

Accreditation of Qualifications of Statistics Programmes by the Hong Kong Statistical Society

HKSS Graduate Diploma and BSc(Hons) in Statistics and Computing offered by Department of Applied Mathematics, The Hong Kong Polytechnic University

Papers in HKSS Examination	Relevant subjects of BSc(Hons) in Statistics and Computing	Considerations by the HKSS Examination Board
Statistical Theory and Methods Paper I & II	AMA261 Basic Statistics* AMA262 Statistical Data Analysis* AMA484 Decision Analysis* AMA488 Simulation* AMA364 Statistical Inference#	<ul style="list-style-type: none"> • Exemption will be considered for candidates who achieve satisfactory results in all the five papers (i.e. the four compulsory subjects plus the elective on Statistical Inference). • The elective subject “Statistical Inference” covers a substantial number of topics (about 20% of STM Paper II) and is a requisite for granting exemption. • The elective subject “Applied Probability Model” covers the rest of 10% of Paper I on Markov Chains. It is advisable for students to take this course, though not absolutely essential.
Option in Econometrics	AMA263 Applied Statistical Method* AMA481 Econometrics# AMA465 Forecasting and Applied Time Series Analysis#	<ul style="list-style-type: none"> • Essentially most of the topics have been covered by these three subjects. Both elective subjects are essential. Exemption from the Econometrics Option paper will be considered for candidates who achieve satisfactory results in all the three courses (i.e. AMA263, 481 and 465).@
Option in Operational Research	AMA382 Operation Research Methods* AMA355 Applied Probability Models#	<ul style="list-style-type: none"> • Essentially most of the topics have been covered by these two subjects. The elective subject “Applied Probability Models” is very essential as it covers topics on Network Flow Model and Theory of Queues. Exemption will be considered for candidates who achieve satisfactory results in both subjects. (i.e. AMA382 and 355). @

* Compulsory subjects

Elective subjects

@ Exemptions will be granted only if a full Options Paper can be exempted.

Grading requirements:

- It is recommended that for granting exemption for HKSS papers, the candidate concerned should obtain C or above in all the required subjects, and score an average of 2.75 or more grade points for the subjects concerned.