THE UNIVERSITY OF HONG KONG
DEPARTMENT OF STATISTICS AND ACTUARIAL SCIENCE

Accreditation with the Royal Statistical Society (RSS) for BSc Students Admitted in 2023

Accredited Major (*conditions)	Applicants must have completed and passed these specific courses
Major in Statistics*	STAT3602 or STAT4610
Major in Decision Analytics*	STAT3602 (not Disciplinary Elective) or STAT4610, **and** at least 2 Quality Marked (QM) Disciplinary Electives, **and** at least one QM Capstone course.
Major in Risk Management*	STAT3602 or STAT4610 (both are not Disciplinary Electives), **and** at least one of STAT3603, STAT3612, STAT3655 or STAT4601, **and** at least one QM Capstone course.

HKU Courses with RSS Quality Mark (QM)

Disciplinary Core Courses or Disciplinary Electives
STAT1600 Statistics: ideas and concepts
STAT2601 Probability and statistics I
STAT2602 Probability and statistics II
STAT3021 Modern biostatistics
STAT3600 Linear statistical analysis
STAT3602 Statistical inference
STAT3603 Stochastic processes
STAT3604 Design and analysis of experiments
STAT3606 Business logistics
STAT3607 Statistics in clinical medicine and bio-medical research
STAT3608 Statistical genetics
STAT3609 The statistics of investment risk
STAT3612 Statistical machine learning
STAT3613 Marketing analytics
STAT3615 Practical methods for investment
STAT3617 Sample survey methods
STAT3618 Derivatives and risk management
STAT3620 Modern nonparametric statistics
STAT3621 Statistical data analysis
STAT3622 Data visualisation
STAT3655 Survival analysis
STAT3911 Financial economics II
STAT4011 Natural language processing
STAT4601 Time-series analysis
STAT4602 Multivariate data analysis
STAT4603 Current topics in risk management
STAT4606 Risk management and Basel Accords in banking and finance
STAT4607 Credit risk analysis
STAT4608 Market risk analysis
STAT4609 Big data analytics
STAT4610 Bayesian learning

Capstone Courses
STAT3799 Directed studies in statistics
STAT4710 Capstone experience for statistics undergraduates
STAT4799 Statistics project