Career Opportunities 就業前景

Admission Eligibility 入學資格
Secondary school students sitting for HKDSE, or
香港中學文憑試考生或
Direct entry admissions for local associate degree holders, international school graduates, and high school graduates from mainland China and overseas
非聯網申請者，包括持有相關學科的副學士
學位或高級文憑，大陸中國學校畢業生，內
地或國際學生

Further Information 更多資訊
JUPAS code: JS5412
Email: qsapgm@ust.hk
http://www.shss.ust.hk/ug/major/qsapgm
Admissions Office 入學辦事處
https://join.ust.hk

Quantitative Social Analysis 定量社會數據分析
JUPAS code: JS5412

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Division of Social Science 社會科學部
http://sosc.ust.hk/
https://www.facebook.com/hkust.sosc/

Admissions Office 入學辦事處
https://join.ust.hk

School of Humanities and Social Science
TEL: (852) 2358-7793
FAX: (852) 2358-1324
E-mail: qsapgm@ust.hk
# About the Program

The Bachelor of Science in Quantitative Social Analysis (QSA) prepares students for the rapidly growing number of positions in business, government, and the non-profit sector that involve the analysis of social data and interpretation and presentation of results. This is the first undergraduate program in Hong Kong that emphasizes a balanced training in social science and quantitative analysis, with the intent of producing a well-rounded graduate equipped for the workplace or postgraduate training.

Students will learn how to apply advanced quantitative methods to complex datasets in a way that accounts for the unique challenges associated with the analysis of social data, and reflects an understanding of existing social theory and evidence.

This Bachelor’s degree program is designed for students who desire to learn to use quantitative methods to study social phenomena. The program is ideal for students who would like to make use of their mathematic skills in the study of society, economics, politics, policy and related areas.

## Program Structure

The standard completion of this program is 4 years. Students must complete at least a total of 120 credits.

### A) Program Required Courses

#### Quantitative Methodology 量化方法
- Foundational mathematics courses
  - 大學基礎數學
- Applied methodological courses in SOSC, MATH and other units
  - 社會科學和應用數學
- Social Science Theory and Evidence 社會科學理論與證據
  - Topical courses in sociology, political science, economics and other disciplines
    - 包括社會學，政治學和經濟學等相關學科

#### Data Management 数据管理
- Programming
  - 撰寫程式

#### QSA Specific Courses QSA專有科目
- Students will develop experience carrying out analysis independently, demonstrate their ability to design and execute a project, and communicate the results with the following courses:
  - 於下列科目中建立獨立分析經驗，並於專題研究中發展及交流成果:

### B) Common Core Courses 大學核心科目

### C) Free Electives 自選科目

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**Credits**

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<td><strong>Practice</strong> 實踐課</td>
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