Statistical Sciences - Agricultural Statistics

M.Sc. in Agricultural Statistics

Semester wise breakup of the Courses

Semester I			
Major courses			
Course Number	Name of the course	Credit hours	Semester
STAT 552	Probability Theory	2(2+0)	I
STAT 553	Statistical Methods	3(2+1)	I
Minor courses			
AEC - 505	Econometrics	3 (2+1)	I
MCA- 501	Computers Fundamentals and Programming	3(2+1)	I
Supporting courses			
STAT 501	Mathematics for Applied Sciences	2 (2+0)	I
STAT 561	Mathematics-II	2 (2+0)	I
Total credit (First Semester)		15	
Semester II			
Major courses			
STAT 562	Statistical Inference	3(2+1)	II
STAT 563	Design of Experiments	3(2+1)	II
STAT 564	Sampling Techniques	3(2+1)	II
STAT 565	Statistical Genetics	3(2+1)	II
STAT 571	Multivariate Analysis	3(2+1)	II
Minor courses			
AEC - 508	Linear Programming	2 (1+1)	II
Supporting courses			
STAT 522	Data Analysis Using Statistical Packages	3 (2+1)	II
Total credit (Second Semester		20	

Thesis Research		15 (0+15)	III
STAT 59	Seminar	1(0+1)	III
Thesis Research		15 (0+15)	IV
Common Courses			
PGS 501	Library and information services	1 (0+1)	_
PGS 502	Technical writing and communications skills	1 (0+1)	_
PGS 503	Intellectual property and its management in agriculture	1 (1+0)	_
PGS 504	Basic concepts in laboratory techniques	1 (0+1)	_
PGS 505	Agricultural research, research ethics and rural Development programmes	1 (1+0)	_
Total credit (Common Courses)		05	
Total Credit Load		71	

Supporting courses to be offered in PG Programme

Biological Sciences			
Course Number	Course Name	Credit	Semester
STAT -502	Statistical methods for Applied sciences	4(3+1)	I
STAT 511	Experimental Design	3(2+1)	II
Social Sciences			
STAT -502	Statistical methods for Applied sciences	4(3+1)	I

STAT 512	Sampling Techniques	3(2+1)	II

Supporting courses to be offered in Ph.D Programme

For All Discipline			
Course Number	Course Name	Credit	Semester
STAT -521	Applied Regression Analysis	3(2+1)	I
STAT -522	Data Analysis Using Statistical Packages	3(2+1)	II