

DEPARTMENT OF STATISTICS

100 LEVEL 1ST SEMESTER						
COURSE CODE		COURSE TITLE	L	T	P	Unit
STA 101	C	Introduction to Statistics and Probability I	2	1	0	3
STA 103	C	Introduction to Statistical Inference I	1	1	0	2
MTS 101	C	Introductory Mathematics 1	2	1	0	3
MEE 101	C	Engineering Drawing I	1	0	6	3
PHY 101	C	General Physics I	2	1	0	3
PHY 103	C	General Physics III	1	1	0	2
PHY 107	C	General Physics (Laboratory) I	0	0	3	1
GNS 101	R	Use of English 1	1	1	0	2
GNS 103	R	Information Retrieval	1	0	0	1
		Total				20

100 LEVEL 2ND SEMESTER						
COURSE CODE		COURSE TITLE	L	T	P	Unit
STA 102	C	Introduction to Statistics and Probability II	2	1	0	3
STA 104	R	Introduction to Statistical Inference II	1	1	0	2
STA 106	C	Laboratory for Statistical Inference	0	0	6	2
MTS 102	C	Introductory Mathematics II	2	1	0	3
CSC 102	C	Introduction to Computing	2	0	3	3
PHY102	C	General Physics II	2	1	0	3
MEE102	R	Workshop Practice	0	0	6	2
GNS 102	R	Use of English II	1	1	0	2
GNS 106	R	Logic and Philosophy	1	1	0	2
		Total				22
ELECTIVE						
STA 122	E	Statistics for Physical Sciences and Engineering	3	1	0	4

200 LEVEL 1ST SEMESTER						
COURSE CODE		COURSE TITLE	L	T	P	Unit
STA 201	C	Probability Distribution I	2	1	0	3
STA 203	C	Statistical Methods I	2	1	0	3
MTS 201	C	Mathematical Methods I	2	1	0	3
MTS 203	C	Linear Algebra I	1	1	0	2
MTS209	C	Differential Equations I	2	1	0	3
CSC 201	C	Introduction to Fortran Programming Language I	2	0	3	3
GNS 201	R	Man and His Environment	1	1	0	2
CSP 201	R	General Agriculture(Theory)	1	0	0	1
		Total				20

Audited Courses for D.E students						
GNS 101	R	Use of English I	1	1	0	2
GNS 103	R	Information Retrieval	1	0	0	1
MEE 101	R	Engineering Drawing I	1	0	6	3

200 LEVEL 2 ND SEMESTER						
COURSE CODE		COURSE TITLE	L	T	P	Unit
STA 202	C	Probability Distribution II	2	1	0	3
STA 204	C	Statistical Methods II	2	1	0	3
MTS 204	C	Linear Algebra II	1	1	0	2
MTS 206	C	Real Analysis I	2	1	0	3
CSC 202	R	Comparative Programming Languages	2	1	0	3
CSP 210	R	General Agriculture (Practical)	0	0	6	2
PMT 210	C	Principles of Economics	2	1	0	3
		Total				19
ELECTIVE						
STA224	E	Statistics for Biological and Environmental Sciences	3	0	3	4

University Required Courses for Direct Entry Students						
MEE 102	R	Workshop practice	0	-	6	2
GNS 102	R	Use of English II	1	1	-	2
GNS 106	R	Logic and Philosophy	1	1	-	2

300 LEVEL 1 ST SEMESTER						
COURSE CODE		COURSE TITLE	L	T	P	Unit
STA 301	C	Distribution Theory	2	1	0	3
STA 303	C	Analysis of Variance	1	1	0	2
STA 305	C	Statistical Inference I	2	1	0	3
STA 307	C	Sample Survey I	2	1	0	3
MTS 305	C	Real Analysis II	2	1	0	3
MTS 307	C	Mathematical Modelling	2	1	0	3
CSC 305	R	System Programming with C	1	0	3	2
EMT 301	R	Introduction to Entrepreneurship	2	0	0	2
		Total				21
ELECTIVES						
STA 309	E	Introduction to Socio-Economic Statistics	1	1	0	2
MTS 303	E	Abstract Algebra I	2	1	0	3

300 LEVEL 2 ND SEMESTER						
COURSE CODE		COURSE TITLE	L	T	P	Unit
STA 302	C	Regression Analysis I	2	1	0	3
STA 304	C	Statistical Inference II	2	1	0	3
STA 306	C	Operations Research I	2	1	0	3
STA 308	C	Sample Survey II	2	1	0	3
STA 310	C	Statistical Computing and Data Management	2	1	0	3
STA 314	R	Design and Analysis of Experiment I	2	1	0	3
EMT 302	R	Practical Skills in Entrepreneurship	0	0	9	3
		Total				21
ELECTIVES						
STA 324	E	Econometrics	1	1	0	2
CSC 308	E	Object – Oriented Programming	2	0	3	3
MTS 314	E	Complex Analysis I	2	1	0	3

400 LEVEL 1 ST SEMESTER						
COURSE CODE		COURSE TITLE	L	T	P	Unit
STA 401	C	Design and Analysis of Experiment II	2	1	0	3
STA 403	C	Operations Research II	2	1	0	3
STA 405	C	Regression Analysis II	2	1	0	3
STA 407	C	Multivariate Analysis	2	1	0	3
STA 413	R	Time Series Analysis	1	1	0	2
STA 415	R	Decision Theory	1	1	0	2
		Elective				2
		Total				18
ELECTIVES						
STA 421	E	Biometrics	1	1	0	2
STA 423	E	Sequential Analysis	1	1	0	2
STA 425	E	Statistical Quality Control	1	1	0	2

400 LEVEL 2 ND SEMESTER LONG VACATION (SIWES)						
COURSE CODE		COURSE TITLE	L	T	P	Unit
STA 402	C	Industrial Training Assessed by Industry-based Supervisor	0	0	0	4
STA 404	C	Industrial Training (Assessed by FUTA Supervisors)	0	0	0	4
STA 406	C	Student's Report and Seminar Presentation	0	0	0	4
		Total				12

500 LEVEL 1 ST SEMESTER						
COURSE CODE		COURSE TITLE	L	T	P	Unit
STA 501	C	Stochastic Processes I	2	1	0	3
STA 503	C	Non-parametric Methods	2	1	0	3
STA 511	R	Simulation	2	1	0	3
PMT 513	R	Industrial Management	2	1	0	3
STA 599	C	Final Year Student's Project	0	0	18	6
		Elective				3
		Total				21
ELECTIVES						
STA 507	E	Actuarial Science	2	1	0	3
STA 527	E	Techno-metrics	2	1	0	3

500 LEVEL 2 ND SEMESTER						
COURSE CODE		COURSE TITLE	L	T	P	Unit
STA 502	C	Stochastic Processes II	2	1	0	3
STA 504	C	Demography	2	1	0	3
STA 506	C	Elements of Categorical Data Analysis	2	1	0	3
STA 512	C	Bayesian Inference	2	1	0	3
		Elective				3
		Total				15
ELECTIVES						
STA 522	E	Medical Statistics	2	1	0	3
STA 524	E	Statistics for Finance	2	0	3	3