

**(Study Scheme – English)**

<b>Minor Programme Title</b> Statistics	
<b>Study Scheme</b>	
<b>Applicable to all students admitted in 2019-20</b>	
<b>Minor Programme Requirement</b>	
Students are required to complete a minimum of 23 units of courses as follows:	
	Units
1. Required Courses: ERG2050, STA2002, 3050, 3100	11
2. Elective Courses: 12 units of courses from the following: CSC4008, DDA2020, STA3007, 3010, 3020, 3030, 4001, 4002, 4003, 4005, 4007, 4020, 4030	12
<b>Total:</b>	<hr style="width: 100px; margin-left: auto; margin-right: 0;"/> 23

(Study Scheme – Chinese)

副修課程名稱  
統計學

修讀辦法

二〇一九至二〇年度入學學生適用

副修課程要求

學生須至少修畢以下科目共 23 學分：

	學分
1. 必修科目： ERG2050, STA2002, 3050, 3100	11
2. 選修科目： 從以下選修 12 學分： CSC4008, DDA2020, STA3007, 3010, 3020, 3030, 4001, 4002, 4003, 4005, 4007, 4020, 4030	12
共：	<hr/> 23

## Course List

### I. Required Courses

Course Code	Course Title (English)	Course Title (Chinese)	Unit(s)
ERG2050	Introduction to Data Analytics	數據分析導論	3
STA2002	Probability and Statistics II	概率及統計（二）	3
STA3050	Statistical Software	統計軟件	2
STA3100*	Statistical Inference II	統計推斷（二）	3

### II. Elective courses

Course Code	Course Title (English)	Course Title (Chinese)	Unit(s)
CSC4008	Techniques for Data Mining	數據挖掘技術	3
DDA2020*	Machine Learning	機器學習	3
STA3007	Nonparametric Statistics	非參數統計	3
STA3010	Regression Analysis	迴歸分析	3
STA3020	Statistical Inference	統計推斷	3
STA3030	Survey Sampling	調查抽樣	3
STA4001	Stochastic Processes	隨機過程	3
STA4002	Multivariate Techniques with Business Applications	多元技術及其商業應用	3
STA4003	Time Series	時間序列	3
STA4005	Survival Modelling	生存數據模型	3
STA4007	Statistical Quality Control	統計品質控制	3
STA4020	Statistical Modelling in Financial Markets	金融市場的統計建模	3
STA4030	Categorical Data Analysis	範疇性數據分析	3

\* The course title of STA3100 is Advanced Statistics for students who study the course before 2021-22 term 1. For students who study this course from 2021-22 term 1, the course title is Statistical Inference II.  
在 2021-22 學年第一学期前修讀 STA3100，科目名稱為「高等統計」。在 2021-22 學年第一学期及以後修讀該課程，科目名稱為「統計推斷（二）」。

\* The course title of CSC4020 is Fundamental of Machine Learning for students who study the course before 2021-22 term 1. For students who study this course from 2021-22 term 1, the course code is DDA2020 and the course title is Machine Learning.  
在 2021-22 學年第一學期前修讀 CSC4020，科目名稱為「機器學習之基礎課程」。在 2021-22 學年第一學期及以後修讀該課程，科目代碼及名稱為「DDA2020 機器學習」。