

**From:** "BSSc Programme in Data Science and Policy Studies"

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**Sent:** Thursday, November 8, 2018 11:39:57 AM

**Subject:** 24 Nov - Information Session of BSSc in Data Science and Policy Studies, CUHK (JUPAS Code 4893)

*Sent on behalf of Professor Wilson Wong*

Dear Principal / Career Teacher,

This is Bachelor of Social Science Programme in Data Science and Policy Studies of The Chinese University of Hong Kong (JUPAS Code: 4893). We have sent the attached leaflet and invitation letter of our Information Session to Career Teacher last week. In case you have not received the mail yet, below please find the details of our Information Session:

Date:	24 November 2018 (Saturday)	
Venue:	Li Koon Chun Hall, 3/F, Sino Building, Chung Chi College, The Chinese University of Hong Kong 中文大學崇基書院信和樓 3 樓李冠春堂 (map)	
Language:	Cantonese	
Rundown:	2:30 – 4:00PM	Career Planning for the i-Generation “i” 世代的生涯規劃  Speaker: Professor CHIU Chi-Yue, Dean of Faculty of Social Science
		Data Science and Big Data: Making Better Policies with New Technologies 數據科學與大數據: 透過新科技來改善政策  Speaker: Professor Wilson WONG, Programme Director of Data Science and Policy Studies
	4:00 – 5:00PM	Tea Reception

If you would like to join our information session, please complete this online registration form: <https://cloud.itsc.cuhk.edu.hk/mycuform/view.php?id=220220> or please email the attached registration form to [dsps@cuhk.edu.hk](mailto:dsps@cuhk.edu.hk) by 19 November (Monday).

It would be greatly appreciated if you could share the information about our Programme and Information Session to your colleagues and students. If you have further enquiries, please contact Ms. Rebecca Wong at 3943 4757 or [dsps@cuhk.edu.hk](mailto:dsps@cuhk.edu.hk).

Thank you for your support. We look forward to meeting you and your students.

Best regards,

Prof. Wilson Wong

Programme Director, BSSc Programme in Data Science and Policy Studies

The Chinese University of Hong Kong



# DATA SCIENCE AND POLICY STUDIES

The programme focuses on linking up the two interdisciplinary and transdisciplinary fields of data science and policy science to equip students with essential knowledge, skills and capacities to design innovative, big data-driven and evidence-based policy solutions to complex problems in society.



## Programme Highlights 課程特色

The Programme aims at training leaders and experts who do not only know data science well enough to apply it to make informed and good policy decisions but also communicate effectively with stakeholders.

- An interdisciplinary curriculum to enable students to acquire and integrate knowledge in the fields of policy studies, data mining and data analytics
- A wide range of interactive and experiential learning activities such as internship and capstone project that enable students to apply their learning to design and implement data-oriented policy solutions to different social issues
- Students are able to understand the latest global developments and connect with global talents in the fields of data science and social science through resident study overseas and collaborations with overseas institutions

# 數據科學與政策研究

數據科學與政策研究結合數據科學和政策科學兩個跨學科，使學生掌握必要的知識和技能，為複雜的社會問題設計以大數據為導向、以實證為基礎的創新政策方案。

本課程旨在培育領導人才和專才，能掌握及運用數據科學以制訂合適的政策，並與持份者充分溝通。

- 本跨學科課程融合政策研究、數據挖掘、分析等不同領域
- 以一連串互動及體驗式的學習活動如實習計劃及總結作業，讓學生應用所學，設計和實施不同社會議題的解決方案
- 透過海外學習及與海外機構合作，讓學生了解數據科學及社會科學的最新發展及結識各地精英

## Programme Curriculum 課程內容

COMPONENT 課程組成部分	COURSE 科目	UNITS 學分
Faculty Package 學院課程	Introduction to Policy Sciences and any 2 courses, offered by 2 different Programmes / Departments / Schools in Faculty of Social Science	政策科學入門及從社會科學院中兩個不同課程 / 學系 / 專業學院提供的兩個科目 9
Major Required Courses 主修必修科目	<ul style="list-style-type: none"> <li>● Foundation courses on the subjects of Data Science and Policy Studies, such as Data Science and Public Policy, Foundation of Data Science</li> <li>● Resident Study Overseas</li> <li>● Internship</li> <li>● Capstone Courses</li> </ul>	<ul style="list-style-type: none"> <li>● 數據科學及政策研究領域的基礎學科，如數據科學及公共政策、數據基礎科學</li> <li>● 海外留學</li> <li>● 實習</li> <li>● 總結科目</li> </ul> 27
Elective Courses 選修科目	<ul style="list-style-type: none"> <li>● Designated elective courses, such as Collaborative Governance in a Global Context, Data Science and Regulation</li> <li>● Social Science Disciplinary Courses; OR</li> <li>● Selected Technology Courses offered by Faculty of Science and Faculty of Engineering, such as Fundamentals of Machine Learning, Social Media and Human Information Interaction</li> </ul>	<ul style="list-style-type: none"> <li>● 指定的選修科目，如全球化下的協力治理、數據科學與監管</li> <li>● 社會科學學科科目；或</li> <li>● 由理學院及工程學院提供的精選科目，如機器學習之基礎課程、社交媒體與人際信息互動</li> </ul> 9

TOTAL 合共 72 units / 學分

## Admission Requirements 入學要求

Applicants shall have obtained in the Hong Kong Diploma of Secondary Education Examination (HKDSE) and fulfill the following requirements:

- Level 3 in English Language\* and Chinese Language;
- Level 3 in Mathematics (Compulsory Part)\*;
- Level 2 in Liberal Studies; and
- Level 3 in 2 Elective subjects OR 1 Elective subject & Mathematics Extended Part Module I or Module II

\* Subject weighting: 1.5x

申請人須於香港中學文憑考試獲取以下等級成績，以符合大學及課程最低入學要求：

- 英國語文科\*及中國語文科3級；
- 數學科(必修部分)\* 3級；
- 通識教育科2級；及
- 兩科選修科或一科選修科及數學延伸部分單元一/二達到3級

\* 科目比重: 1.5x