM-101
	5	HSM-315	Introduction to Genetics and Embryology	3	2	4	---
	6	HSM-216	Foundations of Internal Medicine I	3	0	3	HSM-102
							19
Session Engagement 5		Session selected from the topic		0	2	0	---
Total Credit Units						19	

Semester Six	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	CLO-312	Clinical Skills	0	3	2	---
	2	CLO-314	Nutrition Policy	3	0	3	---
	3	HSM-211	Ear, Nose and Throat	3	0	3	HSM-102
	4	HSM-214	Psychiatry	3	0	3	---
	5	HSM-215	General Surgery and Anastasia I	3	0	3	---
	6	HSM-318	Obstetrics and Gynecology I	3	2	4	HSM-102
							18
Session Engagement 6		Session selected from the topic		0	2	0	---
Total Credit Units						18	

Semester Seven	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	MED-476	Research Methodology	3	0	3	---
	2	MED-464	Health and Professional Ethics	2	0	2	---
	3	HSM-313	Foundations of Internal Medicine II	3	0	3	HSM-216
	4	HSM-424	Obstetrics and Gynecology II	3	0	3	HSM-318
	5	HSM-423	General Surgery Anesthesia II	3	2	4	HSM-215
	6	HSM-425	Pediatric and Child Health II	3	2	4	CLO-311
							19
Session Engagement 7		Session selected from the topic		0	2	0	---
Total Credit Units						19	
Semester Eight	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	MED-476	Graduate Project	3	0	3	---
	2	HSM-414	Clinical Attachment / Field Training	3	2	4	HSM-318
	3	CLO-478	Ophthalmology	0	3	3	MED-476
	4	CLO-492	Community Medicine	0	3	3	100 Card units
	5	CLO-100	Elective 1	3	0	3	See electives
	6	CLO-200	Elective 2	3	0	3	See electives
							19
Session Engagement 8		Session selected from the topic		0	2	0	---
Total Credit Units						19	
Accumulative Total Credit Hours						153	

Elective Courses							
Elective Courses	No.	Course #	Course Title	Lecture Hours	Lab Units	Credit Units	Prerequisite
	1	HSM-213	Introduction to Dermatology	3	0	3	---
	2	HSM-218	Clinical Leadership and Management	3	0	3	---
	3	HSM-314	Neurology	3	0	3	---
	4	HSM-320	Forensic Medicine and Toxicology	3	0	3	---
	5	HSM-321	Nutrition	3	0	3	---
	6	HSM-416	Health Sciences and Technology	3	0	3	---
	7	CLO-481	Nuclear Medicine	3	0	3	---
	8	CLO-482	Clinical Lab Methods	3	0	3	---
	9	CLO-483	Principles of Medical Imaging	3	0	3	---
	10	CLO-891	Special Topics in Clinical Officer	3	0	3	---





East Africa University

جامعة شرق أفريقيا

BSc Midwifery

Semester One	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	ENG-101	English Language Skills	3	0	3	---
	2	MTH-101	Mathematics I	3	0	3	---
	3	BIO-101	Biology	3	0	3	---
	4	PHY-101	General Physics	3	0	3	---
	5	HSM-101	Fundamentals of Anatomy and Physiology I	3	2	4	---
	6	MDW-101	Introduction to Clinical Midwifery	3	0	3	---
							19
Session Engagement 1		Topics selected from the tutorial sessions		0	2	0	---
Total Credit Units						19	
Semester Two	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	ARB-101	Arabic Language	3	0	3	---
	2	ENG-102	Medical English and Technical Composition	3	0	3	ENG-101
	3	CHM-101	Chemistry	3	2	4	---
	4	CIS-101	Computer Application	3	2	4	---
	5	HSM-102	Fundamentals of Anatomy and Physiology II	3	2	4	HSM-101
	6	HSM-104	Cytology and Histology	3	0	3	HSM-101
	7	HSM-113	First Aid and Emergency Care Practice	0	2	1	HSM-104
						22	
Session Engagement 2		Topics selected from the tutorial sessions		0	2	0	---
Total Credit Units						22	

Semester Three	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	ISL-101	دراسات إسلامية: القيم والأخلاق الإسلامية	3	0	3	---
2	ENG-103	Communication Skills	3	0	3	ENG-102	
3	MTH-213	Probability and Biostatistics	3	0	3	MTH-101	
4	CHM-103	Biochemistry I	3	0	3	CHM-101	
5	BIO-104	Microbiology and Immunology	3	0	3	---	
6	HSM-212	Fundamentals of Pathology	3	0	3	---	
						18	
Session Engagement 3		Topics selected from the tutorial sessions		0	2	0	---
Total Credit Units						18	

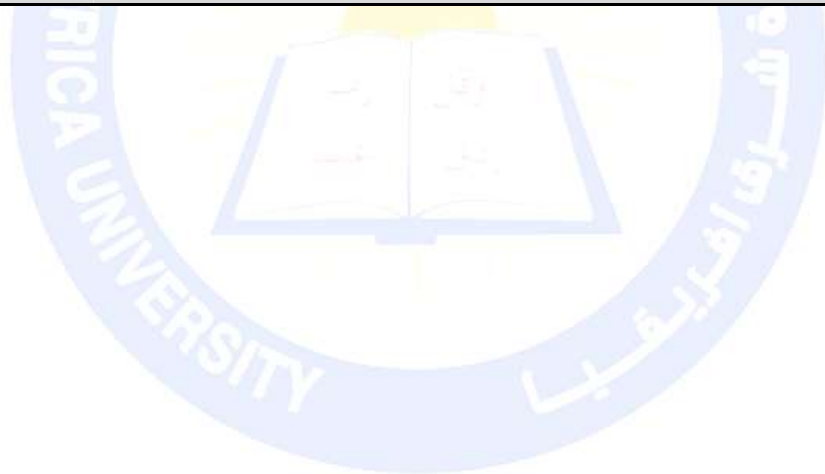
Semester Four	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	ISL-102	دراسات إسلامية: العقيدة والعبادة	3	0	3	---
2	ENG-104	Technical Writing	3	0	3	ENG-103	
3	PHM-101	Introduction to Pharmacology	3	0	3	---	
4	HSM-316	Communicable and Non Communicable Disease	3	0	3	---	
5	MDW-222	Core Skills of Midwives	3	0	3	---	
6	MDW-224	Health Antenatal and Postnatal Care Woman and Newborn	3	0	3	---	
						18	
Session Engagement 4		Topics selected from the tutorial sessions		0	2	0	---
Total Credit Units						18	

Semester Five	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	SOM-101	Somali Culture and History	3	0	3	---
	2	CIS-112	Health Information Systems	3	0	3	---
	3	NTR-432	Nutrition in Life Cycle	3	0	3	HSM-102
	4	HSM-220	Fundamentals of Epidemiology	3	0	3	HSM-102
	5	HSM-324	Principles of Health Education	3	0	3	CHM-103
	6	HSM-418	Introduction to Health Psychology and Sociology	3	0	3	---
							18
Session Engagement 5		Topics selected from the tutorial sessions		0	2	0	---
Total Credit Units						18	
Semester Six	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	MDW-330	Care of Woman and Newborn with Complications	3	0	3	BIO-101
	2	MDW-332	Normal Labor and Birth	3	0	3	--
	3	MDW-334	Critical and High Dependency Midwifery	3	0	3	
	4	MDW-336	Woman's Health and Early Pregnancy	3	0	3	--
	5	MDW-338	Child Spacing	3	0	3	HSM-102
	6	MDW-340	Complications in Pregnancy	3	0	3	---
							18
Session Engagement 6		Topics selected from the tutorial sessions		0	2	0	
Total Credit Units						18	

Semester Seven	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	MDW-476	Research Methodology	3	0	3	---
	2	MED-464	Health and Professional Ethics	2	0	2	
	3	HSM-317	Clinical Leadership and Management	3	0	3	See electives
	4	HSM-428	Introduction to Community and Environmental Health	3	0	3	---
	5	MDW-421	Complications in Labor and Birth	3	0	3	MDW-101
	6	MDW-423	Professional Issues in Midwifery	3	0	3	---
							17
Session Engagement 7		Topics selected from the tutorial sessions		0	2	0	
Total Credit Units						17	

Semester Eight	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	MDW-432	Mental Health and Illness in Childbearing Woman	3	0	3	---
	2	MDW-434	Practical Session in Clinical Setting	3	0	3	100 Crd Units
	3	MDW-492	Graduation Project	0	3	3	MDW-476
	4	CLO-478	Clinical Attachment/ Field Training	0	3	3	100 Card units
	5	MDW-100	Elective 1	3	0	3	See electives
	6	MDW-200	Elective 2	3	0	3	See electives
							18
Session Engagement 8		Topics selected from the tutorial sessions		0	2	0	---
Total Credit Units						18	
Accumulative Total Credit Hours						148	

Elective Courses							
Elective Courses	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	HSM-316	Sexually Transmitted Infections, HIV and AIDS	3	0	3	---
	2	HSM-317	Clinical Leadership and Management	3	0	3	---
	3	HSM-320	Health Economic	3	0	3	---
	4	HSM-321	Counseling skills for Midwifery	3	0	3	---
	5	HSM-412	Primary Health care	3	0	3	---
	6	HSM-415	Health Sciences and Technology	3	0	3	---
	7	MDW-481	Management and Human Resources in Healthcare	3	0	3	---
	8	MDW-482	Mental Health Issues in Public Health	3	0	3	---
	9	MDW-484	Human Diseases and Disorders.	3	0	3	---
	10	MDW-491	Special Topics in Midwifery	3	0	3	---





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جامعة شرق أفريقيا

BSc Nutrition and Food Science

Semester One	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Hours	Prerequisite
	1	ENG-101	English Language Skills	3	0	3	---
	2	MTH-101	Mathematics I	3	0	3	---
	3	BIO-101	General Biology	3	0	3	---
	4	PHY-101	General Physics	3	0	3	---
	5	HSM-101	Fundamentals of Anatomy and Physiology I	3	2	4	---
	6	NTR-101	Introduction to Nutrition and Food Science	3	0	3	---
							19
Session Engagement 1		Topics selected from the tutorial sessions		0	2	0	---
Total Credit Hours						19	
Semester Two	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Hours	Prerequisite
	1	ARB-101	Arabic Language	3	0	3	---
	2	ENG-112	Medical English and Terminology	3	0	3	ENG-101
	3	CHM-101	Chemistry	3	2	4	---
	4	SOC-101	Introduction to Sociology	3	0	3	---
	5	HSM-102	Fundamentals of Anatomy and Physiology II	3	2	4	---
	6	CIS-101	Computer Application	3	0	3	---
	7	HSM-113	First Aid and Emergency Care Practice	0	2	1	CIS-101
						20	
Session Engagement 2		Topics selected from the tutorial sessions		0	2	0	---
Total Credit Hours						20	

Semester Three	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Hours	Prerequisite
	1	ISL-101	دراسات إسلامية: القيم والأخلاق الإسلامية	3	0	3	--
	2	ENG-103	Communication Skills	3	0	3	ENG-102
	3	MTH-213	Probability and Biostatistics	3	0	3	MTH-101
	4	NTR-211	Dietetics I	3	0	3	NTR-101
	5	NTR-213	Food Microbiology	3	0	3	---
	6	CHM-103	Biochemistry I	3	0	3	---
							18
Session Engagement 3		Topics selected from the tutorial sessions		0	2	0	---
Total Credit Hours						18	

Semester Four	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Hours	Prerequisite
	1	ISL-102	دراسات إسلامية: العقيدة والعبادة	3	0	3	--
	2	MTH-214	Advanced Probability and Biostatistics	3	0	3	MTH-213
	3	HSM-316	Communicable and Non-Communicable Diseases	3	0	3	---
	4	HSM-322	Epidemiology I	3	0	3	---
	5	PHM-101	Introduction to Pharmacology	3	0	3	---
	6	NTR-224	Dietetics II	3	0	3	NTR-211
							18
Session Engagement 4		Topics selected from the tutorial sessions		0	2	0	
Total Credit Hours						18	

Semester Five	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Hours	Prerequisite
	1	SOM-101	Somali Culture and History	3	0	3	---
	2	CIS-112	Health Information Systems	3	0	3	---
	3	HSM-325	Epidemiology II	3	0	3	HSM-322
	4	NTR-311	Introduction to Environmental Health	3	0	3	---
	5	NTR-313	Family Meal Planning and Management	3	0	3	HSM-322
	6	NTR-315	Principles of Health Education and Promotion	3	0	3	---
							18
Session Engagement 5		Topics selected from the tutorial sessions		0	2	0	---
Total Credit Hours						18	

Semester Six	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Hours	Prerequisite
	1	NTR-320	Food Processing and Preservation	3	0	3	--
	2	NTR-322	Nutritional Psychology	3	0	3	--
	3	NTR-324	Nutrition Assessment and Intervention	3	0	3	--
	4	NTR-326	Nutrition Policy	3	0	3	---
	5	NTR-328	Community Nutrition Education	3	0	3	----
	6	NTR-330	Food Quality Assurance and Standards	3	0	3	----
							18
Session Engagement 6		Topics selected from the tutorial sessions		0	2	0	---
Total Credit Hours						18	

Semester Seven	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Hours	Prerequisite
	1	MED-476	Research Methodology	3	0	3	---
	2	MED-464	Health and Professional Ethics	2	0	2	---
	3	NTR-413	Health Economics	3	0	3	---
	4	NTR-415	Entrepreneurship in Nutrition	3	0	3	---
	5	NTR-417	Reproductive Health	3	0	3	See electives
	6	NTR-419	Nutrition in Humanitarian and Emergency Situation	3	0	3	See electives
							17
Session Engagement 7		Topics selected from the tutorial sessions		0	2	0	---
Total Credit Hours						17	

Semester Eight	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Hours	Prerequisite
	1	NTR-432	Nutrition in Life Span	3	0	3	
	2	NTR-434	Nutritional Deficiencies and Related Diseases	3	0	3	---
	3	NTR-492	Graduation Project	0	3	3	MED-476
	4	NRT-478	Clinical/ Field Training	0	3	3	100 Card units
	5	NTR-100	Elective 1	3	0	3	See electives
	6	NTR-200	Elective 2	3	0	3	See electives
							18
Session Engagement 8		Topics selected from the tutorial sessions		0	2	0	---
Total Credit Hours						18	
Accumulative Total Credit Hours						146	

Elective Courses							
Elective Courses	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Hours	Prerequisite
	2	HSM-315	Nutritional Biochemistry	3	0	3	---
	3	HSM-321	Behavioral and Social Science	3	0	3	---
		NTR-480	Nutritional Analysis and Assessment	3	0	3	---
	4	NTR-481	Ecological Aspects of Nutrition	3	0	3	---
	5	NTR-482	Food and Nutrition Security	3	0	3	---
	6	NTR-483	Cultural Perspectives on Food	3	0	3	---
	7	NTR-484	Health Service Management	3	0	3	---
	8	NTR-485	Nutrition Planning, Management and Programmed Emulation	3	0	3	---
	9	NTR-486	Food Hygiene and Safety	3	0	3	---
10	NTR-491	Special Topics in Nutrition and Food Science	3	0	3	---	





East Africa University

جامعة شرق أفريقيا

BSc Public Health

Semester One	No.	Course #	Course Title	Lecture Hours	Lab Units	Credit Units	Prerequisite
	1	ENG-101	English Language Skills	3	0	3	---
	2	PHS-101	General Physics	3	0	3	---
	3	MTH-101	Mathematics I	2	0	3	---
	4	BIO-101	General Biology	3	0	3	---
	5	HSM-101	Fundamentals of Anatomy and Physiology I	3	2	4	---
	6	PUH-101	Introduction to Public Health	3	0	3	---
						19	
Session Engagement 1		Topics selected from the tutorial sessions		0	2	0	---
Total Credit Units						19	

Semester Two	No.	Course #	Course Title	Lecture Units	Lab Units	Credit Units	Prerequisite
	1	ARB-101	Arabic Language	3	0	3	---
	2	ENG-102	Medical English and Composition	3	0	3	ENG-101
	3	CHM-101	Chemistry	3	2	4	---
	4	CIS-101	Computer Application	3	2	4	---
	5	SOC-101	Introduction to Sociology	3	0	3	---
	6	HSM-102	Fundamentals of Anatomy and Physiology II	3	2	4	---
	7	HSM-103	First Aid and Emergency Care Practice	0	2	1	---
						22	
Session Engagement 2		Topics selected from the tutorial sessions		0	2	0	---
Total Credit Units						22	

Semester Three	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	ISL-101	دراسات إسلامية: القيم والأخلاق الإسلامية	3	0	3	--
	2	ENG-103	Communication Skills	3	0	3	ENG-102
	3	MTH-213	Probability and Biostatistics	3	0	3	MTH-112
	4	CHM-103	Biochemistry I	3	2	4	CHM-102
	5	BIO-104	Microbiology and Immunology	3	0	3	---
	6	PUH-224	Introduction to Environmental Health	3	0	3	---
						22	
	Session Engagement 3	Topics selected from the tutorial sessions		0	2	0	---
Total Credit Units						22	

Semester Four	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	ISL-102	دراسات إسلامية: العقيدة والعبادة	3	0	3	--
	2	ENG-104	Technical Writing	3	0	3	ENG-103
	3	CHM-103	Biochemistry I	3	0	3	CHM-101
	4	HSM-322	Epidemiology I	3	0	3	---
	5	PUH-222	Principles of Entomology and Vector Control	3	0	3	MTH-213
	6	HSM-316	Communicable Diseases and Non-Communicable Disease	3	0	3	---
						18	
	Session Engagement 4	Topics selected from the tutorial sessions		0	2	0	---
Total Credit Units						18	

Semester Five	No.	Course #	Course Title	Lecture	Lab	Credit	Prerequisite
				Hours	Hours	Units	
	1	SOM-101	Somali Culture and History	3	0	3	---
	2	CIS-112	Health Information Systems	3	0	3	CIS-101
	3	HSM-418	Introduction to Health Psychology	3	0	3	---
	4	HSM-324	Principles of Health Education and Promotion	3	0	3	---
	5	HSM-325	Epidemiology II	3	0	3	HSM-322
	6	NTR-101	Introduction to Nutrition and Metabolism	3	0	3	--
						18	
	Session Engagement 5	Topics selected from the tutorial sessions		0	2	0	---
	Total Credit Units					18	

Semester Six	No.	Course #	Course Title	Lecture	Lab	Credit	Prerequisite
				Hours	Hours	Units	
	1	BAD-310	Project Planning and Management	3	0	3	BIO-101
	2	BIO-105	Advanced Microbiology and Immunology	3	0	3	--
	3	PUH-320	Waste Management	3	0	3	--
	4	PUH-322	Quality, Health Care and Safety	3	0	3	---
	5	PUH-324	Food Hygiene and Safety	3	0	3	PUH-326
	6	PUH-326	Entomology and Vector Control	3	0	3	--
						18	
	Session Engagement 6	Topics selected from the tutorial sessions		0	2	0	---
	Total Credit Units					18	

Semester Seven	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	PUH-476	Research Methodology	3	0	3	---
	2	MED-464	Health and Professional Ethics	2	0	2	----
	3	PUH-421	Health in Humanitarian and Emergency Situation	3	0	3	---
	4	PUH-423	Health Population Trend and Demography	3	0	3	---
	5	PUH-425	Public Health Policy	3	0	3	---
	6	PUH-427	Health Economic	3	0	3	---
							17
Session Engagement 7		Topics selected from the tutorial sessions		0	2	0	---
Total Credit Units						17	

Semester Eight	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	ISL-104	Graduation Project	3	0	3	PUH-476
	2	PUH-492	Reproductive Health	3	0	3	----
	3	PUH-434	Occupational Health and Safety	3	0	3	----
	4	PUH-486	Clinical /Field Training	3	0	3	100 Crd units
	5	PUH-100	Elective 1	3	0	3	See electives
	6	PUH-200	Elective 2	3	0	3	See electives
							18
Session Engagement 8		Topics selected from the tutorial sessions		0	2	0	---
Total Credit Units						18	
Accumulative Total Credit Units						138	

Elective Courses							
Elective Courses	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	PHM-103	Introduction to Pharmacology	3	0	3	---
	2	HSM-317	Clinical Leadership and Management	3	0	3	---
	3	HSM-321	Behavioral and Social Science	3	0	3	---
	4	PUH-841	Health Services Management	3	0	3	---
	5	PUH-842	Public Health Policy	3	0	3	---
	6	PUH-844	Public Health Laboratory	3	0	3	---
	7	PUH-845	Family Health	3	0	3	---
	8	PUH-846	Global Health	3	0	3	---
	9	PUH-847	Health Economic	3	0	3	---
	10	PUH-891	Special Topics in Public Health	3	0	3	---





East Africa University

جامعة شرق أفريقيا

BSc Medical Laboratory

Semester One	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	ENG-101	English Language Skills	3	0	3	---
	2	MTH-101	Mathematics I	3	0	3	---
	3	PHY-101	Physics	3	0	3	---
	4	BIO-101	General Biology	3	0	3	---
	5	HSM-101	Fundamentals of Anatomy and Physiology I	3	2	4	---
	6	MLB-101	Introduction to Medical Laboratory	3	0	3	---
							19
Session Engagement 1		Topics selected from the tutorial sessions		0	2	0	---
Total Credit Units						19	

Semester Two	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	ARB-101	Arabic Language	3	0	3	---
	2	ENG-102	Medical English and Composition	3	0	3	ENG-101
	3	CHM-101	Chemistry	3	2	4	---
	4	CIS-101	Computer Application	3	2	4	---
	5	HSM-102	Fundamentals of Anatomy and Physiology II	3	2	4	HSM-101
	6	HSM-104	Cytology and Histology	3	0	3	MLB-101
	7	HSM-113	First Aid and Emergency Care Practice	0	2	1	---
						22	
Session Engagement 2		Topics selected from the tutorial sessions		0	2	0	---
Total Credit Units						22	

Semester Three	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	ISL-101	دراسات إسلامية: القيم والأخلاق الإسلامية	3	0	3	--
	2	ENG-103	Communication Skills	3	0	3	ENG-102
	3	MTH-213	Probability and Biostatistics	3	0	3	MTH-101
	4	CHM-103	Biochemistry I	3	0	3	BIO-101
	5	BIO-104	Microbiology and Immunology	3	0	3	---
	6	MLB-303	Biomedical Analysis and Techniques	3	0	3	---
							18
Session Engagement 3		Topics selected from the tutorial sessions		0	2	0	---
Total Credit Units						18	

Semester Four	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	ISL-102	دراسات إسلامية: العقيدة والعبادة	3	0	3	--
	2	ENG-104	Technical Writing	3	0	3	ENG-103
	3	MLB-301	Clinical Urinalysis	3	0	3	---
	4	PHM-101	Introduction to Pharmacology	3	0	3	---
	5	HSM-316	Communicable and Non-Communicable Diseases	3	0	3	---
	6	HSM-322	Fundamentals of Epidemiology	3	0	3	HSM-102
							18
Session Engagement 4		Topics selected from the tutorial sessions		0	2	0	---
Total Credit Units						18	

Semester Five	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite	
	1	SOM-101	Somali Culture and History I	3	0	3	---	
	2	HSM-418	Introduction to Health Psychology	3	0	3	---	
	3	CIS-112	Health Information Systems	3	0	3	---	
	4	CHM-104	Biochemistry II	3	0	3	MLB-301	
	5	BIO-104	Microbiology and Immunology I	3	0	3	BIO-101	
	6	MLB-311	Heamatology and Blood Transfusion I	3	0	3	---	
							18	
	Session Engagement 5	Topics selected from the tutorial sessions			0	2	0	---
Total Credit Units						18		

Semester Six	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite	
	1	BIO-105	Microbiology and Immunology II	3	0	3	BIO-104	
	2	HSM-108	Parasitology and Entomology I	3	0	3	--	
	3	HSM-322	Forensic Medicine and Toxicology	3	0	3	MLB-101	
	4	MLB-322	Health System Management and Economics	3	0	3	---	
	5	MLB-324	Medical Virology	3	0	3	HSM-104	
	6	MLB-326	Heamatology and Blood Transfusion II	3	0	3	MLB-311	
							18	
	Session Engagement 6	Topics selected from the tutorial sessions			0	2	0	---
Total Credit Units						18		

Semester Seven	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	MED-476	Research Methodology	3	0	3	---
	2	MED-464	Health and Professional Ethics	2	0	2	---
	3	MLB-413	Histopathology I	3	0	3	---
	4	MLB-415	Urine and Body Fluids	3	0	3	HSM-102
	5	MLB-100	Elective 1	3	0	3	See electives
	6	MLB-200	Elective 2	3	0	3	See electives
							17
Session Engagement 7		Topics selected from the tutorial sessions		0	2	0	---
Total Credit Units						17	

Semester Eight	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	HSM-105	Principles of Health Education	3	0	3	---
	2	MLB-492	Histopathology II	3	0	3	---
	3	MLB-476	Graduation Project	0	3	3	MED-476
	4	MLB-478	Clinical /Field Training	0	3	3	100 Crd units
	5	MLB-300	Elective 3	3	0	3	See electives
	6	MLB-400	Elective 4	3	0	3	See electives
							18
Session Engagement 8		Topics selected from the tutorial sessions		0	2	0	---
Total Credit Units						18	
Accumulative Total Credit Hours						148	

Elective Courses							
Elective Courses	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	HSM-218	Community Health	3	0	3	---
	2	HSM-320	Forensic Medicine and Toxicology	3	0	3	---
	3	HSM-411	Immunology and Serology	3	0	3	---
	4	HSM-416	Health Sciences and Technology	3	0	3	---
	5	MLB-482	Laboratory Animal Science	3	0	3	---
	6	MLB-483	Introduction to Cell biology and Genetics	3	0	3	---
	7	MLB-484	Community Field Laboratory Practice	3	0	3	---
	8	MLB-485	Vector Biology	3	0	3	---
	9	MLB-487	Quality control and Quality Assurance	3	0	3	---
	10	MLB-491	Special Topics in Medical Laboratory	3	0	3	---





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جامعة شرق أفريقيا

BSc Pharmacology

Semester One	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	ENG-101	English Language Skills	3	0	3	---
	2	MTH-101	Mathematics I	3	0	3	---
	3	BIO-101	Biology	3	0	3	---
	4	PHY-101	Physics	3	0	3	---
	5	HSM-101	Fundamentals of Anatomy and Physiology I	3	2	4	---
	6	PHM-101	Introduction to Pharmacology	3	0	3	---
							19
Session Engagement 1		Session selected from the topic		0	2	0	---
Total Credit Units						19	

Semester Two	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	ARB-101	Arabic Language	3	0	3	---
	2	ENG-102	Medical English and Technical Composition	3	0	3	ENG-101
	3	CHM-101	Chemistry	3	2	4	---
	4	CIS-101	Computer Application	3	2	4	---
	5	HSM-102	Fundamental of Anatomy and Physiology II	3	2	4	HSM-101
	6	HSM-104	Cytology and Histology	3	0	3	---
	7	HSM-113	First Aid and Emergency Care Practice	0	2	1	---
							22
Session Engagement 2		Session selected from the topic		0	2	0	---
Total Credit Units						22	

Semester Three	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	ISL-101	دراسات إسلامية: القيم والأخلاق الإسلامية	3	0	3	--
2	ENG-103	Communication Skills	3	0	3	ENG-102	
3	MTH-213	Probability and Biostatistics	3	0	3	MTH-101	
4	CIS-101	Computer Application	3	2	4	---	
5	PHM-211	Patient Assessment	3	0	3	---	
6	PHM-213	Clinical Pharmacy	3	2	4	---	
						20	
Session Engagement 3	Session selected from the topic			0	2	0	---
Total Credit Units						20	

Semester Four	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	ISL-102	دراسات إسلامية: العقيدة والعبادة	3	0	3	--
2	ENG-105	Technical Writing	3	0	3	ENG-103	
3	CHM-104	Biochemistry I	3	0	3	CHM-101	
4	PHM-222	Drug Dispensing and Prescription	3	0	3	PHM-101	
5	PHM-224	Pharmaceutical Technology	3	0	3	---	
6	PHM-226	Applied Pharmaceutics	3	2	4	BIO-104	
						18	
Session Engagement 4	Session selected from the topic			0	2	0	---
Total Credit Units						18	

Semester Five	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	SOM-101	Somali Culture and History I	3	0	3	---
	2	CIS-112	Health Information Systems	3	0	3	---
	3	HSM-418	Introduction to Health Psychology	3	0	3	---
	4	BIO-104	Microbiology and Immunology	3	2	4	BIO-101
	5	HSM-322	Epidemiology I	3	0	3	HSM-101
	6	PHM-311	General and Systematic Pharmacology	3	0	3	---
							19
Session Engagement 5		Session selected from the topic		0	2	0	---
Total Credit Units						19	

Semester Six	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite
	1	HSM-216	Foundations of Internal Medicine I	3	0	3	--
	2	PHM-322	Pathophysiology I	3	0	3	PHM-101
	3	PHM-324	Pharmacokinetics	3	0	3	PHM-101
	4	PHM-326	Pharmacotherapy	3	0	3	PHM-101
	5	PHM-328	Pharmacoeconomics	3	0	3	---
	6	PHM-330	Clinical Drug Development	3	0	3	PHM-222
							18
Session Engagement 6		Session selected from the topic		0	2	0	---
Total Credit Units						18	

Semester Seven	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite	
	1	MED-476	Research Methodology	3	0	3	---	
	2	MED-476	Health and Professional Ethics	2	0	2	---	
	3	PHM-411	Pharmacy Practice and Management	3	0	3	PHM-101	
	4	PHM-417	Pathophysiology II	3	0	3	PHM-322	
	5	PHM-100	Elective 1	3	0	3	See electives	
	6	PHM-200	Elective 2	3	0	3	See electives	
							11	
	Session Engagement 7	Session selected from the topic			0	2	0	---
Total Credit Units						11		
Semester Eight	No.	Course #	Course Title	Lecture Hours	Lab Hours	Credit Units	Prerequisite	
	1	PHM-422	Health Sciences and Technology	3	0	3	---	
	2	PHM-424	Neuropharmacology of Human Health	3	0	3	---	
	3	PHM-478	Graduation Project	0	3	3	MED-476	
	4	PHM-492	Clinical/ Field Training	0	3	3	100 Crd units	
	5	PHM-300	Elective 3	3	0	3	See electives	
	6	PHM-400	Elective 4	3	0	3	See electives	
							18	
	Session Engagement 8	Session selected from the topic			0	2	0	---
Total Credit Units						18		
Accumulative Total Credit Hours						145		

Elective Courses							
Elective Courses	No.	Course #	Course Title	Lecture Hours	Lab Units	Credit Units	Prerequisite
	1	HSM-217	Primary Care	3	0	3	---
	2	HSM-218	Community Health	3	0	3	---
	3	HSM-321	Behavioral and Social Science	3	0	3	---
	4	CLO-480	Medication Therapy Management	3	0	3	---
	5	CLO-484	Communicable Diseases and Prevention	3	0	3	---
	6	CLO-485	Pharmaceutical Industry and Marketing	3	0	3	---
	7	CLO-486	Forensic Medicine and Toxicology	3	0	3	---
	8	CLO-487	Development Psychology	3	0	3	---
	9	CLO-488	Biochemical Basis of Disease	3	0	3	---
10	CLO-891	Special Topics in Clinical Officer	3	0	3	---	

