The University of Hong Kong  
Department of Statistics and Actuarial Science

*Academic Year: 2020-2021*

**Flow Chart of Disciplinary Courses for BSc(ActuarSc)** (admitted in 2016 or before)

S1 = Offered in 1st Semester  
S2 = Offered in 2nd Semester  
NO = Not offered currently

**VEE Courses**
- ^ VEE Applied Statistical Methods  
- # VEE Economics  
- * VEE Corporate Finance  

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<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
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| STAT3602 (S1) Statistical Inference  
STAT3612 (S1) Statistical Machine Learning  
STAT3616 (NO) Advanced SAS Programming  
STAT3602 (S1) Multivariate Data Analysis  
CSCI9001 (S2) Practical Chinese for Science Students | STAT3902 (S2) Financial Mathematics  
STAT3905 (S1) Introduction to Financial Derivatives  
STAT3901 (S1) Life Contingencies I  
STAT3910 (S1) Financial Economics I  
STAT3907 (S2) Linear Models and Forecasting  
STAT3953 (S1) Fundamentals of Actuarial Practice  
STAT4602 (S2) Statistical Learning for Risk Modelling  
STAT4608 (S2) Market Risk Analysis  
STAT4607 (S2) Credit Risk Analysis | STAT3903 (S2) Stochastic Models  
STAT3904 (S1) Corporate Finance for Actuarial Science  
STAT3906 (S2) Risk Theory I  
STAT3909 (S2) Life Contingencies II  
STAT3911 (S2) Risk Theory II  
STAT3954 (NO) Current Topics in Actuarial Science  
STAT3955 (NO) Selected Topics in Actuarial Science  
STAT4603 (S1) Actuarial Techniques for General Insurance  
STAT3956 (S2) Pension Funds and Pension Mathematics  
STAT4607 (S2) Credit Risk Analysis  
STAT4608 (S2) Market Risk Analysis  
STAT4711 (S2) Selected Topics in Actuarial Science  
STAT4767 (S2) Risk Theory II  
STAT4798 (S2) Selected Topics in Actuarial Science |

**Remarks:**

1. If there are any courses (offered by SAAS or not) mutually exclusive to any Core courses, students must take the course stated in the BSc(ActuarSc) curriculum to fulfill the degree requirement.
2. The information shown in this flow chart is just for your understanding of the interconnection of different courses. Students must follow the most updated course information (pre-requisite, offering semester, etc.) and syllabus given on the Faculty website and in class.

*Updated 27/7/2020*