

Dr Ho Chee Kit

BSc (Hons) (Maths), MSc, Ph D (UM)

Position: Associate Professor

Head, Department of Financial Mathematics and
Statistics



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Dr Ho Chee Kit is an Associate Professor with Sunway University Business School. Dr Ho joined the Department of Financial Mathematics and Statistics, Sunway University Business School in 2011 and is currently the Head of Department. Dr Ho graduated from University of Malaya with a BSc (Hons) in Mathematics in 1990, MSc in Mathematics in 1999, and a PhD in Mathematics in 2004. He has published articles in international journals and has also presented in national and international conferences. His research interests are in the area of graph theory and combinatorics as well as actuarial science. Dr Ho has also obtained research grants, both internal and external, and has several research collaborations with researchers from local and international universities.

Teaching Experience:

Dr Ho's teaching interests are in Mathematics, Statistics and Actuarial Science. He teaches the following subjects:

- Linear Algebra & Applications
- Mathematics for Business
- Life Contingencies
- Theory of Interest

Research Interests:

- Graph Theory
- Combinatorics
- Actuarial Science

Professional Membership/Affiliation:

- Malaysian Mathematical Sciences Society, Member, 1990 – present (Local)
- Society for Industrial and Applied Mathematics, Member, 2010 – present (International)
- Actuarial Society of Malaysia, Member, 1990 – present (Local)

Selected Publications:

- G.L. Chia and C.K. Ho (2012), Chromatic Equivalence Classes of Certain Complete Tripartite Graphs, *Discrete Applied Math* (submitted)
- C.K. Ho (2010), Join of Graphs and Chromatic Equivalence Classes, *Prosiding Seminar Kebangsaan Aplikasi Sains & Matematik*, 405-411
- G.L. Chia and C.K. Ho (2009), A result on chromatic uniqueness of edge-gluing of graphs, *Journal Combin. Math. And Combin. Comp.* 70, 117-126
- G.L. Chia and C.K. Ho (2009), Chromatic Equivalence Classes of Complete Tripartite Graphs, *Discrete Math* 309 134-143
- S.P. Koh, C.K. Ho, B. Aris and S.M. Bashi (2006), Design and Performance Optimization of a Multi-TSP (Travelling Salesman Problem) Algorithm, *AIMLJournal*, Volume (6), Issue (3), 29-33