



REVISED CURRICULUM FOR B.Sc. (Honours) PLANT BIOLOGY PROGRAMME

100 LEVEL HARMATTAN SEMESTER

CODE	COURSE TITLE	PRE-REQUISITE	UNITS	STATUS
BIO 101	Basic Biology I	-	3	C
BIO 107	Experimental Biology I	-	1	C
CHM 101	General Chemistry I	-	3	C
CHM 107	Experimental Chemistry I	-	1	C
MTH 101	General Mathematics I	-	3	C
PHY 101	General Physics I	-	3	C
PHY 107	Experimental Physics I	-	1	C
GNS 101	Use of English I	-	2	R
GNS 103	Use of Library	-	1	R
GNS 211	Basic French	-	2	R
	TOTAL		20	

C = Compulsory, R = Required, E = Elective

100 LEVEL RAIN SEMESTER

CODE	COURSE TITLE	PRE-REQUISITE	UNITS	STATUS
BIO 102	Basic Biology II	-	3	C
BIO 108	Experimental Biology II	-	1	C
CHM 102	General Chemistry II	-	3	C
CHM 108	Experimental Chemistry II	-	1	C
MTH 102	General Mathematics II	-	3	C
PHY 102	General Physics II	-	3	C
PHY 108	Experimental Physics II	-	1	C
GNS 102	Use of English II	-	2	R
GNS 104	Nigeria Peoples and Culture	-	2	R
GNS 212	Introduction to Information and Communication Technology	-	2	R
	TOTAL		21	

Total Units for 100 Level = 41

200 LEVEL HARMATTAN SEMESTER

CODE	COURSE TITLE	PRE-REQUISITE	UNITS	STATUS
BIO 201	General Ecology	-	2	C
BIO 207	Introductory Genetics and Cell Biology	-	2	C
CHM 205	Physical Chemistry I	-	2	C
CHM 207	Inorganic Chemistry I	-	2	C
CHM 291	Experimental Physical/ Inorganic Chemistry	-	1	C
MCB 201	General Microbiology I	-	3	C
PBO 205	Seedless Plants	BIO 102	2	C
STA 229	Statistics for Agricultural and Biological Sciences Students	-	3	C
BCH 201	General Biochemistry I	-	3	C
GNS 203	Introduction to Entrepreneurial Skills	-	2	R
	TOTAL	-	22	

200 LEVEL RAIN SEMESTER

CODE	COURSE TITLE	PRE-REQUISITE	UNITS	STATUS
BIO 202	Biological Techniques	-	2	C
BIO 204	General Physiology	-	2	C
CHM 202	Organic Chemistry I	-	2	C
CHM 292	Experimental Physical/Organic Chemistry	-	1	C
MCB 202	General Microbiology II	MCB 201	3	C
PBO 206	Seed Plants	BIO 102	2	C
PBO 210	Ethnobotany	BIO 102	2	C
ZOO 202	Invertebrate Zoology	-	3	C
GNS 204	Logic and Philosophy	-	2	R
MCB 208	Introduction to Biotechnology	-	2	R
	TOTAL		21	

Total Units for 200 Level = 44

300 LEVEL HARMATTAN SEMESTER

CODE	COURSE TITLE	PRE-REQUISITE	UNITS	STATUS
BIO 301	Genetics II	BIO 203	2	C
BIO 307	Soil Science	-	2	C
BIO 311	Field Course	-	2	C
MCB 305	Microbial Genetics and Molecular Biology	-	3	C
MCB 307	Mycology	-	3	C
PBO 301	Plant Taxonomy	PBO 206	2	C
PBO 303	Comparative Plant Anatomy	-	2	C
PBO 305	Plant Breeding	PBO 206	3	C
PBO 307	Plant Physiology	PBO 206	3	C
	TOTAL		22	

300 LEVEL RAIN SEMESTER

CODE	COURSE TITLE	PRE-REQUISITE	UNITS	STATUS
PBO 399	Industrial Attachment (SIWES)	-	6	C
	TOTAL		6	

New Total Units for 300 Level = 28

400 LEVEL HARMATTAN SEMESTER

CODE	COURSE TITLE	PRE-REQUISITE	UNITS	STATUS
BIO 415	Conservation and Development of Natural Resources	-	2	C
PBO 401	Plant Virology	-	2	C
PBO 403	Nigerian Vegetation	-	2	C
PBO 405	Economic Botany	-	2	C
PBO 407	Plant Cytogenetics	-	3	C
PBO 409	Plant Tissue Culture	-	2	C
PBO 411	Medicinal Plants	-	2	C
PBO 421	Seminar Presentation	-	2	C
	Elective	-	2	E
	TOTAL		19	
Elective:				
PBO 413	Horticulture and Silviculture	-	2	E
PBO 415	Introduction to Mushroom Growing Technology	-	2	E

400 LEVEL RAIN SEMESTER

CODE	COURSE TITLE	PRE-REQUISITE	UNITS	STATUS
MCB 410	Biodeterioration	-	2	C
PBO 402	Plant Ecology	BIO 201	3	C
PBO 404	Plant Pathology	MCB 307	3	C
PBO 406	Plant Growth and Reproduction	PBO 307	3	C
PBO 408	Paleobotany/Paleontology	PBO 206	2	E
PBO 499	Research Project	-	6	C
	TOTAL		19	

Total Units for 400 Level = 38