



Osun State University, Osogbo

COLLEGE OF HEALTH SCIENCES

DEPARTMENT OF PHYSIOLOGY

B.Sc. COURSE IN PHYSIOLOGY

COURSE OUTLINE

100 Level

Harmattan semester

COURSE CODE	COURSE TITLE	L	P	UNITS	STATUS
BIO 101	Basic Biology I	2	3	3	C
BIO 107	Experimental Biology I	0	3	1	C
CHM 101	General Chemistry I	3	0	3	C
CHM 107	Experimental Chemistry I	0	3	1	C
MTH 101	General Mathematics I	3	0	3	C
PHY 101	General Physics I	3	0	3	C
PHY 107	Experimental Physics I	0	3	1	C
GNS 101	Use of English I	2	0	2	R
GNS 103	Use of Library	1	0	1	R
TOTAL				18 UNITS	

RAIN SEMESTER

COURSE CODE	COURSE TITLE	L	P	UNITS	STATUS
BIO 102	Basic Biology II	3	0	3	C
BIO 108	Experimental Biology II	0	3	1	C
CHM 102	General Chemistry II	3	0	3	C
CHM 108	Experimental Chemistry II	0	3	1	C
MTH 102	General Mathematics II	3	0	3	C
PHY 102	General Physics II	3	0	3	C
PHY 108	Experimental Physics II	0	3	1	C
GNS 102	Use of English II	2	0	2	R
GNS 104	Nigerian People and Culture	2	0	2	R
TOTAL				19 UNITS	

COURSE OUTLINE

200 Level

Harmattan semester

COURSE CODE	COURSE TITLE	L	P	UNITS	STATUS
ANA 203	General Embryology	2	0	2	C
ANA 205	General Histology	1	3	2	C
ANA 221	Introduction to Anatomy and Gross Anatomy of The Upper Limb	2	3	3	C
ANA 227	Human Genetics	1	0	1	C
PHS 201	Introduction to Physiology	2	0	2	C
PHS 205	Blood and Body Fluids	2	3	3	C
BCM 201	General Medical Biochemistry I	2	3	3	C
BCM 203	Chemistry and Metabolism of Carbohydrates	2	0	2	C
GNS 211	Basic French	2	0	2	R
COM 201	Demography and Biostatistics	2	0	2	C
	TOTAL			22	

RAIN SEMESTER

COURSE CODE	COURSE TITLE	L	P	UNITS	STATUS
ANA 206	Histology of the Thorax and Abdomen	1	3	2	C
ANA 208	Embryology of the Thorax and Abdomen	2	0	2	C
ANA 222	Gross Anatomy of the Thorax	1	3	2	C
ANA 224	Gross Anatomy of Abdomen	1	3	2	C
PHS 202	Respiratory Physiology	2	0	2	C
PHS 206	Gastrointestinal Physiology	2	0	2	C
PHS 208	Cardiovascular Physiology	2	3	3	C
BCM 204	Chemistry and Metabolism of Proteins and Amino acids	2	0	2	C
BCM 208	Chemistry and Metabolism of Lipids	2	0	2	C
GNS 212	Introduction to Information & Communication Technology	2	0	2	R
	TOTAL			21	

COURSE OUTLINE

300 Level

Harmattan semester

COURSE CODE	COURSE TITLE	L	P	UNITS	STATUS
ANA 311	Gross Anatomy of the Pelvis and Perineum	1	3	2	C
ANA 317	Embryology of Pelvis and Perineum	1	0	1	C
PHS 301	Reproductive Physiology	2	0	2	C
PHS 303	Endocrine Physiology	3	0	3	C
PHS 305	Renal Physiology	2	0	2	C
PHS 307	Autonomic Nervous System	1	0	1	C
BCM 301	Nucleic acids and Gene expression	2	0	2	R
PHA 311	General Pharmacology I	2	0	2	R
GNS 203	Introduction to Entrepreneurial Skills	2	0	2	R
	TOTAL			17	

RAIN SEMESTER

COURSE CODE	COURSE TITLE	L	P	UNITS	STATUS
ANA 304	Neuroanatomy	2	3	3	C
ANA 312	Gross Anatomy of Head and Neck	2	3	3	C
PHS 302	Neurophysiology I	3	0	3	C
PHS 304	Nerve and Muscle Physiology	1	3	2	C
PHS 306	Laboratory Teaching and Instrumentation	0	6	2	C
BCM 302	Clinical Biochemistry and Foreign Body Metabolism	2	0	2	C
PHA 316	Systemic Pharmacology	2	0	2	R
COM 302	Research Methods and Ethics	2	0	2	C
GNS 204	Logic and Philosophy	2	0	2	R
	Total			21	

COURSE OUTLINE

400 level

Harmattan semester

COURSE CODE	COURSE TITLE	L	P	UNITS
PHS 401	Neurophysiology II	3	0	3
PHS 403	Environmental Physiology and Metabolism	3	0	3
PHS 405	Literature Review/Seminar	3	0	3
PHS 407	Cardio Pulmonary Physiology	2	3	3
COM 401	Biostatistics	3	0	3
	TOTAL			15

RAIN SEMESTER

COURSE CODE	COURSE TITLE	LECTURE HOUR	PRACTICAL HOURS	UNITS
PHS 402	Selected Topics in Cardiology/Gastro-enterology	3	0	3
PHS 404	Comprehensive Examination	6	0	6
PHS 406	Project	6	0	6
	TOTAL			15

B.Sc. Physiology CCMAS Curriculum

100 LEVEL HARMATTAN SEMESTER

Course Code	Course Title	Units	Status	LH	PH
GST 111	Communication in English	2	C	15	45
BIO 101	General Biology I	2	C	30	-
BIO 107	General Biology Practical I	1	C	-	45
CHM 101	General Chemistry I	2	C	30	0
CHM 107	General Chemistry Practical I	1	C	0	45
MTH 101	Elementary Mathematics I	2	C	30	0
PHY 101	General Physics I	2	C	30	0
PHY 107	General Physics Practical I	1	C	0	45
COS 101	Introduction to Computing Sciences	3	C	30	45
	TOTAL	16			

100 LEVEL RAIN SEMESTER

Course Code	Course Title	Units	Status	LH	PH
GST 112	Nigerian Peoples and Culture	2	C	30	0
BIO 102	General Biology II	2	C	30	-
BIO 108	General Biology Practical II	1	C	-	45
CHM 102	General Chemistry II	2	C	30	0
CHM 108	General Chemistry Practical II	1	C	0	45
MTH 102	Elementary Mathematics II	2	C	30	0
PHY 102	General Physics II	2	C	30	0
PHY 108	General Physics Practical II	1	C	0	45
LIS 112	Basic Skills for Library and Information Works	2	C	30	-
		15			