

**MA/M.Sc. Statistics Equivalent Subjects for 2013 Pattern from 2019 Pattern**

Course Code (2013)	Old Course Title (2013 Pattern)	Credits (2013)		Equiv. Course Code (2019)	Equivalent Course as per revised syllabus (2019 Pattern)	Credits (2019)
ST 11	Mathematical Analysis	4		ST 11	Basic Real Analysis & Calculus	4
ST 12	Integral Calculus & Statistical Computing	2		No Equivalent Course	No Equivalent Course	
ST 13	Linear Algebra	4		ST 12	Linear Algebra & Numerical Methods	4
ST 14	Probability Distributions I	2		No Equivalent Course	No Equivalent Course	4

ST 15	Probability Distributions II	3		No Equivalent Course	Probability Distributions	4
ST 16	Sampling Theory	4		ST 14	Sampling Theory	4
ST 21	Probability Theory	3		ST 21	Probability Theory	4
ST 22	Limit Theorems and Convergences	3		No Equivalent Course	No Equivalent Course	
ST 23	Regression Analysis	4		ST 22	Regression Analysis	4
ST 24	Parametric Inference	4		ST 23	Statistical Inference I	4
ST 25	Testing of Hypothesis	3		No Equivalent Course	No Equivalent Course	
ST 26	Explorative Multivariate Analysis	2		No Equivalent Course	No Equivalent Course	
ST 27	Inference in Multivariate Analysis	3		ST 24	Multivariate Analysis	4
ST 31	Markov Chains	3		ST 31	Applied Stochastic Processes	4

ST 32	Design & Analysis of Experiments	4		ST 33	Design and Analysis of Experiments	4
ST 33	Asymptotic Inference	4		ST 41	Asymptotic Inference	4
ST 34	Statistical Process Control	3		ST 32(B)	Statistical Quality Control	4
ST 36	Data Mining	4		ST 34	Machine Learning	4
ST 37	Bayesian Inference	4		ST 32(A)	Bayesian Inference	4
ST 38	Optimization Techniques	4		ST 42(B)	Operations Research	4
ST 39	Discrete Event System Simulation	4		No Equivalent Course	No Equivalent Course	
ST 40	Statistical Methods in Microarray Data Analysis	4		No Equivalent Course	No Equivalent Course	
ST 41	Stochastic Processes	3		No Equivalent Course	No Equivalent Course	
ST 42	Time Series Analysis	4		ST 42(A)	Econometrics & Time Series	4
ST 43	Actuarial Statistics	4		No Equivalent	No Equivalent	

					<b>Course</b>	<b>Course</b>	
ST 44	Survival Analysis	4		ST 43(A)	Survival Analysis	4	
ST 47	Nonparametric Statistical Inference	4		No Equivalent Course	No Equivalent Course		
ST 48	Statistical Analysis of Clinical Trials	4		ST 44(B)	Analysis of Clinical Trials	4	
ST 49	Statistics Education & Research Methodology	4		No Equivalent Course	No Equivalent Course		
ST 17	Practical I	4		ST 15	Practical I	4	
ST 18	Practical II	4		No Equivalent Course	No Equivalent Course		
ST 28	Practical III	4		ST 25	Practical II	4	
ST 35	Practical IV	4		ST 35	Practical III	4	
ST45	Practical V	4		No Equivalent Course	No Equivalent Course		
ST 46	Project	4		ST 45	Project	4	