

# Master of Public Policy (MPP) 2018-2019







While advancements in science and technology have been rapidly expanding the range of solutions for tackling global challenges such as climate change and population ageing, science and technology innovations have also given rise to a complex set of ethical, institutional and legal issues for governments, non-profit and private entities. Public policy will play an increasingly important role in unlocking the full potential of science and technology in improving the human condition and achieving the Sustainable Development Goals.



An aerial photograph of the Hong Kong University of Science and Technology (HKUST) campus. The image shows modern university buildings, a large green lawn, and a dense forest. In the background, there are mountains and a body of water under a cloudy sky. A semi-transparent white box is overlaid on the right side of the image, containing text about the MPP program.

## MPP @ HKUST

Our Master of Public Policy (MPP) is an interdisciplinary program that equips students with knowledge of the full impact of science and technology innovations and professional skills in the formulation and implementation of innovative solutions to current and emerging global challenges. Situated in the Hong Kong University of Science and Technology (HKUST), a leading university in science and technology, the program draws from research and teaching excellence from across a diverse range of disciplines to equip students with a set of core skills in data analytics, economic analysis and management to become effective policy professionals.

Designed for students with diverse educational backgrounds, including social science, science, engineering, business, and other fields of study, this *two-year full-time* program consists of a core curriculum, a summer internship upon completion of year one, a second year client-based policy analysis project and elective courses allowing students to develop their areas of specialization. The first of its kind in Hong Kong, this program provides students with complete professional training that focuses on problem-solving skills with real-world cases and examples.

Our program places an emphasis on knowledge, analytic skills and management capacities that are highly transferable across sectors, issue areas and global regions. Graduates of the MPP may work as analysts, managers, researchers and consultants in a wide variety of organizations, including government agencies, non-profit organizations and private sector business. The training provided by the program is particularly relevant for policy professionals seeking to advance their careers in industries at the frontline of science and technology advancements, such as information technology and telecommunications, environment, energy, health care, transportation and finance.



## About HKUST

HKUST is a dynamic, international research university in relentless pursuit of excellence, leading advances in science, technology, business and humanities, and educating new generations of global front-runners. Since its official opening in October 1991, HKUST has established itself as an intellectual powerhouse, energizing the community's transformation into a knowledge-based society, and securing a place on the academic world map in record-breaking time.

In less than three decades, HKUST has risen rapidly in the global academic arena and has been ranked as one of the best universities in Asia and globally by global university rankings.

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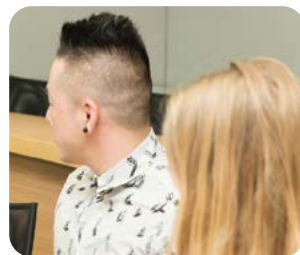
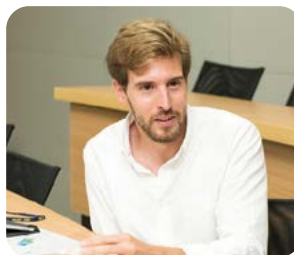
ASIAN TOP 200 YOUNG  
UNIVERSITIES, 2017  
(No.2 In the World)

12<sup>TH</sup>

### HKUST Graduates

Move Up to 12th Worldwide in employability,  
Tops Greater China  
(Global Employability University Ranking 2017)

OVER 250  
STUDENT EXCHANGE  
PROGRAMS



# Why Study Public Policy @ HKUST?

- *Hong Kong advantages* – As well as a gateway to mainland China, not least as a part of the Greater Pearl River Delta Area, Hong Kong is not only a global business, science and technology innovation hub, but also home to an extremely active cultural scene.
- *English as the only language for instruction* – 100% of courses in HKUST are taught in English, enabling full access to the world-class teaching and research across the university.
- *The complete professional training experience* – Fostering the development of skills and competencies essential for career success.
- *Affordable tuition* – Between one-third and one-half of the cost of comparable degrees in the US and the UK.
- *Guaranteed 12-month visa to work in Hong Kong after graduation* – Enabling students from outside Hong Kong to explore a myriad of training and career opportunities.
- *A world-class faculty* – Trained in some of the best universities in the world, our faculty members have established themselves as leading scholars in their fields, and many of them have had extensive experience advising national government bodies, international organizations and major corporations.

## Curriculum

The degree requires the completion of 48 credit hours (most courses are three credit hours). All students admitted onto the MPP will be required to complete the program on a full-time basis, a minimum of 12 credits and up to a maximum of 15 credits of coursework per semester.

### Core Courses (24 credits)

The required core courses provide students with a grounding of the various perspectives, skills, and tools that policy professionals must possess to develop and manage policies effectively.

- Foundations in Public Policy
- Microeconomics and Public Policy
- Quantitative Analysis and Empirical Methods
- Public Policy Analysis
- Evidence in Public Policy
- Public Management and Leadership
- Policy Analysis Project (I & II)

### Elective Courses (24 credits)

Students expand analytical skills attained through the core courses with 24 credits of elective courses focusing on today's most relevant policy areas and applied analytical methods. In addition to elective courses offered by the Division of Public Policy, MPP students are offered opportunities to broaden their perspectives through courses offered by HKUST Business School, the School of Engineering, the School of Humanities and Social Science, and the Division of Environment and Sustainability. The ability to offer access to a diverse range of electives across the university is a key strength of the HKUST MPP in comparison to programs elsewhere.

## Areas of Specialization

As part of their 48 credits, MPP students have the option to specialize in one of the two following specializations: *science, technology and innovation policy* or *environmental policy and sustainability*. A specialization consists of at least four 3-credit courses, of which at least two are offered by the Division of Public Policy. Students pursuing this option must choose their elective coursework based on the requirements for specialization.

Science, Technology and Innovation Policy. The specialization provides students with the opportunity to acquire knowledge and skills that are essential to professional careers in areas where science and technology are guided by public policy or where science and technology play an integral role in the formulation and implementation of innovative solutions.

Environmental Policy and Sustainability. This specialization provides students with the opportunity to acquire the tools, methodologies, interdisciplinary perspectives, and substantive topical knowledge necessary to be effective policy professionals in public, non-profit, and private organizations that cover a broad spectrum of issues relating to the environment and natural resources.

## Client-based Policy Analysis Project

The Policy Analysis Project is the capstone module of our MPP program. It aims to provide students with a valuable, engaging, educational and professional experience. It is a year-long project for which students work in teams of four to six people on challenges, issues and problems facing real-world organizations. Students will have opportunities to apply the knowledge and skills that they have learnt from the MPP program to analyze policy issues, develop solutions and produce professional reports for the client organizations.





# Structure of the Program

## 1st Term (12 credit)

- Foundations in Public Policy
- Microeconomics and Public Policy
- Quantitative Analysis and Empirical Methods
- Elective 1

## 2nd Term (12 credit)

- Public Policy Analysis
- Evidence in Public Policy
- Public Management and Leadership
- Elective 2

## 3rd Term (12 credit)

- Policy Analysis Project I
- Elective 3
- Elective 4
- Elective 5

## 4th Term (12 credit)

- Policy Analysis Project II
- Elective 6
- Elective 7
- Elective 8

## Internships

Students with little or no prior working experience are strongly encouraged to strengthen their career preparedness and broaden their placement opportunities by taking up an internship during the summer between the first and second-year of study. Typically structured as ten weeks of full-time work in government agencies, non-profit organizations and private sector entities, such internships help students clarify their career direction, assist them to gain practical and professional experience, and enable them to establish a professional network.



# Faculty Profile



## Prof. Stuart GIETEL-BASTEN

PhD in Historical Demography, University of Cambridge

### Research interests

- Population and policy in Asia



## Prof. Sunny Yangguang HUANG

PhD in Economics, University of Washington

### Research interests

- Industrial organization;
- Quantitative marketing;
- Applied microeconomics;
- Applied econometrics



## Prof. Joseph Hun-wei LEE

PhD in Civil Engineering, Massachusetts Institute of Technology

### Research interests

- Hydraulics/fluid mechanics;
- Water resources system analysis and management;
- Flooding;
- Environmental management;
- Science and technology policy



## Prof. Kira MATUS

PhD in Public Policy, Harvard University

### Research interests

- Innovation for sustainable development;
- Sustainable production and consumption/sustainable manufacturing;
- Green Chemistry and engineering;
- Science advice in public policy;
- Regulation of emerging technologies;
- Sustainability science



## Prof. Albert Francis PARK

PhD in Applied Economics, Stanford University

### Research interests

- Applied economics;
- Development economics;
- Labor economics;
- Chinese economy





### **Prof. Gerald Roe PATCHELL**

PhD in Geography, Simon Fraser University

#### **Research interests**

- Sustainable development;
- Environmental economic geography



### **Prof. Naubahar SHARIF**

PhD in Science and Technology Studies, Cornell University

#### **Research interests**

- Innovation and technology policy in Hong Kong and China;
- Belt and Road Initiative



### **Prof. James K L WONG**

PhD in Government, London School of Economics

#### **Research interests**

- Environmental politics and policy;
- Deliberative democracy and governance;
- Theories of Institutional design



### **Prof. Xiaogang WU**

PhD in Sociology, University of California, Los Angeles

#### **Research interests**

- Social inequality;
- Social stratification;
- Demography;
- Gender;
- Family



### **Prof. Xun WU**

PhD in Public Policy Analysis, University of North Carolina at Chapel Hill

#### **Research interests**

- Water resource management;
- Health policy;
- Anti-Corruption;
- Policy design and innovations

# Admission Requirements

## General admission requirements of the University:

- A Bachelor's degree from a recognized institution, or an approved equivalent qualification;
- English Language admission requirements set out by the University

Applicants have to fulfill English Language requirements with one of the following proficiency attainments:

Proficiency Test	Minimum Scores
TOEFL-iBT	80
TOEFL-iBT	550
TOEFL-Revised paper-delivered test (effective from 2018/19 admission)	60 (total scores for Reading, Listening and Writing Sections)
IELTS (Academic Module)	Overall score: 6.0 and All sub-scores: 5.5

Applicants do not need to present TOEFL or IELTS score if

- their first language is English, or
- they obtained the bachelor's degree (or equivalent) from an institution where the medium of instruction was English.

## Program-specific information for applicants:

- Interest and motivations: Applicants should make a strong case for their interest in pursuing a professional degree in public policy.
- Selected applicants will be invited to face-to-face interviews or video conferencing/phone interviews by the admission committee





# Tuition Fees and Scholarships

## Tuition Fees

HK\$240,000: This includes two years of full-time enrollment (for 48 credits total).

## Scholarships

The Division of Public Policy is committed to supporting students in pursuit of academic excellence and who demonstrate outstanding achievement through contributions to the community, leadership and progressive social change.

Subject to funding availability, scholarships may be given to selected awardees based on academic and professional excellence. Scholarships are granted to selected students in the form of tuition reduction.



## Application Procedures

All applicants should submit their application documents through <http://pg.ust.hk/admissions> to the Postgraduate Outreach and Admission Team (PGOA) of HKUST before 1st June 2018 (or before 15th July 2018 for applicants from Hong Kong). ***Early applications are recommended as admissions offers will be made on a rolling basis. Late applications may be considered on a first-come-first-serve basis.***

Application Deadlines for 2018/2019 Admission

### For applicants from outside Hong Kong

1 June 2018

### For applicants from Hong Kong

15 July 2018

Website: <http://ppol.ust.hk>

QR code:



## Admission Enquiries:

Postgraduate Outreach and Admissions (PGOA)  
Office of Postgraduate Studies  
The Hong Kong University of Science and Technology  
Clear Water Bay, Kowloon, Hong Kong

Tel.: (852) 2623 1120

Email: [gradmit@ust.hk](mailto:gradmit@ust.hk)

Online Enquiry Form:

<https://pg.ust.hk/cgi-bin/pg/eng/contact.php>

Website: <https://pg.ust.hk/>

## Program Enquiries:

Ms. Christina Lai  
Division of Public Policy  
The Hong Kong University of Science and Technology  
Clear Water Bay, Kowloon, Hong Kong

Tel.: (852) 3469 2001

Email: [ppolmpp@ust.hk](mailto:ppolmpp@ust.hk)