

The Chinese University of Hong Kong
BSSc Degree in Geography and Resource Management



香港中文大學
The Chinese University of Hong Kong

香港中文大學
地理與資源管理學系
學士學位課程

Handbook
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Geography is a comprehensive discipline which is not only intellectually exciting, but also highly practical. It helps us understand a wide variety of complicated problems of enormous importance in socio-economic development, resource management, and environmental protection, and find solutions for urban and regional sustainability.

地理學是一門既生動有趣又非常實用的綜合性學科，幫助我們了解當今世界紛繁複雜的資源、環境和社會發展等重要問題，探索城市與區域可持續發展的方法與路徑。

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Introduction

引言

Geography is more than maps, place names and rock types. In fact, geography is so much more than just locations and facts. It is a multi-disciplinary subject encompassing diverse knowledge within the social and natural sciences. It emphasizes the study of interactions among human activities and the natural environment, and many factors contributing to socio-economic, environmental and resource management problems as well as their solutions.

Resources have always been a central focus of interest in Geography. To understand, utilize and manage resources in a geographical context is crucial for the betterment of humankind. Our modern society in the age of globalization faces many great challenges such as resource depletion, population explosion, environmental pollution, and climate change. Geographical science and geoinformation technology can play a vital role in understanding these issues and finding solutions for the sustainable development of human society. Our programme of studies aims to equip students with knowledge and skills in geography and resource management and thus to help them better prepare for a career and professional development after graduation.

The mission of our Department is to equip students with geographical knowledge and skills with an emphasis on effective resource management pertinent to the sustainable development of the human race. “Resources” cover all kinds of natural and environmental resources, while “Management” focuses on their spatial monitoring, assessment and analysis, optimal allocation and utilization.

地理學不只與地圖、地名和石頭種類有關。其實地理學蘊含更廣泛的意義。它是一門跨學科、包含廣闊社會和自然科學知識的學問。地理學側重研究人類活動與自然環境之間的互動關係，並探討導致各種社會經濟、環境和資源管理問題的原因及其解決方法。

資源歷來都是地理學研究和應用的重點。運用地理學角度去理解、利用和管理資源對於人類的福祉非常重要。全球化時代的現代社會面臨著種種巨大挑戰，例如資源耗盡、人口爆炸、環境污染和氣候變化。地理科學和地理信息技術對了解這些問題和尋找人類社會可持續發展的出路發揮著重大作用。本系課程旨在培養學生在地理和資源管理學方面的知識和技能，從而使他們在畢業之後更好地擇職、就業和服務社會。

我們的任務和使命在於拓展和傳授地理學的知識和技能，尤其強調如何通過有效的資源管理從而達致人類可持續發展的目標。「資源」包括所有的自然與環境資源，而「管理」則集中於對這些資源的空間監察、評估和分析、最優分配和利用。

Geography and Our World

地理學與我們的世界

To help you understand more about Geography and Resource Management, this section briefly highlights the latest developments in the following areas:

為了增加你對地理與資源管理學科的認識，請細閱以下範疇最新發展的簡介。

Geoinformation Science

地理信息科學

Human and Physical Environment

人類與自然環境

Urban Planning

城市規劃

Ecotourism

生態旅遊

Regional Development of Hong Kong and Mainland China

香港與中國內地的區域發展

Global Change and Resource Management

全球變化與資源管理

Smart Sustainable Cities

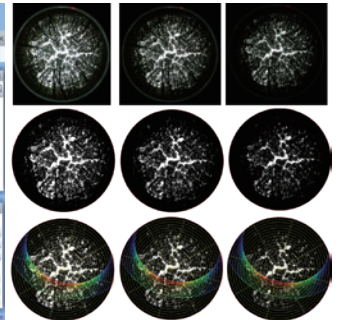
永續·智慧城市

Geoinformation Science 地理信息科學

Our daily lives are made more convenient with the advent of modern IT. The internet, mobile phones, digital cameras and iPad are so appealing that they have utterly transformed the way we live, play, work and study. The study of Geography has also benefited from these trends with the development of geographic information science, or the IT for Geography. Geographic information system (GIS) is utilized to answer questions and make decisions. A vivid example is the use of satellite images in assessing the impacts of earthquake on settlements and surrounding environment after the 2008 Sichuan earthquake. GIS is also used to present and visualize abstract ideas or incidents. For instance, can you imagine noise being colored and presented as 3D models? In reality, many government departments are using GIS to plan their cities, protect the environment and manage their ecological resources. Many students are fascinated by its power in making geographical studies so enjoyable.



現代信息科技為我們的生活帶來無比方便。互聯網、手機、數碼相機、iPad……信息科技確是引人入勝，也改變了我們的生活、遊戲、工作和學習的模式。隨著這種趨勢的發展，地理學中也出現了地理信息科學或地理學的信息科技。地理信息系統（GIS）主要用來解答問題和幫助決策。2008年四川大地震後，衛星圖像就用來評估地震對城鎮及附近環境所造成的破壞。地理信息系統也可用來表達一些抽象的概念或現象，有沒有想像過噪音原來可以是一個彩色繽紛的立體模型呢？在現實中，很多政府部門都用GIS來規劃城市、保護環境和管理生態資源。不少同學都感到地理信息科學確實使地理學習更添樂趣。



Contradictions always exist in the relations between human beings and physical environment. It is often difficult to maintain a harmonious relationship which is vital for the development and future of human society. On one hand, it is necessary for human to rely on natural resources and environment for survival and development. On the other hand, human has been facing threats from natural hazards including earthquake, volcanic eruption, flooding, typhoons, drought, tsunami, etc. As a consequence of rapid economic development and population growth, environmental quality has been deteriorating and natural resources have been depleted, leading to many environmental problems such as global warming, ozone layer depletion, soil erosion, etc. These are concrete examples alerting us on the bad consequences caused by human activities.

Thus, the harmony between human beings and physical environment as well as the mitigation of natural hazards are two important issues that we must face and handle seriously.

Our students are exposed to advanced study of many subjects like hydrology, geomorphology, pedology, biogeography and climatology. This background knowledge is useful for further understanding environmental problems and resource management in Hong Kong and around the world. Efforts to minimize threats from natural hazards and impacts caused by human activities will enable us to put our development on a sustainable track.

GRM offers many courses that are relevant to the physical and environmental systems including Weather and Climate, Geomorphology, Soil Science, Environmental Management, Urban Environmental Problems, Ecosystem Restoration and Management, Hydrology and Water Resources and Environmental Planning and Assessment. Graduates are able to develop their careers in environmental management, air and water pollution control, environmental impact assessment, natural and cultural heritage conservation and policy making for sustainable development.

Human and Physical Environment 人類與自然環境

人類和自然環境的關係，從來就是充滿矛盾的。天人本應合一，但不時亦出現不和諧的局面。人類的生存和發展依賴自然資源與環境。人類也同時要面對諸如地震、火山爆發、水災、風災、旱災、海嘯等自然災害的威脅。當人類過於自信，以為人定勝天，急速發展的時候，大自然也在悄然變化。全球暖化、臭氧層變薄和水土流失等現象都是人類活動所帶來的惡果。

如何協調人類與自然的關係和預防自然災害是我們必須認真面對的難題，極需要我們共同努力才能解決。地資系畢業生對各

自然地理範疇包括水文、地貌、土壤學、生態學、生物地理學和氣候學有著深入的理解，能運用多方面的專業知識探討環境與資源管理問題，減少自然災害對人類的威脅以及人類活動對自然環境所造成的損害，達至可持續發展的目標。地資系提供多個有關自然與環境系統的科目，包括天氣與氣候、地貌學、土壤學、環境管理、城市環境問題、生態系統修復及管理、水文與水資源和環境規劃與評估。畢業生適合擔當環境管理、空氣和水污染防治、環境影響評估、自然和文化遺產保護以及可持續發展的政策制定等工作。

Urban Planning

城市規劃



Urban planning is an important tool in allocating scarce resources to meet social, economic and environmental needs at different geographical scales. As a process of guiding the use of land and other resources, urban planning is closely related to the field of Geography. Urban geography focuses on how people interact with the built environment, shaping unique spatial relationships and urban development trajectories. Economic geography helps students evaluate the roles of different international and local actors in shaping global, regional and city development. The study of geography helps us identify the dynamic and complex forces underlying land use changes. This will provide an essential understanding of the spatial context that gives rise to various planning issues such as harbor reclamation, urban renewal and the challenge of sustainable urban development. Students can also take the planning workshop course to learn the essential skills for solving these complex urban problems.

城市規劃的主要任務是分配有限的資源，以滿足不同地域範疇的社會、經濟和環境方面的需要。作為指導土地和其他資源運用的一個過程，城市規劃與地理學科是息息相關的。城市地理學探討人與城市建成環境的互動，以及此互動如何塑造獨特的空間關係和城市發展軌跡。而經濟地理學則幫助學生瞭解國際和城市層面的不同持份者如何塑造全球、區域和城市的發展。地理學可以幫助我們更好地掌握空間發展規律，明白各種複雜的力量如何重塑城市、如何引發各種規劃議題，如填海、市區重建和城市可持續發展等。學生還可以選讀規劃工作坊，學習解決這些複雜城市問題的竅門。



Bird-watching in Mai Po, hiking and strolling through country parks, dolphin watching, snorkelling, scuba diving, learning about nature.... More and more Hong Kong people are attracted to nature-based leisure activities, signifying a new trend in the pursuit of quality of life. What does it really mean when we talk about “ecotourism” or “nature-based tourism”? How ecological are the activities being marketed as ecotours in Hong Kong nowadays? What are the multi-dimensional impacts of nature-based tourism on the destinations? How can these activities be regulated to achieve more good than bad?

Growing in popularity all over the world, ecotourism or nature-based tourism is becoming an important trend in Hong Kong and Mainland China. It is a multi-disciplinary subject that requires an integrated approach to understand. How do geographers consider this kind of tourism that, with careful planning

and management, can satisfy economic, environmental, social and cultural concerns? What should be the key for achieving sustainable tourism development?

Our programme offers different courses that help students to understand this branch of knowledge in tourism geography and sustainable tourism. Through lectures, tutorials, fieldtrips and projects, students learn to analyse Hong Kong's potential to develop nature-based tourism in a sustainable manner. Many of our students have also chosen interesting topics in this area for their Final Year Theses. Interested in finding out more? Come on board and explore with us!

到米埔觀鳥、往郊野公園遠足、乘船出海觀海豚、浮潛或海底潛水...追求生活質素成為新趨勢，愈來愈多香港人喜歡在閒暇時回歸大自然。我們在談論「生態旅遊」或「大自然旅行」時，意指什麼呢？現時本港的生態旅遊團所辦的活動有否顧及環境生態？自然旅遊對目的地有何多方面的影響？這類旅遊活動應如何受監管，以達致利多於弊呢？

跟世界各地一樣，生態旅遊這一新興活動在香港及中國內地已漸普及。然而，生態旅遊是一門跨

學科的學問，必須從宏觀角度、整合各學科的知識來研究。地理學家是如何從經濟、環境、社會及文化各方面去探討這類新興的旅遊活動呢？他們又如何建議政府及私人機構妥善規劃及管理生態旅遊呢？實現旅遊業可持續發展的關鍵是什麼？

地資系提供多個科目，讓學生充分了解旅遊地理和可持續旅遊這一門學問，透過課堂、導修、實地考察、個案研習等，探討及分析香港開發可持續自然旅遊發展的潛力。不少同學亦選擇與生態旅遊相關之課題作為畢業論文的題材呢！你是否想了解旅遊學多一些？那麼，請加入地資行列，與我們一起去探索這門學科的奧秘吧！

Ecotourism and Sustainable Tourism Development

生態旅遊和可持續旅遊發展



Development in China has been a rapid but uneven process. The Pearl River Delta, Yangtze River Delta and Bohai Bay Region are the most economically advanced regions in China. As a world city, Hong Kong is an important bridge linking mainland China and the world, with important roles in *Belt and Road Initiative* and *the Guangdong-Hong Kong-Macao greater bay area*. Hong Kong's economy has been increasingly integrated with the Pearl River Delta region. But the economic relationship between Hong Kong and the Pearl River Delta has become more and more complicated. Both competition and cooperation exist. Hong Kong is also facing increasing competition from mainland cities such as Shanghai, Guangzhou and Shenzhen. Rapid development has also resulted in many urban and regional problems that need to be solved by government officials, planners, NGOs and businessmen.

Graduates with background training in Geography and Resource

Management develop a good understanding of the opportunities and challenges in the rapid urban and regional development in Hong Kong and mainland China, which is vital to many jobs in government departments, transnational corporations and NGOs in Hong Kong and elsewhere.

GRM offers many courses that are relevant to urban and regional development, such as Geography of China, Understanding Guangdong-Hong Kong-Macao Greater Bay Area, Sustainable Development, Urban Geography, Urban and Regional Planning, Urban Planning Workshop, World Development, Economic Geography, and Transport Geography. Fieldwork and projects are offered to experience and analyze urban and regional development. Another strength of our graduates is their ability to apply the concepts of sustainable development and competitiveness for urban and regional development.



Regional Development of Hong Kong and Mainland China

香港與中國內地的區域發展

中國的發展迅速但並不均衡。珠江三角洲、長江三角洲和環渤海是中國最發達的地區。作為世界城市，香港是中國內地與世界的重要橋樑，在一帶一路與粵港澳大灣區發展中起重要作用。隨著香港與珠江三角洲日益融合，兩地的經濟關係也變得日益複雜，競爭與合作並存。同時香港亦正面對上海、廣州和深圳等內地城市的競爭。快速的區域發展也產生了眾多城市與區域問題，需要政府官員、規劃師、非政府組織與商界共同努力才能解決。

地資系畢業生對香港與中國內地的城市與區域發展帶來的機遇與

挑戰有深入理解，適合擔當香港乃至世界各地有關政府部門、跨國公司及非政府組織的工作。

課程提供各類城市與區域發展科目，如中國地理、透視粵港澳大灣區、可持續發展、城市地理學、城市及區域規劃、城市規劃工作坊、世界發展透視、經濟地理學、運輸地理學等。通過實地考察和項目報告讓學生體驗並分析城市與區域發展的相關課題。地資系畢業生的另一個優勢是熟練運用可持續發展與競爭力的概念，分析城市與區域發展中的問題。

Our modern world is often defined by its modern use of natural resources, such as energy, water and eco-system. For Hong Kong with severe resource constraints, resource management is critical for her survival and prosperity in the rapidly changing world. Multiple oil crises in the past decades and widespread electricity shortages in developing countries distinguish the importance of secure and reliable energy supply. Water is becoming a more and more important strategic resource in regional development and geopolitics. Nature provides several pivotal functions for the society and, partly via tourism, caters for economic and leisure activities.

Sustainable development cannot be achieved without sustainable resource management. On the one hand, resource depletion could fundamentally threaten the very existence of a society. The worry over depleting fossil fuels like coal, oil and natural gas raises demand for sustainable energy such as wind and solar energy. The availability of water resources shapes the carrying capacity of a region. On the other hand, the negative impacts on the environment have become increasingly serious. The associated emissions of conventional air pollutants and significant water consumption deteriorate local and regional air quality and damage ecosystems. Carbon dioxide emissions from energy consumption have been held responsible for the alarming climate change based on sound scientific evidences.

Public policy plays an important role in resource management and environmental protection to minimize the negative impacts and maximize the positive ones. Courses and training in our department enrich students with knowledge on various natural resources and the methods, advantages and disadvantages of their utilization. Students will be exposed to different policy instruments to understand their application and design. Furthermore, a particular focus of the training will be on the skills of independent thinking and in-depth analysis to employ the knowledge for finding solutions to real-world problems of natural resources and the environment.

當今世界建構在對於自然資源的現代利用。香港資源極度短缺，資源管理對於她在快速變化的世界中生存和繁榮有著至關重要的作用。過去幾十年中的多次石油危機以及發展中國家普遍的電力短缺凸顯了安全可靠的能源供應的重要性。水在區域發展和地緣政治中成為一種越來越重要的戰略資源。自然的諸多核心功能對於社會不可或缺，而且部分通過旅遊滿足經濟和休閒的需要。

可持續發展離不開可持續的資源管理。一方面，資源枯竭可以威脅一個社會的基本生存。化石能源如煤、石油和天然氣日益枯竭，增加了人類對可再生能源的需求。水資源的多寡限制了一個地區的承載力。另一方面，對於環境的負面影響也變得越來越嚴重。能源使用需要排放污染物以及消耗大量水資源，會加劇空氣污染，損害生態系統。能源使用中產生的二氧化碳已經被證明是造成氣候變化的重要因素。

公共政策在減少資源使用的負面影響和加大正面影響方面扮演著重要的角色。本系的課程和訓練讓學生得以了解各種主要自然資源的相關知識、如何利用這些資源、利弊等。學生也將接觸多種政策工具的應用和設計。同時，本系的課程與訓練也特別強調培養獨立思維和深度分析技巧，讓學生利用所學尋找現實世界中資源環境問題的解決方案。

Global Change and Resource Management

全球變化與資源管理



Smart Sustainable Cities

永續 · 智慧城市

Accelerated globalisation and urbanisation have posed many challenges to cities, including resource depletion, climate change, global warming and socio-economic polarisation. The emerging digital revolution if harnessed smartly, can contribute to a better understanding, analysis and resolution of such issues. Smart planning, smart transport and smart grid can reduce resource consumption and greenhouse emissions, thus ameliorating climate change and global warming. Big data analytics, crowd-sourcing, digital engagement, sharing of information and views could be essential platforms to promote the development of a more inclusive society, polity and economy. The ambitious programmes of building smart cities in Hong Kong, mainland China and many other countries involve new ethical and moral issues, giving rise to an urgent need of nurturing talents who can employ creatively cutting-edge technologies to develop socio-economically and ecologically sustainable cities. Students specialize in this concentration will master the principles of smart sustainable cities and the basic approaches and techniques in big data analysis, planning and management of smart cities.

加速的全球化與城市化對城市帶來各種挑戰，當中包括資源枯竭、氣候變化、全球暖化，以及社會經濟兩極化等難題。目前興起的數字革命若應用得宜，有助我們理解、分析和解決上述問題。智慧規劃、智能交通和智能電網可以減少資源消耗和溫室氣體的排放，從而減緩氣候變化和全球暖化。大數據分析、眾包、社交媒體互動和信息與意見共享有助包容性社會、政治和經濟的發展。香港、中國內地，以至世界各地都積極發展智慧城市，引發新的道德議題。社會急需要培養能夠創造性地運用尖端技術建設社會、經濟和生態永續城市的人才。修讀此專修範圍的學生，可深入理解永續智慧城市的原則，並掌握大數據分析、智慧城市規劃和管理的基本方法與技術。



Programme of Studies

課程綱要

Our department offers a full-time undergraduate programme with a curriculum for training students to be equipped with comprehensive knowledge and professional skills in geography and resource management. After completing all the credit unit requirements as listed on the next page, students will graduate with a degree of Bachelor in Social Science. The diagram on the right shows the major components of our departmental programme of studies and highlights their sequence from freshman year to graduation. Our teaching methods include not only the traditional classroom lectures, but also small group tutorial discussion and student presentation, case studies, and field study trips to local and non-local destinations.

Geography is a broad and integrated subject with many areas of specialization dealing with the physical environment and human society. Our curriculum maintains a good balance between the physical and human dimensions of geography and meanwhile emphasises on the geoinformation techniques mainly including GIS and remote sensing, as well as the topics of resource management and smart sustainable cities. As shown in the list of courses, our curriculum is divided into four concentration areas: (1) [Geo-spatial Data Science](#), (2) [Physical Environment and Resource Management](#), (3) [Smart Sustainable Cities](#), and (4) [Urban and Regional Development](#).

本系開辦全日制本科生課程，為學生提供全面的通才教育及地理與資源管理專業培訓。課程按學分制設計，下頁列出了修課學分要求。學生完成所有學分要求後，始准畢業並獲得社會科學學士學位。右圖顯示了本系課程的重點內容和學生從入學到畢業的修課順序。我們的教學模式除了傳統課堂教學外，還包括小組導修、學生報告、實驗、案例分析、境內外實地考察等。

地理學是一門全面與綜合的學科，涉及自然環境與人類社會的眾多專業領域。與此相應，本課程充分融合了自然地理與人文地理的專業內容，同時也十分強調地理信息技術（如地理信息系統與遙感）資源管理和永續智慧城市等議題。如課程目錄所示，本課程分為四大專修範圍：(1) [地理空間數據科學](#)；(2) [自然環境與資源管理](#)；(3) [永續·智慧城市](#)；(4) [城市與區域發展](#)。

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

Graduation Requirements 畢業要求

Major Programme Requirement

For graduation, students are required to complete at least 123 units of courses including:

- **Department Requirements (60 units)**
A minimum of 60 units of GRM major courses, consisting of 10 required courses of 24 units and 12 elective courses of 36 units
- **Faculty Requirements (9 units)**
3 faculty package courses of 9 units (offered by GRM and 2 other different departments/schools)
- **University Requirements (39 units)**
15 units of language courses (English & Chinese), 1 unit of IT foundation course, 21 units of General Education courses & 2 units of Physical Education courses
- The remaining units in minor and/or elective courses of a student's own choice.

Minor Programme Requirement

Students are required to complete a minimum of 18 units of courses, among which at least 6 units are at 3000 level or above.

主修課程要求

學生須至少修畢科目123學分，始准畢業。有關修讀科目及學分要求如下：

- **學系要求 (60學分)**
主修課程至少60學分，包括必修科目十科共24學分和選修科目十二科共36學分。
- **學院要求 (9學分)**
學院課程科目三科共9學分（由本系及本系以外兩個不同的社科學系/學院提供）。
- **大學要求 (39學分)**
語文科目（英文及中文）15學分、資訊科技基礎課程1學分、通識教育科目21學分及體育科目2學分。
- 其餘學分由學生自行選擇。

副修課程要求

學生須至少修畢科目共18學分，其中至少6學分屬課程編號3000或以上。



Concentration Areas 專修範圍

Our curriculum is divided into four concentration areas:

本課程分為四大專修範圍：



Course List 課程目錄

Geo-spatial Data Science 地理空間數據科學

GRMD2102	Fundamental Statistics for Geographers	地理學統計初階
GRMD2104	Remote Sensing of Environment	環境遙感
GRMD2105	Introduction to GIS	地理信息系統導論
GRMD3102	Research Design and Methodology	研究設計與方法
GRMD3104	Satellite Image Analysis	衛星圖像分析
GRMD3106	Advanced GIS	高級地理信息系統
GRMD3108	Cartography and Geovisualization	地圖學及地理信息視覺化
GRMD3403	Methods for Resource Evaluation and Planning	資源評估與規劃方法
GRMD4101	GIS Workshop	地理信息系統工作坊
GRMD4502	Urban Big Data Analysis and Application	城市大數據分析及應用
GRMD5110	Statistical Applications in Geography	地理學統計應用

Physical Environment and Resource Management 自然環境與資源管理

GRMD1401	A World of Diversity	多元世界面面觀
GRMD1402	Global Change and Environmental Sustainability ^	全球變化與環境可持續性 ^
GRMD1403	Resources, Society and Environment	資源、社會與環境
GRMD2209	Physical Geology	自然地質學
GRMD2221	Weather and Climate	天氣與氣候
GRMD2401	Sustainable Development	可持續發展
GRMD2402	Natural Resource Management	自然資源管理
GRMD2403	Nature Conservation in Hong Kong	自然保育在香港
GRMD3202	Environmental Management	環境管理

GRMD3203	Urban Environmental Problems	城市環境問題
GRMD3205	Geomorphology	地貌學
GRMD3209	Soil Science	土壤學
GRMD3224	Tourism Planning and Management	旅遊規劃與管理
GRMD3403	Methods for Resource Evaluation and Planning	資源評估與規劃方法
GRMD3404	Natural Hazards and Human Responses	自然災害與人類反應
GRMD4202	Hydrology and Water Resources	水文與水資源
GRMD4203	Ecosystem Restoration and Management	生態系統修復及管理
GRMD4204	Environmental Planning and Assessment	環境規劃與評估
GRMD4401	Energy Resources	能源資源

Smart Sustainable Cities 永續 · 智慧城市

GRMD2501	Theory and Practice of Smart Cities	智慧城市：理論與實踐
GRMD3106	Advanced GIS	高級地理信息系統
GRMD3203	Urban Environmental Problems	城市環境問題
GRMD4502	Urban Big Data Analysis and Application	城市大數據分析及應用
GRMD4503	Smart City Policies and Governance	智慧城市政策與治理
URSP2800	Urban Form, Sense of Place and Well-being #	城市面貌，地方感和身心社靈健康 #
URSP2900	Recommoning #	共有資產的再思 #
URSP3600	Designing Smart Cities #	設計智慧城市 #

Urban and Regional Development 城市與區域發展

GRMD1003	Understanding China through Cultural Landscape	文化景觀 探識中國
GRMD1301	Understanding Guangdong-Hong Kong-Macao Greater Bay Area	透視粵港澳大灣區
GRMD1302	People, Space and Place ^	人 · 空間 · 地方 ^
GRMD1401	A World of Diversity	多元世界面面觀
GRMD2303	Urban Geography	城市地理學
GRMD2321	Economic Geography	經濟地理學

GRMD2501	Theory and Practice of Smart Cities	智慧城市：理論與實踐
GRMD3301	Geography and China	中國地理
GRMD3302	Population and Migration	人口與遷移
GRMD3304	Cultural Geography	文化地理學
GRMD3305	Transport Geography	運輸地理學
GRMD3323	Urban and Regional Planning	城市與區域規劃
GRMD4302	Urban Planning Workshop	城市規劃工作坊
GRMD4402	World Development	世界發展透視
GRMD4503	Smart City Policies and Governance	智慧城市政策與治理

Other Courses 其他科目

GRMD1001	Field Studies in Hong Kong	香港野外考察
GRMD2001	Non-local Field Studies I	境外考察（一）
GRMD3001	Non-local Field Studies II	境外考察（二）
GRMD3002	Field Studies in China	中國野外考察
GRMD3003	Field Studies in Taiwan	臺灣野外考察
GRMD3004	Field Studies in Southeast Asia	東南亞野外考察
GRMD3005	Field Studies in Australia	澳大利亞野外考察
GRMD3006	Field Studies in Europe	歐洲野外考察
GRMD3007	Field Studies in North America	北美洲野外考察
GRMD3008	Field Studies in Africa	非洲野外考察
GRMD4001	Final Year Thesis I	畢業論文（一）
GRMD4002	Final Year Thesis II	畢業論文（二）
GRMD4003	Special Topics in Geography and Resource Management I	地理與資源管理專題研習（一）
GRMD4004	Special Topics in Geography and Resource Management II	地理與資源管理專題研習（二）

Faculty Package Courses 學院科目

ARCH1001	Introduction to Architecture: People and Places #	建築學導論：人與地 #
ARCH1002	Understanding Cities #	認識城市 #
COMM1110	Media and Everyday Life #	媒體·生活 #
COMM1120	Development of Mass Communication #	大眾傳播的發展 #
DSPS1001	Introduction to Policy Sciences #	政策科學入門 #
ECON1210	Economics and Society #	經濟學與社會 #
ECON1220	Contemporary Economic Thinking #	當代經濟思想 #
ECON2011	Basic Microeconomics #	基本個體經濟學 #
GLSD1001	Introduction to Global Studies I #	全球研究導論(一) #
GPAD1020	Fundamentals of Government #	政治學初基 #
GPAD1076	Thinking Politically #	政治思考 #
GPAD1077	Critical Debates in Hong Kong #	香港的重大爭辯 #
GRMD1302	People, Space and Place ^	人·空間·地方 ^
GRMD1401	A World of Diversity	多元世界面面觀
GRMD1402	Global Change and Environmental Sustainability ^	全球變化與環境可持續性 ^
PSYC1000	General Psychology #	心理學概論 #
PSYC1630	Communication for Healthy Relationship #	溝通與良好人際關係 #
SOCI1001	Introduction to Sociology #	社會學導論 #
SOCI1201	Hong Kong Society: Identities and Boundaries #	香港社會：身份與界限 #
SOWK1001	Introduction to Social Work and Social Welfare #	社會工作及社會福利導論 #
SOWK1113	Self-Development in the Changing Society #	社會轉變中的自我發展 #
SOWK1114	From Understanding to Empowering the Socially Disadvantaged #	弱勢社群：從認識到增權 #
URSP1001	Introduction to Urban Studies #	城市研究導論 #
URSP1002	Urban Studies in a Nutshell #	城市「多面體」#

Offered by other academic units 由其他學術部門提供

^ Not applicable to GRM major students 不適用於地資系主修生

Admission Requirements

JUPAS Applicants

The minimum eligibility to apply is 4 core and 2 elective subjects, with the minimum requirements for the 4 core subjects of Chinese Language, English Language, Mathematics, Liberal Studies and the 2 New Senior Secondary (NSS) elective subjects at levels 332233 in the Hong Kong Diploma of Secondary Education Examination (HKDSE) respectively. Applicants' performance in best five subjects will be considered in the selection process, and bonus points will be awarded to additional subjects.

Subject	Level
Chinese Language	3
English Language	3
Mathematics	2
Liberal Studies	2
2 Elective Subjects	3

Applicants shall be considered on the basis of the results they obtained in HKDSE, and their academic and extra-curricular achievements. If they are invited to attend an interview, their performance at the interview will also be taken into consideration.

Admission Scores and Grades (HKDSE)

<http://admission.cuhk.edu.hk/jupas/requirements.html>
(Refer to "Programme Requirements")

Weighting of Different Subjects

English Language 1.50, Chinese Language 1.00, Mathematics 1.00, Liberal Studies 1.00 and 2 New Senior Secondary (NSS) elective subjects 1.00.

Non-JUPAS Applicants

Applicants with other qualifications (for example, GCE-AL, IB, HKALE, Associate Degree/Higher Diploma) should apply for admission through non-JUPAS.

For details, please visit the website of Office of Admissions and Financial Aid at <http://admission.cuhk.edu.hk>



入學成績要求

大學聯招生

入學申請最低要求為四個核心科目另加兩個選修科目。四個核心科目：中國語文、英國語文、數學及通識教育和兩個選修科目於香港中學文憑考試的最低等級要求分別為332233。申請人最佳5科成績會予以考慮，而額外選修科目可獲加分。

科目	等級
中國語文	3
英國語文	3
數學	2
通識教育	2
兩個選修科目	3

申請人在香港中學文憑考試所取得的成績和其課外活動的成績就是收生的重要考慮因素。申請人若被邀請出席面試，其面試表現亦會予以考慮。

- 入學成績（香港中學文憑考試）

<http://admission.cuhk.edu.hk/jupas/requirements.html>

- 不同科目的比重

四科必修科的比重分別為：英國語文1.50，中國語文1.00，數學1.00，通識教育1.00，兩科選修科的比重為1.00。

非大學聯招生

持有香港中學文憑以外資歷（例如GCE-AL、IB、HKALE、副學士/高級文憑等）的學生，須循非聯招方法申請入學。

詳情請參閱入學及學生資助處網頁：

<http://admission.cuhk.edu.hk>



Field Studies

野外及實地考察

Field teaching is an integral part of Geography. Under the supervision of faculty members, students have many opportunities for conducting field practicum in Hong Kong, mainland China and overseas. Such experience can enhance students' understanding of real-world problems and supplements what they have learnt in class. At the same time, it strengthens the relationship between teachers and students. In recent years, our students have visited places in the mainland China, North America, Europe, Africa, Australia and South-East Asia.

In order to broaden the students' horizons and knowledge base through exposure to non-local environments, the Department has made Field Studies a compulsory course in the curriculum.

野外工作與實地考察是研習地理的重要方法之一。老師每年數次帶領學生在本港、國內及海外進行野外考察與實習，使同學們對各種地理現象和問題有更深入的了解及體會，拓寬世界視野，同時亦加強師生關係和溝通。近年同學們曾到過中國內地、北美、歐洲、非洲、澳洲及東南亞的地方作實地考察。



Facilities

教研設施

The Department maintains well-equipped laboratories and other facilities for teaching and research purposes.

Laboratories:

- Spatial Analysis and Intelligence Laboratory
- Geographic Information Systems and Remote Sensing Laboratory
- Soils and Geomorphology Laboratory
- Environmental Laboratory
- Hydrology and Climatology Laboratory
- Landscape Laboratory
- Earth Resources Laboratory
- Air Quality Monitoring Station
- Automatic Weather Station
- Greenhouse
- Rainfall Simulator

Other facilities:

- Reference Room
- Maps Room (with an extensive collection of local and overseas maps)

本系擁有多個設備完善的實驗室和設施，以供教學和研究之用。

實驗室：

- 空間分析與空間智能實驗室
- 地理信息系統及遙感實驗室
- 土壤及地貌實驗室
- 環境實驗室
- 水文與氣候實驗室
- 景觀實驗室
- 地球資源實驗室
- 空氣質素監測站
- 自動氣象站
- 溫室實驗室
- 降雨模擬實驗室

其他設施：

- 參考資料室
- 地圖室（收藏豐富的本地和海外地圖）



Scholarships and Awards

獎學金及助學金

With generous donations from our alumni and institutions, the Department offers a number of scholarships to award students with outstanding academic performance; to subsidise students who are financially in need and also to encourage and support fieldwork in postgraduate researches. Scholarships and awards for students majoring in Geography and Resource Management (2020-21) include:

- CUGRMAA Research Scholarship
- Dr. Tam Sai-wing Prize in Physical Geography
- Dr. Tam Sai-wing Research Scholarship
- Esri China (HK) Scholarship
- Lam Chiu Ying Final Year Thesis Prize
- Lam Chiu Ying Outstanding Student Award
- Lam Chiu Ying Bursaries
- Leung Ping Chung Admission Scholarship
- Mr. and Mrs. Guo Ziwen Bursaries
- Royal Geographical Society-Hong Kong Scholarship
- Vic Ho Bursaries
- Vinda Environmental Conservation Scholarship
- Zhongjian Dongfang Gao's Scholarship for Resource Management Study



有賴多位熱心的畢業生和機構的慷慨捐款和支持，學系設立多個獎學金及助學金，頒發給成績優異的學生、援助有財政困難的學生，並鼓勵及支持研究生的實地考察工作。以下是2020-21年度獎學金及助學金的名單：

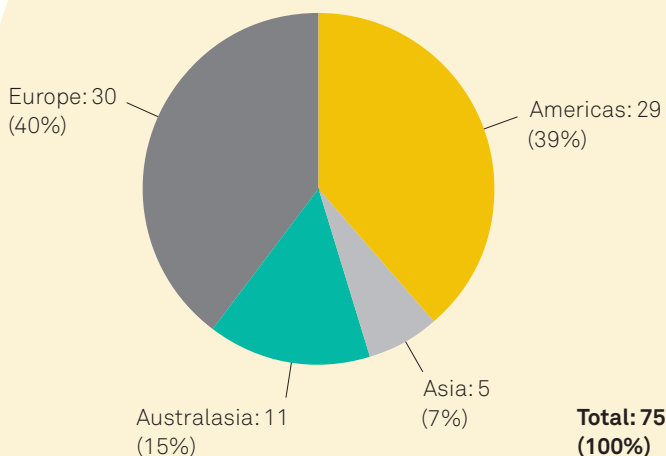
- 中大地資系校友會研究獎學金
- 譚世榮博士自然地理學獎
- 譚世榮博士研究獎學金
- Esri中國（香港）獎學金
- 林超英畢業論文獎
- 林超英優秀學生獎
- 林超英助學金
- 梁秉聰入學獎學金
- 郭梓文、江敏兒伉儷助學金
- 皇家地理學會香港獎學金
- 何永恆助學金
- 維達環境保育獎學金
- 中建東方高氏資源管理研究獎學金

Exchange Opportunities

交換生計劃

The Department encourages students to participate in exchange programmes in order to enhance their all-round development. Through exchange programmes, students can immerse themselves in a different culture, meet people from around the globe, learn from new perspectives and improve language skills while studying in the exchange partner institutions. Below is the list of exchange partner institutions that our students have visited through the programme in 2016-2021:

學系致力鼓勵學生參加交換生計劃，以培育既擁有專業知識和獨立思考，又具備國際視野之人才，以達至全人發展。通過交換生計劃，學生置身在不同文化的學習環境中，認識不同國籍的同學，從而擴闊眼界、學習新思維及多角度分析，同時亦能有效地改善語言技巧。以下是2016-2021年本系學生透過計劃所到訪的大學：



Americas

- American University
- McGill University
- Occidental College
- Queen's University
- Rensselaer Polytechnic Institute
- San Diego State University
- Tecnológico de Monterrey
- University of Calgary
- University of Hawaii at Manoa
- University of Massachusetts Amherst
- University of Ottawa
- University of Pennsylvania
- University of Redlands
- University of South Carolina
- University of Tennessee
- University of Toronto
- Western University
- York University

Asia

- National University of Singapore
- Ritsumeikan Asia Pacific University
- Sungkyunkwan University
- Universiti Brunei Darussalam

Australasia

- La Trobe University
- Macquarie University
- The University of Auckland
- The University of New South Wales
- The University of Queensland
- The University of Western Australia
- University of South Australia

Europe

- Freie Universität Berlin
- Katholieke Universiteit Leuven
- Leibniz Universität Hannover
- Lund University
- Maastricht University
- The University of Dublin
- The University of Manchester
- Tilburg University
- Université Jean Moulin Lyon 3
- University of Aberdeen
- University of Gothenburg
- University of Helsinki
- University of Lausanne
- University of Leeds
- University of Liverpool
- University of Oulu
- University of Southampton
- Uppsala University
- Utrecht University

Internship Programme

實習計劃

The Department has been actively involved in teaching and research across the disciplines of urban planning, environmental management, soil science, landscape ecology, ecotourism and resource management. Over the past years, our students have taken part in internship arrangements with various organizations in order to gain practical working experience in various fields. Below is the list of organizations participating in the internship programme in the past three years:

- Ambit Geospatial Solution Limited
- Business Environment Council Limited
- Carbon Care Asia Limited
- Carbon Care InnoLab Limited
- Creative Trend Company Limited
- Designing Hong Kong
- Dimap HK Pty Limited
- Discovery Bay Golf Club
- Esri China (Hong Kong) Limited
- Friends of the Earth (Hong Kong) Charity Limited
- Geocarto International Centre Limited
- Green Sense
- Hong Kong In-media
- Kadoorie Farm and Botanic Garden
- Land Education Foundation Limited
- Liber Research Community (HK) Company Limited
- Pegasus Greenland Limited
- SEE Network Limited
- The Conservancy Association
- The Hong Kong Countryside Foundation
- The Hong Kong Jockey Club
- Tripwint International Company Ltd.
- The Jockey Club Kau Sai Chau Public Golf Course Limited
- WWF-Hong Kong

學系一直致力於城市規劃、環境管理、土壤學、景觀生態學、生態旅遊及資源管理等範疇的教學和科研活動。本系亦在幾年前開辦實習計劃，安排同學在暑假期間於不同的機構實習，以幫助同學獲取不同領域和範疇的工作經驗，為日後投身社會工作作準備。以下是過去三年參與計劃的機構名單：

- 宏圖空間信息顧問有限公司
- 商界環保協會有限公司
- 低碳亞洲有限公司
- 低碳想創坊有限公司
- Creative Trend 有限公司
- 創建香港
- Dimap 香港有限公司
- 愉景灣高爾夫球會
- Esri中國（香港）有限公司
- 香港地球之友
- 智圖國際中心有限公司
- 環保觸覺
- 香港獨立媒體
- 嘉道理農場暨植物園
- 土地教育基金有限公司
- 本土研究社(香港)有限公司
- 千里馬綠化有限公司
- 思網絡有限公司
- 長春社
- 香港鄉郊基金
- 香港賽馬會
- 喆往國際有限公司
- 賽馬會濠洲公眾高爾夫球場有限公司
- 世界自然基金會香港分會

Mentorship Programme

師承計劃



The Department launched the Mentorship Programme for major students in September 2001. The objective of the scheme is to provide an opportunity for GRM students to maintain close and direct interactions with professionals in a real world environment. Such an experience can enhance interpersonal and communication skills and broaden the knowledge base of our students. Many mentors and students have remarked on its success.

In the Mentorship Programme, students are matched with mentors according to their interests and preferences as much as possible. The frequency and format of interactions are flexible. Students and mentors are free to arrange meetings at their own convenience.

地資系於二零零一年九月推出「師承計劃」。系方邀請到多位社會成功人士擔任學長，以「亦師亦友」的身份與本系同學分享工作及生活體驗，從而提升同學們心智發展、擴闊視野、改善溝通技巧及增強自信。本計劃深受同學們歡迎。

「師承計劃」盡量按同學的興趣和志願分配他們給每位學長。同學與學長按實際情況靈活安排活動的時間和方式。

The Student Association is organized by GRM students. It is active in organizing activities for students every year, including the Orientation Camp for in-coming students, spring dinner, sports competitions and evening gatherings. The association shares a strong partnership with the Department in organizing various events, for instance, the annual CUHK Orientation Day and Graduation Dinner. Through active involvement in the Department's functions, it enhances the students' learning experience and fosters close relations between students and staff.

Campus Life

校園生活



地資系系會由本系同學組織。學生會每年舉辦不同性質活動，如：迎新營、春茗、運動比賽及晚會等。除此之外，學生會經常與系方合作共同籌備活動，如：每年中大舉辦之開放日和畢業生晚宴，系會同學都積極參與籌劃，從中得到寶貴經驗，並加強師生之間的溝通。



Student Reflections

Amadeo Amelia

There were two geography classes that I took in my first year, before I finally made up my mind to change my major from Architecture to Geography and Resource Management. There are wide ranges of courses provided which I can choose based on my concentration and interest. I am glad that I finally learn what I really want to learn in the first place, which are environment and sustainability. GRM has introduced me to the things unseen in our society. It was surprising how Hong Kong itself has so many environmental issues yet to be solved, and I am able to dive deep into it through the courses that I took here. I have also had the chance to go to Gansu - where I got to learn physical geography by witnessing it with my own eyes. I personally think that both the lectures and field trips have trained me to be more critical in solving problems and to learn more about the academic world. As time goes by, I got to know more and more people that I could learn from. Thus, we are not merely learning from the lecture and notes but actually learning from people. Opportunity-wise, there are many internship jobs provided by the department where we can choose it based on our area of interest. If we would like to go further deep into a certain area, there are special lectures - by guest lecturers, and talks by professionals that are held a few times a year.

In the beginning, I thought it would be hard to re-adjust in the new department and to learn everything from the beginning, but the people in the department are honestly the ones that make things easier. (FYI, it is generally super hard for non-local students to get along with people in their class/department, but that does not happen here). Professors, staffs, and friends are willing to help. I am glad and thankful that I have the chance to be part of this family. I will never forget my time in GRM. It is honestly the best choice I have ever made in my university life.

Chung Sum Yue, Natalie

I still remember the time when I arranged my JUPAS choices, I was appealed by the diversity of the course outline of Department of Geography and Resource Management (GRM). There is wide range of choice for courses, as well as a high degree of flexibility for students to identify their interests. Apart from practical skills like remote sensing, there are also courses on geomorphology and global geography that train up students' analytical skills. Students can undoubtedly utilize knowledge acquired at workplace. In addition, professors and teaching assistants understand what the students need and are willing to spare time outside lectures to solve the problems that students face. I must not forget to mention numerous overseas field trip opportunities and internships provided by the department. At GRM, we learn not only from lectures and notes, immersing in field and real work environment are equally imperative.

At GRM, I met a group of friends with similar goals and interests. During the first year of university, I partnered up with a senior to join the Hong Kong Tertiary Schools COP21 Challenge regarding climate change. With our interests in the climate issue, we eventually captured the first class award. Nowadays in the green industry, it is not difficult to spot GRM graduates. The department also offered sharing sessions from successful GRM alumni on their green careers. These serve as source of inspiration for current students to pursue their dreams.

All in all, everyone is closely bonded in the GRM family. Once you enter GRM, you will have countless possibilities and opportunities. I am very proud of my choice of studying GRM as my major in university.

Amadeo Amelia

我在大學的第一年修讀了兩門地理課，最後我決定將主修科由建築學改為地理與資源管理學。地理與資源管理學系提供的科目範圍廣泛，我可以根據自己的興趣和專修範疇選科。我很高興終於可以學到自己最初想學習的東西，那就是環境與可持續性。透過地理與資源管理學，我看見了社會中被忽略的事情。香港本身仍然有這麼多的環境問題有待解決，實在令人驚訝，而我在這學系修讀的科目，令我可以深入探討這些問題。另外，我也有機會到甘肅考察，透過自己的雙眼去學習自然地理。我認為課堂以及野外考察，令我得以更具批判性地解決問題，並且對學術界有更深入的了解。我在這裏待了一段日子，認識了越來越多可以向其學習的人。我們不僅是學習課堂和筆記的內容，同時亦從其他人的身上學習。此外，地資系提供了許多實習機會，我們可以按興趣來選擇。學系有時會邀請客座講師來授課，每年亦會邀請專業人士舉辦數次講座，讓同學能進一步鑽研特定的專業範疇。

起初，我以為自己在新的學系需要重新適應，所有事情都要重頭學習，會感到十分困難。不過，因為系內各人的幫忙，事情變得輕鬆得多（非本地生要跟班上和系內各人融洽相處，一般來說是非常困難的，不過在地資系沒有這種情況出現）。這裏的教授、職員，以及系內的其他朋友都樂於提供協助。我很高興和慶幸自己能夠成為這個家庭的一份子。我不會忘記在地資系度過的時光。入讀地資系，是我在大學生活中做過最好的選擇。

學生分享

鍾芯豫

猶記得考畢文憑試後面對大學選科時，被中大地理與資源管理學系的課程多元性所吸引著。地資系科目選擇多，而且選科自由度很大。除了教授實用技巧的課程，例如研究衛星遙感的圖片外，還有研究地貌與環球地理脈絡等培養分析力的課程。同學得以囊括四方八面的知識，及後能在職場上發揮用處。教授和助教們十分貼地，了解學生的需要，願意傾囊相授，利用課餘時間解答學生的疑難。地資系還為同學們提供實習機會、海外考察交流等，跟中學時期考試為本的刻板學習模式截然不同。

我在地資系遇上了許多志同道合的好友，大學一年級時更與同樣對氣候議題感興趣的師兄參加了聯合國氣候變化大會香港大專教育界競賽比賽，並奪一等獎。此外，在社會中的綠色行業不難看到地資系師兄師姐的蹤影，教授更特意安排他們分享經驗，好讓同學能完善地規劃學業，認清興趣和發展方向。

總括而言，在這充滿溫暖的地資系家庭中，你能擁有很多的可能性和機會。我很慶幸當初選擇入讀地資系。



Career Opportunities

畢業生出路

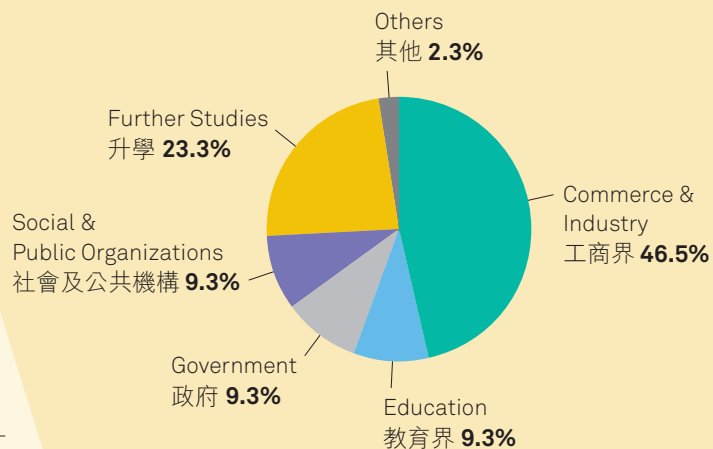
Geography is a multi-disciplinary subject with numerous branches covering a very broad scope. A distinctive feature of geographical education is to train students with not only extensive knowledge, but also professional skills and a forward-looking vision. Therefore, our graduates have a very wide spectrum of career choices and thus play important roles in a variety of fields, such as business and finance, administration and management, education, information services, social services, travel and tourism, customer services, sales and marketing and human resources management. Besides, some of our graduates have pursued advanced degrees and are now practicing in various professional sectors which include education, urban planning, environmental management, country park management, transport and logistics. The following are some reflections from alumni:

地理學範圍廣闊，分支學科眾多。其教育的特色就是培養既有專業技能，又具廣博知識和開闊視野的「人材」。故此，本系多年培訓的人才在社會各行各業中，包括企業、金融、行政及管理、教育、資訊服務、社會服務、旅遊、顧客服務、市場銷售、人力資源等，能發揮所長，擔當重要角色。

另外，不少歷屆畢業生繼續進修，投身不同專業。當中包括教育、城市規劃、環境管理、郊野公園管理及運輸物流。以下是幾位校友的分享：

Employment Statistics of 2019 Graduates

2019年畢業生就業情況



Mr. Kevin Lai
Administrative Officer
HKSAR Government

My parents cast much doubt when I decided to study Geography in university, nearly 20 years ago. A law degree was thought to be a better option. But I stayed the course, propelled by my deep interest in the interactions between people and space, and the vast physical and organisational variations across the globe.

Three years of training in Geography turned out to be exceptionally useful from the career development perspective. A wide spectrum of topics was covered in CUHK's bachelor degree programme in GRM, ranging from natural resources management to town planning; from transport and logistics to ecotourism; and from the study of climatic and geological conditions to debates on globalisation and international development. The programme also equipped students with multifarious skill sets, including those in carrying out interviews and on-site surveys, conducting statistical analyses, theorising on facts and trends, preparing reports and making presentations in a team, etc. The unique vision, insights, strategic thinking, knowledge and skills that one could acquire from learning Geography are highly reciprocal to the expectations of employers in many businesses and professions. As my own experience suggests, they are very relevant to my job in formulating and administering public policies.

Equally if not more treasurable about studying Geography is perhaps the appreciation of its core values, which, in my view, are: understanding diversities, focusing on practicality, and respecting people and the environment. I have found these values particularly edifying not only for my work but also for weathering through other events in life.

Mr. Jimmy Leung, JP
Ex-Director
Planning Department of HKSAR Government

Looking back, the four years that I spent in the Geography Department has been one of the most stimulating and enjoyable times. With the broad spectrum of the discipline covering economic geography, population, cultural geography, environment, climatology, physical geography, etc, we were exposed to subjects of different nature. I believe this had helped us develop

an analytical mind, lateral and holistic thinking as well as a spatial perspective unique to geography students. These attributes have been instrumental for pursuing my career in planning.

Relationship between professors and us was very amicable much to the envy of students in other disciplines. The field camps and field trips must have played an important role in this. They not only provided us opportunities to verify what we learnt from books with what was observed on ground, but had helped cultivate a strong sense of fellowship which facilitated exchange and mutual learning. I wish to take this opportunity to thank my professors and fellow students for their guidance and inspiration.

Ms. Ngar Yuen-ngor
Senior Country Parks Officer
Agriculture, Fisheries and Conservation Department of HKSAR Government

"Geography is the study of the spatial relationships of all things on earth," it sounded a bit vague for me as a new undergraduate at Year 1. Thanks to the inspiring teachers and the senior forms students who guided me along through the lectures and many field studies, I gradually understand that the courses that I attended such as man and environment, geology and geomorphology, cartography, soil and resources management, urban planning, population, statistics, etc. were inter-related and highly applicable to the local and global issues around me. As a geography student, I was particularly keen on field studies. I was not aware that my learning profile in geography had gradually laid a strong foundation for my career as a Forestry Officer in the Agriculture, Fisheries and Conservation Department.

As a country park manager, I work on a large variety of tasks including designation of country parks, provision of recreation facilities, giving comments on development proposals and zoning plans, rehabilitation of degraded areas, hill fire prevention, planning for hiking trail, writing nature books, enforcing Country Parks Regulations, etc. If you also love the natural environment of Hong Kong like me, you would understand how contended I was as I could apply most of what I've learned in geography to what I have been working for.

Competent GRM graduates may apply for Forestry or Field Officers posts to work on conservation projects and parks management, while undergraduates are engaged as summer interns. GRM students who love nature, environmentally conscious, physically and mentally tough and ready to devote are welcomed to join in.

黎明暉先生
香港特別行政區政府
政務主任

大約二十年前，我決定在大學修讀地理學，當時父母對此甚是懷疑，認為攻讀法律學位會是更好的選擇。不過，我堅持初衷，因為我對人類和空間的互動，以及全球各地所存在的自然與人文差異，有著濃厚的興趣。

從事業發展的角度來看，接受三年的地理學教育，對我有著莫大的裨益。香港中文大學地理與資源管理學系開辦的學士學位課程，內容廣泛，涵蓋多方面的議題，包括自然資源管理、城市規劃、運輸和物流、生態旅遊、氣候和地質研究，以及有關全球化與國際發展的辯論等。課程亦授予學生多元技能，例如進行訪問和實地考察、作出統計分析、對事實與趨勢作出論述，以及以團隊形式撰寫報告和進行匯報等。修讀地理學所能獲得的獨特視野、見解、策略思維、知識及技能，高度符合各行各業僱主的期望和要求。以我自己的經驗為例，我從地理學所學到的東西，與我制定和執行公共政策的工作息息相關。

修讀地理學的另一項寶貴得著，是領會到這門學科的核心價值：在我看來，它們包括理解差異、專注實用性，以及尊重人和環境。這些價值不但對我的工作甚有啟迪，亦有助我面對人生的風雨陰晴。

梁焯輝先生, JP
香港特別行政區政府規劃署
前任署長

在當時地理系就讀的四年，是我人生中一段最精彩和享受的時光。學系的課程涵蓋範圍廣泛，包括經濟地理、人文地理、環境學、氣候學和自然地理等等。我相信透過學習不同範疇的地理知識，讓學生建立獨有的分析能力、巨集觀全面和橫向的思維方式以及空間視

野，這些特質為我日後在城市規劃領域的發展奠下基石。

學系透過舉辦本地和海外實地考察，除了讓學生有機會將在課本所學到的知識運用在實際的生活上，更幫助同學之間培養一份深厚的情誼，促進在學習上彼此的分享和交流。和諧友好的師生關係亦因此建立，這更是其他學系學生所渴望的。我在此感謝教授們和同學們對我多年來的指導和啟發。

魏遠娥小姐
香港特別行政區政府漁農自然護理署
高級郊野公園主任

當我入讀大學一年級時，「地理是學習地球上一切事物的空間關係」這句話實在令我感到疑惑。幸好，得到教授和師兄師姐們的啟發，我逐漸明白地理系課程所涵蓋的，如人與環境、地質與地貌學、製圖學、土壤及資源管理、城市規劃、人口學、統計學等都環環相扣，與本地甚至全球關注的事宜息息相關。作為地理學生，我特別喜歡實地考察，不知不覺間，我在地理系的學習歷程已為我打好了成為漁農自然護理署林務主任的基礎。

作為郊野公園的管理者，我曾負責的工作種類繁多，包括劃定郊野公園、設置康樂設施、評審發展計劃及規劃圖、復修劣地、防止山火、建設遠足徑、編寫大自然書籍、執行郊野公園條例等。如你跟我一樣，深愛香港的自然環境，相信你會明白，我能將大部分大學時獲取的地理知識應用到工作上，是何等的滿足！

合資格的地資系畢業生可投考林務主任或農林督察的職位，而本科生則有機會受僱為暑期工，參與自然保育和公園管理的工作。我熱切期待更多熱愛大自然、富環境觸覺、體能及心智上頑強、並願意全情投入工作的地資系畢業生加入我們的行列。

Faculty Members 2020-21

2020至2021年度教員簡介



Prof. CHAU Kwai Cheong (PhD, Australian National University)
Adjunct Associate Professor

Soil Science
Landscape Ecology
Ecological Restoration

Prof. CHAN Chung-shing, Johnson (PhD, Chinese University of Hong Kong)
Research Assistant Professor

Place Branding and Marketing
Sustainable Tourism
Nature-based Tourism
Recreation Planning and Management

Prof. CHEN Yongqin, David (PhD, University of Georgia)
Professor

Hydrology and Water Resources Management
Meteorology and Climatology
Environmental Assessment and Modeling

鄧桂昌教授
客座副教授

土壤學
景觀生態學
生態修復

陳宗誠教授
研究助理教授

地方品牌及市場學
可持續旅遊
自然旅遊
康樂規劃及管理

陳永勤教授
教授

水文學與水資源管理
氣象學與氣候學
環境評價與模擬

Prof. CHUNG King Lam Calvin (PhD, University College London)
Assistant Professor

Geographies of state restructuring
Politics and practice of spatial planning
Political ecology and environmental policy

Dr. Murat ES (PhD, UNC - Chapel Hill)
Lecturer

Ethno-national Belonging, Race and Multiculturalism
Transnational Migration
Religion and Secularism
Right to the City
Urban Development

Prof. FUNG Tung (PhD, University of Waterloo)
Professor

Department Chairman
Director, Institute of Future Cities

Remote Sensing & GIS
Land Use Changes
Digital Image Analysis
Associate Director, Institute of Environment, Energy & Sustainability

Prof. HE Ying, Sylvia (PhD, University of Southern California)
Associate Professor

Transportation Planning and Policy
Land Use and Built Environment
Urban Economics

Prof. HUANG Bo (PhD, Chinese Academy of Sciences)
Professor
Associate Director, Institute of Space and Earth Information Science

Geographical Information Systems
Remote Sensing
Spatiotemporal Intelligence for Land Use and Transportation Planning

Dr. HUANG Yefang, Lucy (PhD, Chinese University of Hong Kong)
Senior Lecturer

Regional Development
Mathematical Modelling
Urban Studies
Statistical Applications in Geography

Prof. KWAN Mei Po
Choh-Ming Li Professor of Geography and Resource Management
(PhD, University of California, Santa Barbara)
Director, Institute of Space and Earth Information Science

GIS
Society, Space and Environments
Cities and Metropolitan Areas

鍾璟霖教授
助理教授

國家重構的地理特質
空間規劃政治與實踐
政治生態學與環境政策

Murat Es博士
講師

民族－國家的歸屬感・種族與多元文化
跨國遷移
宗教與世俗主義
城市權利
城市發展

馮通教授
教授
系主任
未來城市研究所所長

遙感及地理資訊系統
土地利用變化
數字圖像分析
環境、能源及可持續發展研究所副所長

何穎教授
副教授

交通規劃和政策
土地利用
城市經濟

黃波教授
教授
太空與地球信息科學研究所副所長

地理資訊系統
遙感
時空智能與土地利用－交通規劃

黃葉芳博士
高級講師

區域發展研究
數學模型
都市研究
地理統計分析

關美寶教授
卓敏地理與資源管理學教授

太空與地球信息科學研究所所長
地理資訊系統
社會、空間與環境
城市與都會區

Prof. LAI Yuk Fo, Derrick (PhD, McGill University)
Associate Professor
Director, Centre for Environmental Policy and Resource Management

Wetland Greenhouse Gas Exchange
Urban Ecology and Biogeochemistry
Ecosystem Creation and Restoration

Prof. LAM Chiu Ying (MSc, Imperial College London)
Adjunct Professor

Synoptic Meteorology
Applied Meteorology
Climate Change

Prof. LAM Kin Che (PhD, University of New England)
Adjunct Professor

Environmental Assessment
Environmental Policy Analysis
Noise Assessment and Planning

Prof. LAU Ngar-cheung (PhD, University of Washington)
Research Professor

Structure and Dynamics of Atmospheric Circulation Systems
Large-Scale Air-Sea Interaction
Regional Impacts of Climate Change

Prof. LEE Fung, Harry (PhD, University of Hong Kong)
Associate Professor
Director, MSc Programme in Geoinformation Science

Human Geography
Climate-man Relationship
Sustainable Development

Dr. LEE Wai Ying, Joanna (PhD, Chinese University of Hong Kong)
Professional Consultant

Urban Planning
Globalization and World City
Urban Development and Theories

Prof. LEUNG Cheuk-fai, Jimmy (MPhil, University College London)
Adjunct Professor

Strategic Planning and Regional Cooperation
Urban Planning Practices
Land Use Planning and Urbanism

Prof. LEUNG Yee (PhD, University of Colorado)
Emeritus Professor

Quantitative Methods
Spatial Analysis and Decision Support Systems
Urban and Regional Analysis

黎育科教授
副教授
環境政策和資源管理研究中心主任

濕地溫室氣體交換
城市生態及生物地球化學
生態系統創造及修復

林超英教授
客座教授

天氣學
應用氣象學
氣候變化

林健枝教授
客座教授

環境評價
環境政策分析
噪聲評價與規劃

劉雅章教授
研究教授

大氣環流系統的結構及動力
大尺度海氣交互作用
氣候變遷的地區性影響

李峯教授
副教授
地理信息科學理學碩士課程主任

人文地理
人與氣候的關係
可持續發展

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