



DEPARTMENT OF  
**GEOGRAPHY & RESOURCE MANAGEMENT**  
The Chinese University of Hong Kong



# 地理与资源管理学系

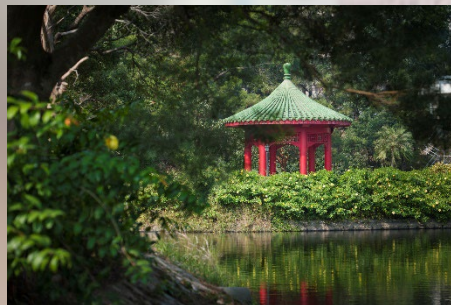
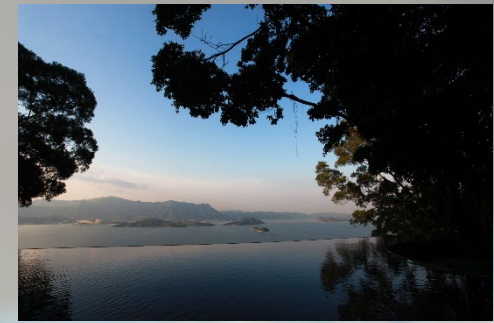
**Academic Counselling Session  
for Mainland Students  
August 2023**



# 香港中文大學

The Chinese University of Hong Kong

- **A first-class comprehensive research university with bilingual and multicultural dimensions**
- **Ranked highly in Asia and the world in recognition of its academic excellence**
- **Internationally diversified faculty and students**
- **One of the most beautiful and greenest campuses in the Asia-Pacific**



# College System 书院制度



**Chung Chi College**



**CW Chu College**



**Lee Woo Sing College**



**Morningside College**



**New Asia College**



**Shaw College**



**S.H. Ho College**



**United College**



**Wu Yee Sun College**

# Faculties, Departments and Programmes

## 学院、学系、课程

### Faculties 学院

- Arts
- Business Administration
- Education
- Engineering
- Law
- Medicine
- Science
- Social Science

社会科学

### Faculty of Social Science 社会科学院

- Architectural Studies
- Data Science and Policy Studies
- Economics
- Gender Studies
- Geography and Resource Management
- Global Communication
- Global Economics and Finance (jointed offered w/ the Business School)
- Global Studies
- Government and Public Administration
- Journalism and Communication
- Psychology
- Social Work
- Sociology
- Urban Studies

### 地理与资源管理学系





Our department ranked **24<sup>th</sup>** among 230 geography programmes in the world in 2023  
本学科课程在全球前二百三十位地理学课程中排行**第二十四位**。

**according to QS World University Rankings**  
(<https://www.topuniversities.com>)  
**based on academic reputation,**  
**employer reputation, and faculty research**



# Geography at CUHK 中大地理

1950s

History (1956)  
History and Geography (1960)  
United College (1956)

History and Geography (1953)  
Chung Chi College (1951)

1963

Establishment of  
CUHK

1964

Geography (1964)  
United College

Geography (1970)  
Chung Chi College

1978

Geography, CUHK

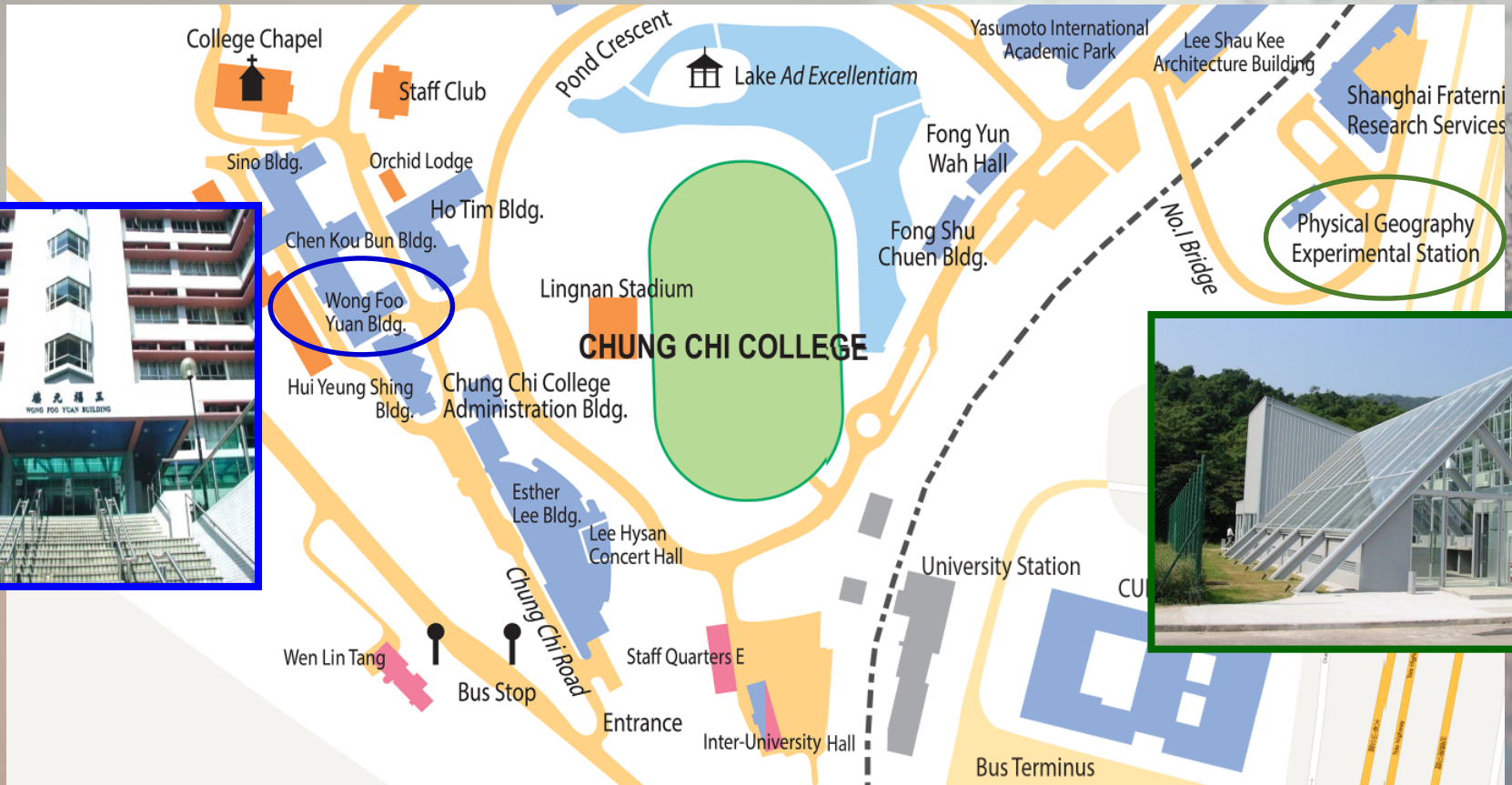
2001

Geography and Resource Management, CUHK

2012

Urban Studies Programme  
(jointly organized with School of Architecture)

# Where are We? 我们的位置



# Teaching and Learning Team

## 教学人员

**In 2022-23**

- **22 Full-time Academic Staff** 教员
  - 7 Professors
  - 4 Associate Professors
  - 6 Assistant Professors
  - 1 Senior Lecturer
  - 3 Lecturers
  - 1 Professional Consultant
- **11 Affiliated Members** 附属成员
  - 5 Adjunct Professors
  - 1 Adjunct Associate Professors
  - 1 Adjunct Assistant Professor
  - 4 Emeritus Professors
- **3 Teaching Assistants** 教学助理
- **45 Graduate Assistants** 研究生助理
- **334 Students** 学生
  - 216 undergraduate students
  - 118 postgraduate students





# Teaching and Research Awards

## 教学与研究奖项



### CUHK Professor Mei-Po Kwan Receives 2021 AAG Wilbanks Prize for Transformational Research in Geography

First Asian Researcher  
winning this honour



### GRM professors listed in 2023 best scientists ranking

In the 2023 edition of Research.com ranking of best scientists, five GRM professors are listed as top researchers in four fields:

- Social Sciences and Humanities: Prof. Mei-Po Kwan, Prof. Jianfa Shen
- Earth Science: Prof. Yongqin David Chen
- Environmental Sciences: Prof. Ngar-Cheung Lau
- Computer Science: Prof. Yee Leung

For more details on the ranking, please visit <https://research.com/>



# Degree Programmes 学位课程

## ● UGC-funded 教资会资助课程

- Bachelor of Social Science in GRM  
地理与资源管理学社会科学学士
- Bachelor of Social Science in Urban Studies  
(jointly organized with School of Architecture)
- M.Phil.-Ph.D. Programme
  - Master of Philosophy Stream
  - Doctor of Philosophy Stream

## ● Self-financed 自资课程

- Master of Social Science in Sustainable Tourism
- Master of Science in Geoinformation Science and Smart Cities



# GRM Graduation Requirement

## 2023-24年度课程毕业要求（四年制）

### (4-year curriculum, 2023-24)

Complete at least 123 units of courses including:

**(1) Department requirements 嫫簣銜標**

A minimum of 60 units of GRMD courses: 10 required courses of 24 units and 12 elective courses of 36 units

**(2) Faculty requirements 嫫鍬銜標**

3 Faculty Package courses of 9 units offered by GRM and 2 other different departments/schools, including **GRMD1401 A World of Diversity 多元世界面面观**

**(3) University requirements 堅嫫銜標**

13 units of language courses (English and Chinese), 19 units of General Education courses, 3 units of “Digital Literacy and Computational Thinking”, 1 unit of “Understanding China”, 1 unit of “Hong Kong in the Wider Constitutional Order”, and 2 units of Physical Education courses

**(4) Remaining units 倣丰嫫孺** in minor and/or elective courses of your own choice

#### Year 1

Foundation Course (required)  
基礎課程（必修）

Field Studies in Hong Kong  
香港野外考察

Faculty Package Courses  
學院課程科目

#### Year 2-Year 4

Major Required Courses  
主修課程必修科目

Major Elective Courses  
主修課程選修科目

Non-local Field Studies I & II  
境外考察 I & II

#### Year 4

Capstone Final Year Thesis  
畢業論文

# GRM Programme Requirement 2023-24

## 2023-24年度课程毕业要求

### Major 主修 (4-year curriculum 四年制)

Complete a minimum of **60 units** of courses

- **5 required courses** (15 units in total)
- **3 Field Studies courses** (3 units in total)
  - Field Studies in Hong Kong
  - Non-local Field Studies I
  - Non-local Field Studies II
- **2 Final Year Thesis courses** (6 units in total)
  - FYT I
  - FYT II
- **12 elective courses** (36 units in total)

### Concentration Area 专修范围

Students may choose to declare one, or up to two concentration areas by taking at least 12 units in the relevant area(s)

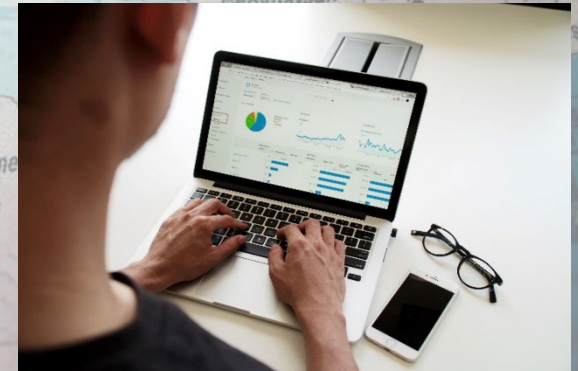
### Minor 副修

Complete a minimum of 18 units of courses, among which at least 6 units are at 3000 level or above

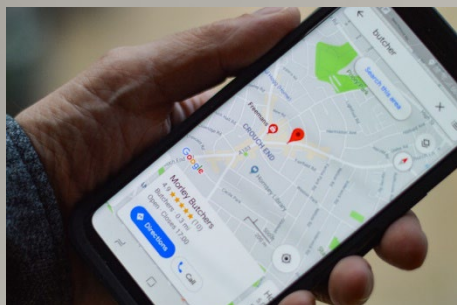
# Required Courses for Major Programme

## 主修课程必修科目

- **Faculty Package Course (required)**  
学院课程科目(必修)
  - GRMD1401  
*A World of Diversity*
- **Foundation Course (required)**  
基础课程科目(必修)
  - GRMD1403  
*Resources, Society and Environment*
- **Other Required Courses 其他必修科目**
  - GRMD2102  
*Fundamental Statistics for Geographers*
  - GRMD2105  
*Introduction to GIS*
  - GRMD3102  
*Research Design and Methodology*
  - GRMD3301  
*Geography of China*



# Concentration Areas 专修范围



**Geo-spatial  
Data Science**  
地理空间数据  
科学



**Smart  
Sustainable  
Cities**  
永续·智慧城市

**Physical  
Environment  
and Resource  
Management**  
自然环境与资源  
管理

**Urban and  
Regional  
Development**  
城市与区域发  
展



# Geo-spatial Data Science 地理空间数据科学

Level程度	Courses科目
Level 2/3	<b>GRMD2104 Remote Sensing of Environment 遥感环境</b> GRMD3104 Satellite Image Analysis 卫星图像分析 <b>GRMD3106 Advanced GIS 高级GIS</b> GRMD3108 Cartography and Geovisualization 地图学及地理信息可视化 GRMD3403 Methods for Resource Evaluation and Planning 资源评估与规划方法
Level 4/5	GRMD4101 GIS Workshop 地理信息系统工作坊 GRMD4502 Urban Big Data Analysis and Application 城市大数据分析及应用 GRMD5110 Statistical Applications in Geography 地理学统计应用

**At least 1 course from GRMD2104 or GRMD3106 + any other 3 courses**  
**从以上科目选修四科，其中从GRMD2104或GRMD3106选修至少一科**

# Physical Environment and Resource Management

## 自然环境与资源管理

Level程度	Courses科目
Level 2/3	GRMD2209 <i>Physical Geology</i> 自然地质学
	GRMD2221 <i>Weather and Climate</i> 天气与气候
	GRMD2401 <i>Sustainable Development</i> 可持续发展
	GRMD2402 <i>Natural Resource Management</i> 自然资源管理
	GRMD2403 <i>Nature Conservation in Hong Kong</i> 自然保育在香港
	<b>GRMD3202 <i>Environmental Management</i> 植坚罗玃</b>
	GRMD3203 <i>Urban Environmental Problems</i> 城市环境问题
	<b>GRMD3205 <i>Geomorphology</i> 嗲諗嫒</b>
	GRMD3209 <i>Soil Science</i> 土壤学
	GRMD3224 <i>Tourism Planning and Management</i> 旅游规划与管理
	GRMD3403 <i>Methods for Resource Evaluation and Planning</i> 资源评估与规划方法
GRMD3404 <i>Natural Hazards and Human Responses</i> 自然灾害与人类反应	
Level 4	GRMD4202 <i>Hydrology and Water Resources</i> 水文与水资源
	GRMD4203 <i>Ecosystem Restoration and Management</i> 生态系统修复及管理
	GRMD4204 <i>Environmental Planning and Assessment</i> 环境规划与评估
	GRMD4401 <i>Energy Resources for Carbon Neutrality</i> 碳中和时代的能源资源

**At least 1 course from GRMD3202 or GRMD3205 + any other 3 courses**  
**从以上科目选修四科，其中从GRMD3202或GRMD3205选修最少一科**



# Urban and Regional Development

## 城市与区域发展

Level程度	Courses科目
Level 2/3	GRMD2303 <i>Urban Geography</i> 城市地理学
	<b>GRMD2321</b> <i>Economic Geography</i> 经济地理学
	GRMD2501 <i>Theory and Practice of Smart Cities</i> 智慧城市：理论与实践
	GRMD3302 <i>Population and Migration</i> 人口与迁移
	GRMD3304 <i>Cultural Geography</i> 文化地理学
	GRMD3305 <i>Transport Geography</i> 运输地理学
	<b>GRMD3323</b> <i>Urban and Regional Planning</i> 城市与区域规划
Level 4	GRMD4302 <i>Urban Planning Workshop</i> 城市规划工作坊
	GRMD4402 <i>World Development</i> 世界发展透视
	GRMD4503 <i>Smart City Policies and Governance</i> 智慧城市政策与治理

**At least 1 course from GRMD2321 or GRMD3323 + any other 3 courses**  
**从以上科目选修四科，其中从GRMD2321或GRMD3323选修最少一科**

# Smart Sustainable Cities

## 永续·智慧城市

Level程度	Courses科目
Level 2/3	<p><b>GRMD2501</b> <i>Theory and Practice of Smart Cities</i> 救悞嚙峙螺猕誑鱧婁</p> <p>GRMD3106 <i>Advanced GIS</i> 高级地理信息系统</p> <p>GRMD3203 <i>Urban Environmental Problems</i> 城市环境问题</p> <p>URSP2800 <i>Urban Form, Sense of Place and Well-being</i> 城市面貌·地方感和身心社灵健康</p> <p>URSP2900 <i>Recommoning</i> 共有资产的再思</p> <p>URSP3600 <i>Designing Smart Cities</i> 设计智能城市</p>
Level 4	<p>GRMD4502 <i>Urban Big Data Analysis and Application</i> 城市大数据分析及应用</p> <p>GRMD4503 <i>Smart City Policies and Governance</i> 智慧城市政策与治理</p>

**GRMD2501 + any other 3 courses**  
**GRMD2501 · 及从以上科目选修三科**

# **Academic Honesty 學術誠信**

**CUHK places very high importance on honesty in academic work submitted by students, and adopts a policy of zero tolerance on academic dishonesty.**

**While "academic dishonesty" is the overall name, there are several sub-categories, including but not limited to:**

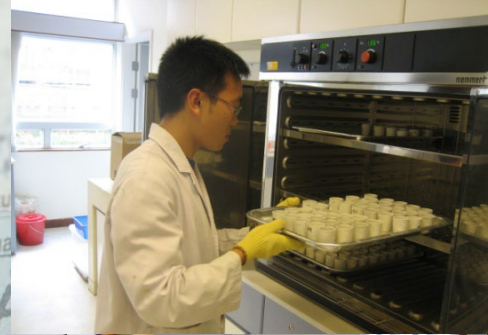
- Plagiarism**
- Undeclared multiple submissions**
- Employing or using services provided by a third party to undertake ones' submitted work, or providing services as a third part**
- Distribution/ Sharing/ Copying of teaching materials without the consent of the course teachers to gain unfair academic advantage in the courses**
- Cheating in tests and examinations**
- Impersonation fraud in tests and examinations**

**Any related offence will lead to disciplinary action including termination of studies at the University.**

**<https://www.cuhk.edu.hk/policy/academichonesty/>**

# Laboratory Facilities 实验室设施

- Wong Chun Hong Smart City Laboratory (FYB 222)
- Spatial Analysis and Intelligence Lab
- Soils and Geomorphology Lab
- Earth Resources Laboratory
- Environmental Lab
- Landscape Lab
- Hydrology and Climatology Lab



# Wong Chun Hong Smart City Laboratory

## 黃俊康智慧城市實驗室



# Physical Geography Experimental Station 自然地理实验站

- Air Quality Monitoring Station
- Weather Station
- Greenhouse
- Rainfall Simulation Laboratory



# Local Field Studies (Field Camp and Course-based Trips)

## 本地考察



# Non-Local Field Studies

## 境外考察

- Africa (2010)
- Australia (1996, 2002, 2005, 2008)
- Canada (2007)
- Europe (2009, 2013, 2016)
- Gansu (2006-2019 yearly)
- Guangxi (2001, 2005, 2008, 2012, 2015)
- Jiangxi (1996, 2008, 2010, 2012, 2014, 2016, 2018)
- Malaysia (2016)
- Pearl River Delta (1998, 2002, 2005, 2017)
- Shanghai (1998, 1999, 2003, 2006, 2009, 2013)
- Shanghai/Nanjing (2017, 2023)
- Silk Road (2004)
- Singapore/Malaysia (2004, 2006, 2011, 2015, 2019)
- Taiwan (2004, 2007, 2012, 2017)
- Thailand (2019, 2023)
- Three Gorges Region (2002, 2006, 2010, 2013, 2019)
- USA (2011, 2015, 2018)
- Xinjiang (1999, 2000)
- Yunnan (2011, 2014)
- **2023 (tentative): Europe, Guizhou, Japan, Malaysia**
- **2024 (tentative): Gansu, Shanghai-Nanjing, Thailand, UK**





# Scholarships and Awards for Students

## Majoring in GRM (tentative list for 2022-23)

### 2023-24年度为本科生而设的奖学金及助学金的名单（暂定）

- **CUGRMAA Research Scholarship** 「中大地资系校友会研究奖学金」
- **Dr. Tam Sai-wing Prize in Physical Geography** 「谭世荣博士自然地理学奖」
- **Dr. Tam Sai-wing Research Scholarship** 「谭世荣博士研究奖学金」
- **ESRI China (HK) Scholarship** 「ESRI中国（香港）奖学金」
- **Lam Chiu Ying Final Year Thesis Prize** 「林超英毕业论文奖」
- **Lam Chiu Ying Outstanding Student Award** 「林超英优秀学生奖」
- **Royal Geographical Society - Hong Kong Scholarship**  
「皇家地理学会香港奖学金」
- **Leung Ping Chung Admission Scholarship** 「梁秉聪入学奖学金」
- **Vinda Environmental Conservation Scholarship** 「维达环境保育奖学金」
- **Lam Chiu Ying Bursaries** 「林超英助学金」
- **Mr. and Mrs. Guo Ziwen Bursaries** 「郭梓文、江敏儿伉俪助学金」
- **Vic Ho Bursaries** 「何永恒助学金」

# Mentorship Programme

## 师承计划

- Since September 2001
- Professionals and alumni as mentors
- 1 mentor to 2-3 mentees of Year 2+
- Informal education



# Internship Programme 实习计划

Partner government departments and private institutions in the past 3 years:  
过去三年参与计划的机构名单 (包括政府部门和私人机构):

Ambit Geospatial Solution Limited	Kadoorie Farm and Botanic Garden
Carbon Care Asia Limited	Kaifong Tour
Carbon Care InnoLab Limited	Land Education Foundation Limited
Designing Hong Kong Limited	Liber Research Community (HK) Company Limited
Discovery Bay Golf Club	Pegasus Greenland Limited
Esri China (Hong Kong) Limited	SEE Network Limited
Friends of the Earth (Hong Kong) Charity Limited	The Conservancy Association
Geocarto International Centre Ltd.	The Hong Kong Cricket Club
GeoSys Hong Kong Limited	WWF Hong Kong
Green Sense	

# Academic Advisory System

## 学业指导计划

- **Every student is assigned with a Level I academic advisor**
- **Advisors meet their advisees at least once a year**
- **Role of advisors**
  - **Give advice on academic matters (e.g. course selection, adaptation to University learning modes, disciplinary fundamentals...)**
  - **Provide information on whole-person development opportunities**
- **Matching results will be announced by email in September**

# Research Centre and Institutes

(Led by GRM faculty members) 本系教员领导的研究中心与研究所

## Centre for Environmental Policy and Resource Management (CEPRM)

环境政策和资源管理研究中心 (Director: LAI Yuk Fo Derrick)

## Institute of Environment, Energy and Sustainability (IEES)

环境、能源与可持续发展研究所 (Associate Director: FUNG Tung, Program Leader: XU Yuan, Senior Advisor: Gabriel LAU)

## Institute of Future Cities (IOFC)

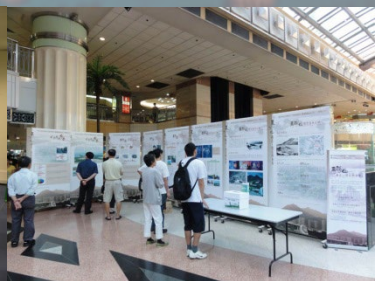
未来城市研究所 (Director: FUNG Tung, Associate Director: NG Mee Kam)

## Institute of Space and Earth Information Science (ISEIS)

太空与地球信息科学研究所 (Director: Mei-Po KWAN)

## Hong Kong Institute of Asia Pacific Studies (HKIAPS)

香港亚太研究所 (Associate Director: NG Mee Kam, Director of Research Centre for Urban and Regional Development: SHEN Jianfa)



# GRM Student Society 本系系会



# Staff-Student Activities of the big GRM Family 师生课外活动

Career Talk 职业讲座



Lunch Gathering 午餐聚会



Department Outing  
师生大旅行

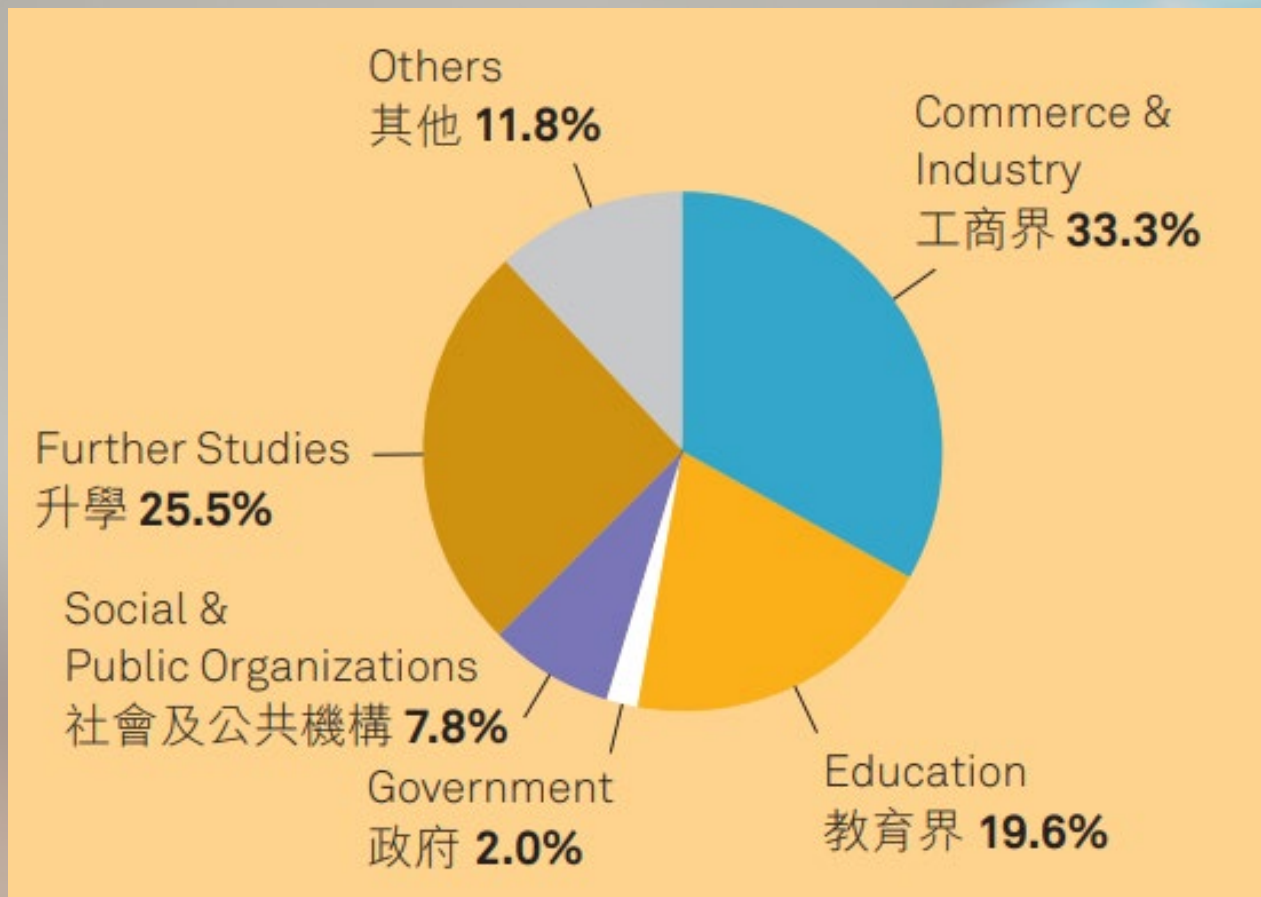


Graduation Banquet  
毕业生晚宴



# Employment Statistics 2021

## 2021 年毕业生出路



Source: Office of Student Affairs, CUHK

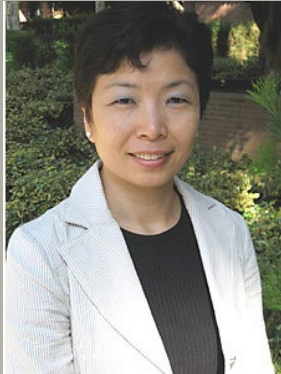


# Career Opportunities

## 毕业生可投身之行业

Categories	Positions
Professional	Town Planning Consultant, Environmental Consultant, GIS Analyst, Soil Resource Management, Country Park Management, Landscape Architect, Research Associate
Education	Primary and Secondary School Teacher, School Principal, Professor/Lecturer
Civil Service	Administrative Officer, Executive Officer, Town Planner, Conservation Officer, Computer Cartographer, Housing Officer, Education Officer, Fire Inspector, Assistant Curator, Forestry Officer
Commerce & Industry	Secretary/Executive Assistant, Human Resources Executive, Marketing Executive, Financial Consultant, Banking Executive, Public Relations Executive, Property Management Executive, Real Estate Agent, Insurance Agent, Logistics Executive, Radio Programme Officer, Reporter, Aircrew

# Alumni 杰出校友



**Prof. Cindy FAN**

Vice Provost for International Studies and Global Engagement & Professor, UCLA

范芝芬  
美国加州大学副校长及地理系教授



**Mr. LAI Ming Fai Kevin**

Press Secretary to Financial Secretary, Financial Secretary's Private Office, HKSAR Government

黎明晖  
财政司司长新闻秘书



**Mr. LO Foo Cheung, JP**

Chairman of FC Packaging Holding Limited

罗富昌 太平绅士  
永富容器集团有限公司 主席



**Prof. KWAN Mei-Po**

Choh-Ming Li Professor of Geography and Director of Institute of Space and Earth Information Science, CUHK

关美宝  
香港中文大学卓敏地理与资源管理学教授 及  
太空与地球信息科学研究所所长



**Ms. NGAR Yuen-ngor**

Senior Country Parks Officer Agriculture, Fisheries and Conservation Department, HKSAR Government

魏远娥  
渔农自然护理署 高级林务主任

THANK YOU

