

Statistics Discipline Modules Academic Year 2022/2023

Specific to B.Science and B.Arts :

Module		Semester	Prerequisites	Exclusions
ST1111	Probability Models	I	MA180 or MP180	
ST1112	Statistical Methods	II	ST1111	ST2001&ST2002
ST2001	Statistics for Data Science I	I	-	ST237(disctd)
ST2002	Statistics for Data Science II	II	ST2001	ST1112, ST238(disctd)
ST2003	Random Variables	I	ST1111	ST235(disctd)
ST2004	Statistical Inference	II	ST2003	ST236(disctd)
ST311	Applied Statistics I	I	ST2002(or disctd. ST238) or ST1112	ST313, ST2218
ST312	Applied Statistics II	II	ST2002(or disctd. ST238) or ST1112	
ST313	Applied Regression Models	I	ST2004 (or disctd.ST236)	ST311
ST417	Introduction to Bayesian Modelling	I	MA180+[ST2002 or ST2003 or disctd.ST235]	
ST413	Statistical Modelling	I	ST2004(or disctd.ST236)&[either ST313 or ST311]	
ST4120	Causal Inference	II	ST311 or ST313	
ST4140	Modern Statistical Methods	II	ST413	

Natural paths to follow:

For students of programmes in which Mathematics is selected in the pathway as main subject of degree programme

ST1111 -> ST1112 -> ST2003->ST2004->ST313-> 3rd yr/4th yr options: ST417, ST413, ST4120, ST4140 as per prerequisites

For students of programmes in which Mathematics is not selected in the pathway as main subject of degree programme

ST2001 -> ST2002 -> 3rd yr/4th yr options: ST311 ,ST312, ST417, ST4120 as per prerequisites

Specific to B.Comm:

		Semester	Prerequisites	Exclusions
ST1120	Data Science for Business Analytics I	II	MA119	ST1109(disctd)
ST2120	Data Science for Business Analytics II	I	ST1120 or ST1109	ST2217(disctd)
ST311	Applied Statistics I	I	ST2120 or ST2217	ST313, ST2218(disctd)
ST312	Applied Statistics II	II	ST2120 or ST2217	
ST2352†	Statistics	I+II		

Specific to B.Eng:

		Semester	Prerequisites	Exclusions
ST1100	Engineering Statistics	I	MA140	

Specific to Biostatistics pathways:

		Semester	Prerequisites	Exclusions
ST314	Introduction to Biostatistics	I		

Modules with equivalent scope, but may differ in depth and statistical software use:

a) ST2001&ST2002 - ST1112 - ST1120&ST2120- ST1100 - ST314- ST1109&ST2217- ST237&ST238

b) ST311 - ST313 - ST2218

Exclusions : module cannot be taken with or after these modules

disctd. : this module is discontinued and is no longer offered

† Offered on a 2yr Cycle, next available in 2022.23

Last Amended: 7/9/2022