The University of Hong Kong
Department of Statistics and Actuarial Science

Academic Year: 2023-2024

Flow Chart of Disciplinary Courses for BSc Major in Statistics
(for students admitted to Year 1 in 2022 and thereafter)

S1 = Offered in 1st Semester
S2 = Offered in 2nd Semester
* 18 credits

Pre-requisite
Co-requisite

STAT1600
Probability and Statistics I

STAT2602
Probability and Statistics II

STAT2601
Multivariable Calculus and Linear Algebra

STAT3600
Linear Statistical Analysis

STAT3608 (NO)
Statistical Genetics

STAT3603* (S1)
Stochastic Processes

STAT3602* (S1)
Statistical Inference

STAT3612 (S1)
Statistical Machine Learning

STAT3613 (S1)
Marketing Analytics

STAT3617 (S2)
Sample Survey Methods

STAT3621* (S2)
Statistical Data Analysis

STAT3610 (S1)
Bayesian Learning

STAT3604 (NO)
Design and Analysis of Experiments

STAT3605* (S2)
Survival Analysis

STAT3620* (NO)
Modern Nonparametric Statistics

STAT3606 (S1)
Business Logistics

STAT3621* (S2)
Statistical Data Analysis

STAT3607 (NO)
Statistics in Clinical Medicine and Bio-medical Research

STAT3608 (NO)
Statistics in Clinical Medicine and Bio-medical Research

STAT3614 (S2)
Multivariate Data Analysis

STAT3609 (NO)
Statistical Genetics

STAT3615 (NO)
Statistical Genetics

STAT3616 (NO)
Statistical Genetics

STAT3617 (S2)
Sample Survey Methods

STAT3618 (NO)
Statistical Genetics

STAT3601* (S1)
Time-series Analysis

STAT3602 (S2)
Multivariate Data Analysis

STAT3603 (S1)
Modern Nonparametric Statistics

STAT3604 (NO)
Modern Nonparametric Statistics

STAT3605 (NO)
Modern Nonparametric Statistics

STAT3606 (NO)
Modern Nonparametric Statistics

STAT3607 (NO)
Modern Nonparametric Statistics

Color Scheme

- Pink: Year 1
- Yellow: Year 1 or 2
- Green: Year 2
- Purple: Year 2 or 3
- Brown: Year 3 or above

Border Scheme

- Solid: Offered by SAAS
- Dashed: Other Departments

Shape Scheme

- Rectangle: Core
- Rounded: Elective (at least 18 credits from List A*)

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 curriculum to fulfill the degree requirement of the First Major.
   Course replacement should only be applied for the other Major(s) or Minor(s).
(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 1/8/2023