

Actuarial Education and Actuarial Educators Network

Hailiang Yang

Department of Statistics and Actuarial Science
The University of Hong Kong
Hong Kong

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Outline of the Presentation

- Actuarial science programme at The University of Hong Kong
- Actuarial educators network
- My view on actuarial science education

Actuarial science programme at The University of Hong Kong

- The programme started in 1994.
- The programme admits top students in Hong Kong

2011 JUPAS



Percentile	UE	CLC	AL1	AL2	AL3
25	C	B	A	A	A
50	C	B	A	A	A
75	C	C	A	A	B

(Average Score: 4.95, **3rd best** in HK)

Actuarial science programme at The University of Hong Kong

- More than 100 graduates have become Fellow of Institute or SoA
- Our course cover all most all associate level exams syllabuses

Programme structure: Year 1

- STAT1801 Probability and Statistics: Foundations of Actuarial Science 6
- STAT1802 Financial Mathematics 6
- BUSI1002 Introduction to Accounting 6
- CSIS1117 Computer Programming I 6
- MATH1813 Mathematical Methods for Actuarial Science 6
- ECON1001 Introduction to Economics I 6
- ECON1002 Introduction to Economics II 6
- FINA1003 Corporate Finance 6

Programme structure: Year 2

- STAT2801 Life Contingencies 6
- STAT2802 Statistical Models 6
- STAT2803 Stochastic Models 6
- STAT2804 Linear Models and Forecasting 6
- STAT2820 Introduction to Financial Derivatives 6
- STAT3801 Advanced Life Contingencies 6
- STAT3810 Risk Theory 6
- Any advanced level course selected from Inter/Intra Faculty Courses

Programme structure: Year 3

- STAT2805 Credibility Theory and Loss Distributions 6
- STAT2812 Financial Economics I 6
- STAT3322 Market Risk Analysis 6
- STAT3811 Survival Analysis 6
- STAT3821 Financial Economics II 6
- 3 elective courses

Actuarial science programme at The University of Hong Kong

- The Institute and Faculty of Actuaries (IFA) has accredited our programme for IFA subjects CT1 - CT8
- The HKU actuarial science programme has been awarded the Center of Actuarial Excellence by SoA

- Like any other subject, network is important for actuarial science
- Actuarial science is a professional and small subject, it is not very difficult for actuarial educators to establish network
- In HKU, we have connections with many actuarial science programmes over the world

My view on actuarial science education

- Actuarial science is a professional subject, we need to follow the professional requirements
- However, actuarial science programmes should not become an examination preparation programme
- Basic theory and idea are much more important than knowledge
- Being an actuarial professor, it is important to know the subject well and keep doing research

Thank you!