PROGRESSION PATH

Information correct as of 19 Dec 2019
The department reserves the right to amend the progression path when the need arises.

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 ST5220 Statistical Consulting 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 * ST5223 Statistical Models: Theory/Applications ST5224 Advanced Statistical Theory II ST5227 Applied Data Mining*
Academic Year 2020/21	
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 ST5225 Statistical Analysis of Networks*	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 ST5226 Spatial Statistics*

**** Designed for Coursework Program***