

PROGRESSION PATH

Information correct as of 03 August 2018

The department reserves the right to amend the progression path when the need arises.

Academic Year 2017/18	
Semester 1	Semester 2
ST5201 Basic Statistical Theory * ST5203 Experimental Design * ST5207 Non parametric Regression* ST5211 Sampling from Finite Populations * ST5214 Advanced Probability Theory ST5215 Advanced Statistical Theory I ST5222 Advanced Topics in Applied Statistics	ST5198 Graduate Seminar Module ST5202 Applied Regression Analysis * ST5208 Statistics for Quality and Productivity Improvement * ST5209 Analysis of Time Series Data * ST5217 Statistical Methods for Genetic Analysis ST5223 Statistical Models: Theory/Applications ST5224 Advanced Statistical Theory II ST5225 Statistical Analysis of Networks*
Academic Year 2018/19	
Semester 1	Semester 2
ST5201 Statistical Foundations of Data Science * ST5206 Generalized Linear Models ST5210 Multivariate Data Analysis * ST5214 Advanced Probability Theory ST5215 Advanced Statistical Theory I ST5221 Probability and Stochastic Processes* ST5222 Advanced Topics in Applied Statistics ST5226 Spatial Statistics*	ST5198 Graduate Seminar Module ST5202 Applied Regression Analysis * ST5212 Survival Analysis * ST5213 Categorical Data Analysis II * ST5218 Advanced Statistical Methods in Finance ST5223 Statistical Models: Theory/Applications ST5224 Advanced Statistical Theory II ST5227 Applied Data Mining*
Academic Year 2019/20	
Semester 1	Semester 2
ST5201 Statistical Foundations of Data Science * ST5203 Design of Experiments for Product Design and Process Improvements * ST5207 Non parametric Regression* ST5211 Sampling from Finite Populations * ST5214 Advanced Probability Theory ST5215 Advanced Statistical Theory I ST5222 Advanced Topics in Applied Statistics	ST5198 Graduate Seminar Module ST5202 Applied Regression Analysis * ST5208 Analytics for Quality Control and Productivity Improvements* ST5209 Analysis of Time Series Data * ST5217 Statistical Methods for Genetic Analysis ST5223 Statistical Models: Theory/Applications ST5224 Advanced Statistical Theory II ST5225 Statistical Analysis of Networks*

* Designed for Coursework Program

Disclaimer: The order in which the new modules- ST 5225, ST 5226 and ST 5227 will be offered is contingent on staff availability.