

Prospectus 课程简介

► MSc in Information Technology Management
资讯科技管理 理学硕士课程

► MSc in Data Analytics and Artificial Intelligence
数据分析和人工智能 理学硕士课程



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Note:

1. The information in this booklet is also available in traditional Chinese on the following web page:
这本小册子的信息的繁体中文版可以在以下网页找到: <http://www.comp.hkbu.edu.hk/msc/>
2. The information in this booklet is correct to the best of our knowledge at the time of writing. In case of discrepancy, the information provided by the Hong Kong Baptist University and the Hong Kong SAR Government prevails.
当我们准备这小册子的信息时, 据我们所知, 这些信息是正确的。在不一致的情况下, 以香港浸会大学和香港特区政府提供的信息为准。
3. The information in this booklet may be updated from time to time. Updated information is available on the following web page:
这本小册子上的信息可能会有更改, 请在以下网页浏览最新的信息: <http://www.comp.hkbu.edu.hk/msc/>



HONG KONG BAPTIST UNIVERSITY

香港浸会大学



Hong Kong Baptist University (HKBU) was founded in 1956 and it is the second oldest university in Hong Kong. It is funded by the Hong Kong SAR Government.

The University is committed to: i) academic excellence in teaching, research and service, and ii) providing quality whole-person education. The University has about 12,014 students enrolled in programmes of all levels, including 50 undergraduate programmes, 53 taught postgraduate programmes, and research programmes leading to MPhil and PhD.

The University has excellent and diversified facilities (e.g., library with about one million of books and subscription to about 189,779 e-journals, computer laboratories with excellent hardware and software, sport centers and swimming pools, medical and dental clinics, etc.).

香港浸会大学创建于1956年，是香港第二所历史最悠久的高等学府，由香港特别行政区政府资助。

大学致力于教学与研究，服务社会，提供高质量的全人教育。本校共有大约 12,014 名学生就读各类课程，其中包括 50 个本科生课程，53 个硕士和博士研究生的高等学位课程。

大学各类设施优良齐备（例如，拥有上百万册图书和大约 189,779 种电子期刊的图书馆，先进的计算机实验室，体育中心、游泳池以及医疗和牙科诊所等各类设施）。

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HKBU Ranking in Asia

香港浸会大学在亚洲大学排名

According to the **Times Higher Education – 2023 Asia University Ranking**, our university is ranked 105th in Asia. According to Webometrics (<http://www.webometrics.info>), there are 16,627 universities and colleges in Asia. In other words, our University is ranked at the top tier in Asia. The following table compares our University with the top universities in the mainland China.

根据《英国泰晤士高等教育》(Times Higher Education) 的 **2023 年亚洲大学排名榜**, 香港浸会大学在亚洲大学的排名为105。根据 Webometrics 的统计 (<http://www.webometrics.info>), 全亚洲有 16,627 所大学及高等教育学府。换句话说, 香港浸会大学是排在亚洲顶级的。下表列出香港浸会大学及部分中国内地著名大学的亚洲排名。

UNIVERSITY 大学

2023 ASIA RANKING 2023 年亚洲大学排名

Tsinghua University 清华大学	1
Peking University 北京大学	2
Shanghai Jiao Tong University 上海交通大学	6
Fudan University 复旦大学	15
Wuhan University 武汉大学	18
Sun Yat-Sen University 中山大学	21
Tianjin University 天津大学	31
University of Malaya 马来亚大学	41
Soochow University 苏州大学	62
Indian Institute of Technology Bombay 印度理工学院	88
Kobe University 神戸大学	91
Renmin University of China 中国人民大学	101
Hong Kong Baptist University 香港浸会大学	105
Universitas Indonesia 印度尼西亚大学	112
University of Macau 澳门大学	120
South China Normal University 华南师范大学	126
Qingdao University 青岛大学	151
Central China Normal University 华中师范大学	154
Guangzhou University 广州大学	172
Singapore Management University 新加坡管理大学	178
Ningbo University 宁波大学	210
Shandong University of Science and Technology 山东科技大学	212
Qingdao University of Science and Technology 青岛科技大学	268
University of Nottingham Ningbo China 宁波诺丁汉大学	346

Department of Computer Science

计算机科学系

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The Department offers six degree programmes:

(i) BSc (Hons) in Computer Science, (ii) BSc (Hons) in Business Computing and Data Analytics, (iii) **MSc in IT Management**, (iv) **MSc in Data Analytics and Artificial Intelligence**, (v) MPhil, and (vi) PhD.

我系提供六个学位课程：

- (1) 计算机科学理学士(荣誉),
- (2) 商业计算及数据分析理学士(荣誉)
- (3) **资讯科技管理理学硕士**,
- (4) **数据分析和人工智能理学硕士**,
- (5) 哲学硕士,
- (6) 哲学博士。

About the Department of Computer Science

关于计算机科学系

HKBU Department of Computer Science has a proud history of 35 years. It was established in 1988 and is committed to providing quality higher education, nurturing future ICT talents, and conducting high-impact research and development.

Our education model provides students with a truly value-added and all-round learning experience. Apart from acquiring knowledge and skills for career development, students are also provided opportunities to gain exposure and experience so that they are able to support the society's advancement, challenge the present, and enrich the future.

The Department is dedicated to creating value and advancing society with innovative research, world-changing discoveries and far-reaching partnerships. We aim to build high-impact interdisciplinary research areas, a cutting-edge research infrastructure, and high quality diversified taught postgraduate programmes.

浸大计算机科学系于 1988 年成立，过去 35 年致力提供优质高等教育，培养未来的资讯科技专才，并进行影响深远的科研项目。

我们的教育模式是为学生提供高增值和全方位学习体验。他们除汲取知识和技能以装备事业的发展，亦开阔眼界和累积经验，为服务社会的持续发展，挑战现在，开拓未来而作出准备。

本学系矢志善用创新科研，改变世界的发明，以及影响深远的伙伴合作优势创造价值，促进社会进步。我们发展具影响力的跨学科研究范畴，设立尖端的研究基础设施，以及规划高质素，多元化的修课式研究生课程，在创造知识方面再上层楼。

World Recognition 国际认可

Times Higher Education (THE) World
University Rankings 2022: Computer Science
泰晤士高等教育世界大学排名: 计算机科学



Source: THE World University Rankings

CS Rankings 计算机学科排名

Artificial Intelligence 人工智能研究 (2018–2022)

#3 (Hong Kong 香港)

#26 (Asia 亚洲)

#51 (World 全球)

Databases 数据库研究 (2018–2022)*

#3 (Hong Kong 香港)

#8 (Asia 亚洲)

#23 (World 全球)

*including SIGMOD/VLDB/ICDE/PODS
Source: CS Rankings

Research Areas 研究范畴

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Research Strengths 研究专长

Artificial Intelligence and
Machine Learning
人工智能及机器学习

Big Data Analytics and Management
大数据分析及管理

Computer Vision and Pattern
Recognition
计算机视觉及模式识别

Distributed Systems and Networking
分布式系统和网络

2

Thematic Focus 专题焦点

Health Informatics
健康及医疗资讯学

Security and
Privacy-aware
Computing
安全和私隐计算

Fellows Conferred by Prestigious Societies

知名学会院士荣誉

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The Institute of Electrical and Electronic
Engineers (IEEE) Fellows
电机及电子工程师学会院士

2

The International Association for Pattern
Recognition (IAPR) Fellows
国际模式识别学会会士

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COMP Scholars Ranked as the World's Top 2%
Most-Cited Scientists by Stanford University
计算机科学系学者荣登史丹福大学全球首 2%
学术文献引用率最高排名

#95%

Overall research submissions are 3*
(internationally excellent) or above
整体上, 研究项目为3星(国际卓越水平)或以上

A Hub of IT Profession

The Department brings together highly qualified professors from leading universities of different regions to advance learning and knowledge through teaching and research. Our diverse faculty members are engaging in many emerging and dynamic fields. Fully 100% of our faculty members hold doctoral degrees, mostly from top-notch universities.

人才荟萃

香港浸会大学计算机科学系汇聚世界各地资历优秀的学者，透过教学与研究，增进学习与知识。我系的教授团队追求卓越，在不同领域皆创新突破及充满活力；他们百分之百拥有博士学位，并由著名大学颁授。

Professor 教授	Rank 职称	Academic Qualification 学位
Professor XU Jianliang 徐建良教授	Head & Chair Professor 系主任及讲座教授	PhD (HKUST, HK) 香港科技大学博士
Professor Byron Koon-kau CHOI 蔡冠球教授	Associate Head (Teaching and Learning) and Professor 副系主任(教与学)及教授	PhD (Pennsylvania, USA) 美国宾夕法尼亚大学博士
Professor CHEN Li 陈黎教授	Associate Head (Research) and Professor 副系主任(研究)及教授	PhD (EPFL, Switzerland) 瑞士联邦理工大学博士
Professor WONG Martin Ding Fat 黄定发教授	Provost and Chair Professor 常务副校长及讲座教授	PhD (UIUC, USA) 美国伊利诺大学厄巴纳 - 香槟分校博士
Professor LIU Jiming 刘际明教授	Associate Vice-President (Research Development), Dean of Science and Chair Professor 协理副校长(研究发展), 理学院院长及讲座教授	PhD (McGill, Canada) 加拿大麦吉尔大学博士
Professor YUEN Pong Chi 阮邦志教授	Associate Dean of Science (Teaching and Learning) and Chair Professor 理学院副院长(教学与学生培养)及讲座教授	PhD (HKU, HK) 香港大学博士
Professor CHEUNG William Kwok Wai 张国威教授	Associate Vice-President (Undergraduate Programmes) and Professor 协理副校长(本科课程)及教授	PhD (HKUST, HK) 香港科技大学博士
Professor CHEUNG Yiu Ming 张晓明教授	Chair Professor 讲座教授	PhD (CUHK, HK) 香港中文大学博士
Professor LEUNG Yiu-wing 梁耀荣教授	Professor 教授	PhD (CUHK, HK) 香港中文大学博士
Professor ISHIDA Toru 客座教授	Visiting Professor 客座教授	PhD (Kyoto U, Japan) 日本京都大学博士
Dr. DAI Henry Hong Ning 戴弘宁博士	Associate Professor 副教授	PhD (CUHK, HK) 香港中文大学博士
Dr. HUANG Xin 黄欣博士	Associate Professor 副教授	PhD (CUHK, HK) 香港中文大学博士



Professor 教授	Rank 职称	Academic Qualification 学位
Dr. CHEN Jie 陈杰博士	Assistant Professor 助理教授	PhD (NTU, Singapore) 新加坡南洋理工大学博士
Dr. CHEN Yifan 陈奕帆博士	Assistant Professor 助理教授	PhD (UIUC, USA) 美国伊利诺大学厄巴纳 – 香槟分校博士
Dr. HAN Bo 韩波博士	Assistant Professor 助理教授	PhD (UTS, Australia) 澳洲悉尼科技大学博士
Dr. LIU Yang 刘泐博士	Assistant Professor 助理教授	PhD (PolyU, HK) 香港理工大学博士
Dr. MA Jing 马晶博士	Assistant Professor 助理教授	PhD (CUHK, HK) 香港中文大学博士
Dr. WAN Renjie 万人杰博士	Assistant Professor 助理教授	PhD (NTU, Singapore) 新加坡南洋理工大学博士
Dr. WANG Juncheng 王俊程博士	Assistant Professor 助理教授	PhD (UToronto, Canada) 加拿大多伦多大学博士
Dr. YANG Renchi 杨任驰博士	Assistant Professor 助理教授	PhD (NTU, Singapore) 新加坡南洋理工大学博士
Dr. ZHANG Eric Lu 张璐博士	Assistant Professor 助理教授	PhD (CityU, HK) 香港城市大学博士
Dr. ZHOU Amelie Chi 周池博士	Assistant Professor 助理教授	PhD (NTU, Singapore) 新加坡南洋理工大学博士
Dr. ZHOU Kaiyang 周锴阳博士	Assistant Professor 助理教授	PhD (USurrey, UK) 英国萨里大学博士
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Dr. PIAO Chengzhi 朴乘志博士	Research Assistant Professor 研究助理教授	PhD (CUHK, HK) 香港中文大学博士
Dr. QI Jun 祁均博士	Research Assistant Professor 研究助理教授	PhD (Georgia Tech, USA) 乔治亚理工学院博士



Professor 教授	Rank 职称	Academic Qualification 学位
Dr. WANG Qichen 王琦琛博士	Research Assistant Professor 研究助理教授	PhD (HKUST, HK) 香港科技大学博士
Dr. YIN Kejing 殷可经博士	Research Assistant Professor 研究助理教授	PhD (HKBU, HK) 香港浸会大学博士
Dr. ZHU Ziqing 朱子晴博士	Research Assistant Professor 研究助理教授	PhD (PolyU, HK) 香港理工大学博士
Dr. CHOY Martin Man Ting 蔡文挺博士	Senior Lecturer 高级讲师	PhD (CUHK, HK) 香港中文大学博士
Dr. FENG Jian 冯健博士	Senior Lecturer 高级讲师	PhD (New South Wales, Australia) 澳大利亚新南威尔士大学博士
Dr. LAI Jean Hok Yin 黎鹤贤博士	Senior Lecturer 高级讲师	PhD (CityU, HK) 香港城市大学博士
Dr. LEE Fion Sau Ling 李秀玲博士	Senior Lecturer 高级讲师	PhD (CityU, HK) 香港城市大学博士
Dr. CHAN Jacky Chun Pong 陈振邦博士	Lecturer 讲师	PhD (CityU, HK) 香港城市大学博士
Dr. LI Kristen Yuanxi 李原曦博士	Lecturer 讲师	PhD (HKBU, HK) 香港浸会大学博士
Dr. UMAIR Zuneera	Lecturer 讲师	PhD (CityU, HK) 香港城市大学博士
Dr. WANG Kevin King Hang 王景行博士	Lecturer 讲师	PhD (NTHU, Taiwan) 国立清华大学博士
Dr. YU Wilson Shih Bun 余仕斌博士	Lecturer 讲师	DPhil (Oxon, UK) 英国牛津大学

Master of Science (MSc) in Information Technology Management 资讯科技管理理学硕士课程

▽ 4.1 Programme Objectives 课程目标

The programme aims to educate IT managers and professionals who possess technical and management knowledge for designing, developing and managing IT systems. It provides a transformational experience in integrating the technological and managerial sides of IT. On completion of this programme, students should be able to achieve the following programme intended learning outcomes:

1. Explain the core technical and management concepts and apply these concepts in an integrated manner for IT management.
2. Explain and apply the current methodologies in some selected areas in IT management (such as IT enterprise management, knowledge and information management, Internet and web technologies, and / or business analytics).
3. Acquire the sense of identifying business needs and explain the process of transforming business needs into IT systems.

本课程旨在培育信息技术管理人才，让学生掌握先进的信息技术及管理知识，同时将这些技术和管理知识融会贯通。完成本课程后，学生应能实现以下的学习成果：

1. 解释信息技术和管理的核心概念，并应用这些概念于信息技术管理；
2. 解释信息技术管理的主要领域的知识（即，信息技术企业管理，知识和信息管理，互联网和万维网技术，及/或商务分析）；
3. 拥有把商业需要与信息管理融会贯通的能力和创造力。

▽ 4.2 Admission Requirements 入学资格

- (a) Applicants must have a Bachelor's degree in science, engineering, business or other relevant fields.
- (b) If applicants did not use English as the medium of learning in their Bachelor's degree programmes, they should satisfy any one of the following English proficiency requirements:
- an IELTS overall band score of at least 6.0;
 - a TOEFL score of at least 537 (paper-based) or 74 (Internet-based);
 - other equivalent qualifications.

For exceptional cases in which applicants have other qualifications but substantial experience in IT, we will determine their suitability based on individual merits.

- (a) 申请人必须拥有教育部认可的大学或大专院校所颁发的理科、工科、商科或相关学科的学士学位。
- (b) 如申请人在修读学士课程时并非以英语作为授课语言，他们须达到以下任何一项英语水平要求：
- 国际英语测试系统 (IELTS) 的成绩不低于6.0分；
 - TOEFL成绩不低于537分（笔试）或者74分（国际网路试）；
 - 其他同等资格。

如申请人没有足够学历但有丰富的信息技术工作经验，我系会就其个人能力作特别评估。



▽ 4.3 Curriculum 课程

Core Courses 必修科目

Each student is required to complete the following five core courses. If he/ she has a Bachelor's degree in IT or closely related field, or has taken equivalent courses, he/she must substitute the core course "COMP7510 Internet Computing and Programming" by an elective course.

每名学生都必须完成下列五门必修课程。如果申请人取得信息技术或相近领域的学士学位或曾修读有关科目，必须把必修科目“COMP 7510 Internet Computing and Programming”用其他选修科目代替。

Units 学分

Core Courses 必修科目:

COMP 7510 Internet Computing and Programming	3
COMP 7520 Foundations of Management in the IT Context	3
COMP 7990 Principles and Practices of Data Analytics	3
COMP 7530 IT Forum	1
COMP 7950 IT Project Skills	1

Elective Courses 选修科目

The elective courses are divided into the following four streams and MSc Project & Research. Each student is required to select at least three streams, complete at least one course in each selected stream, and complete a total of six elective courses.

选修科目分为下面四个专业及硕士专题项目及研究。每名学生须至少选择三个专业、在每一专业中完成至少一门科目、及总共完成六门科目。

Stream 1 – IT Enterprise Management

专业一：信息技术企业管理:

Units 学分

COMP 7075 Financial Technology Management	3
COMP 7085 Digital Marketing and Analytics	3
COMP 7540 IT Management: Principles and Practice	3
COMP 7550 IT Project Management	3
COMP 7560 Information Systems Auditing	3
COMP 7580 Electronic Transformation in Business	3
COMP 7590 Information Management Systems Development	3
COMP 7770 Special Topics in IT Management	3
COMP 7870 IT Innovation Management and Entrepreneurship	3
COMP 7880 E-Business Strategies	3

Stream 2 – Knowledge and Information Management

专业二：知识及资讯管理:

Units 学分

COMP 7095 Big Data Management	3
COMP 7640 Database Systems and Administration	3
COMP 7650 Data Mining and Knowledge Discovery	3
COMP 7780 Special Topics in Knowledge and Information Management	3
COMP 7810 Business Intelligence	3

Stream 3 – Internet and Web Technologies

专业三：互联网及万维网技术:

Units 学分

COMP 7680 Internet and World Wide Web	3
COMP 7790 Special Topics in Internet and Web Technologies	3
COMP 7850 Information Security Management	3
COMP 7940 Cloud Computing	3
COMP 7980 Dynamic Web and Mobile Programming	3

Stream 4 – Business Analytics

专业四：商务分析:

Units 学分

COMP 7025 Artificial Intelligence for Digital Transformation	3
COMP 7650 Data Mining and Knowledge Discovery	3
COMP 7760 Special Topics in Business Analytics	3
COMP 7800 Analytic Models in IT Management	3
COMP 7810 Business Intelligence	3
COMP 7820 Visual Analytics and Decision Support	3

MSc Project & Research Units 学分

硕士专题项目及研究

COMP 7730 MSc Project	3
COMP 7960 MSc Research I	3
COMP 7970 MSc Research II	3



Remarks: There may be minor revisions to the curriculum.

备注：教学课程可能会有少许修改。



▽ 4.4 Study Mode and Duration 学习模式和修读年限

Students can select either one-year full-time study mode or two-year part-time study mode. Most classes are conducted on weekday nights at 6:30–9:20pm while a few classes, assessment activities and make-up classes may be conducted on Saturday daytime. In this manner, both full-time and part-time students can attend these classes/activities.

学生可以选择一年全日制或者两年兼读制的学习模式。大部分科目将于平日晚上6:30–9:20举行，小部分科目、考核活动和补课或会在星期六日间举行，以方便全日制及兼读制的学生出席。

▽ 4.5 Medium of Instruction 授课语言

The medium of instruction is English. All teaching and learning materials are in English.

授课语言为英语，所有教材都是以英语编写。

▽ 4.6 Programme Characteristics 课程特色

The MSc programme has three salient characteristics:

1. The programme focuses on IT management. Students will acquire a transformational experience in integrating the technological and managerial sides of IT.
2. Students will learn the state-of-the-art methodologies in the hot areas of IT Management (namely, IT Enterprise Management, Knowledge and Information Management, Internet and Web Technologies, and / or Business Analytics).
3. The programme offers optional overseas outreach learning activities (e.g., overseas internship, overseas workshop, overseas study tour, etc.), so that students could learn outside the classrooms to widen their horizons.

本课程有以下特色：

1. 本课程着重于信息技术管理，学生能学到最新的信息技术及管理知识，技术与管理并重。
2. 学生能学到信息技术最重要的课题及最新的技术方法与实践经验，以加深及巩固他们的理论知识。
3. 本课程提供可选择性参加的海外交流活动（如海外实习、海外工作坊、海外游学等），让学生获得课堂以外的学习体验，以开阔视野。

Master of Science (MSc) in Data Analytics and Artificial Intelligence 数据分析和人工智能理学硕士课程



▽ 5.1 Programme Objectives 课程目标

The programme focuses on the concepts and practices of information systems and covers three themes for advanced information systems (namely, Data Analytics, Artificial Intelligence and Intelligent Information Systems). Students learn solid concepts and gain hands-on skills in these themes, so that they could apply these concepts and skills to solve real-world information system problems. On completion of this programme, students will acquire:

1. The core concepts and methodologies of data analytics, artificial intelligence and intelligent information systems.
2. Data analytics, artificial intelligence, intelligent information systems and the related technologies for problem solving and applications.
3. The ability to identify business needs and explain how to apply data analytics, artificial intelligence and the related technologies to transform the business needs into information systems.

本课程着重于信息系统的理论与实践，并覆盖高级信息系统的三个领域（即数据分析，人工智能及智能信息系统）。学生能透过学习有关概念和堂上实践，以解决信息系统领域的实际问题。完成本课程后，学生将具备：

1. 掌握数据分析，人工智能和智能系统的核心概念和技术。
2. 运用数据分析、人工智能，智能系统和有关技术，来解决实际问题。
3. 分析商业需求和利用数据分析、人工智能，智能系统和有关技术，促进信息系统解决企业实际需求。

▽ 5.2 Programme Characteristics 课程特色

1. This programme integrates concepts and practices in the areas of data analytics and artificial intelligence to cope with the current and emerging market demands in the IT industry;
 2. The programme offers optional overseas outreach learning activities (e.g., overseas internship, overseas workshop, overseas study tour, etc.), so that students could learn outside the classrooms to widen their horizons.
1. 本课程融合了数据分析及人工智能的理论和实践，以应对信息技术行业当前和新兴市场的需求。
 2. 本课程提供可选择性参加的海外交流活动（如海外实习、海外工作坊、海外游学等），让学生获得课堂以外的学习体验，以开阔视野。

▽ 5.3 Admission Requirements 入学资格

- (a) Applicants should possess a Bachelor's degree in science, engineering or IT relevant fields from a recognized university or equivalent qualification.
 - (a) 申请人须拥有教育部认可的大学或大专院校所颁发的理科、工科或与信息科技相关学科的学士学位，或同等学历。
- (b) If applicants did not use English as the medium of learning in their Bachelor's degree programmes, they should satisfy any one of the following English proficiency requirements:
 - an IELTS overall band score of at least 6.0;
 - a TOEFL score of at least 537 (paper-based) or 74 (Internet-based);
 - other equivalent qualifications.
 - (b) 如申请人在修读学士课程时并非以英语作为授课语言，他们须达到以下任何一项英语水平要求：
 - 国际英语测试系统 (IELTS) 的成绩不低于6.0分；
 - TOEFL成绩不低于537分（笔试）或者74分（国际网路试）；
 - 其他同等资格。

▽ 5.4 Curriculum 课程内容

Each student is required to complete 14 units of core courses and 15 units of elective courses.
每名學生必須完成兩部分的科目 – 必修科目(共 14 學分) 及選修科目(共 15 學分)。

Core Courses 必修科目

Units 學分

COMP 7015 Artificial Intelligence	3
COMP 7035 Python for Data Analytics and Artificial Intelligence	3
COMP 7180 Quantitative Methods for Data Analytics and Artificial Intelligence	3
COMP 7990 Principles and Practices of Data Analytics	3
COMP 7530 IT Forum	1
COMP 7950 IT Project Skills	1

Elective Courses 選修科目

The elective courses are organized into: i) three streams (namely, Data Analytics, Artificial Intelligence and Intelligent Information Systems); ii) MSc Practicum & Research; and iii) other courses. Students can freely select these elective courses.

選修科目分為: i) 三個專業 (數據分析、人工智能及智能信息系統); ii) 碩士實習項目及研究; 及 iii) 其他科目。學生可自由選修科目。

Stream 1 - Data Analytics 專業一: 數據分析

This stream emphasizes on the applications of data analytics methods to extract useful information/knowledge and reveal new insights from the data for better course of actions or even new business opportunities.

此類科目著重數據分析方法的應用, 以得到有用的信息或知識, 並從數據中揭示新的見解, 以獲得更好的實施方案或新的商業機會。

Units 學分

COMP 7045 Natural Language Processing	3
COMP 7170 Data Security and Privacy	3
COMP 7260 Special Topics in Data Analytics	3
COMP 7640 Database Systems and Administration	3
COMP 7650 Data Mining and Knowledge Discovery	3
COMP 7810 Business Intelligence	3
COMP 7930 Big Data Analytics	3

Stream 2 - Artificial Intelligence 專業二: 人工智能

This stream introduces students to the foundations of artificial intelligence and related technologies that can be applied to advance the information systems for different sectors and industries.

此類科目向學生介紹人工智能和相關技術, 可用於優化不同部門和行業的信息系統。

Units 學分

COMP 7055 Computer Vision	3
COMP 7220 Special Topics in Artificial Intelligence	3
COMP 7240 Recommender Systems	3
COMP 7250 Machine Learning	3
COMP 7630 Web Intelligence and Its Applications	3
COMP 7650 Data Mining and Knowledge Discovery	3
COMP 7810 Business Intelligence	3

Stream 3 - Intelligent Information Systems 专业三：智能信息系统

This stream introduces how artificial intelligence, data analytics, information systems methodologies, and the related technologies (such as cloud computing) can be integrated as the next generation information systems.

此类科目介绍了如何将人工智能、数据分析、信息系统的方法和相关技术（如云计算）集成为更先进一代信息系统。

Units 学分

COMP 7065 Innovative Laboratory	3
COMP 7190 Special Topics in Intelligent Information Systems	3
COMP 7200 Blockchain Technology	3
COMP 7210 Intelligent Decision Support Systems	3
COMP 7270 Web and Mobile Programming	3
COMP 7300 Financial Technology	3
COMP 7430 Health Information Systems: Architecture and Technologies	3
COMP 7940 Cloud Computing	3

MSc Practicum & Research 硕士专题项目及研究

Students will practise their skills learned to analyze, design and implement or apply information systems for a current IT-related problem.

同学将运用课程中学到的知识进行分析、设计、开发或应用相关的信息系统，以解决当前与信息科技相关的问题。

Units 学分

COMP 7280 MSc Practicum	3
COMP 7960 MSc Research I	3
COMP 7970 MSc Research II	3



Remarks: There may be minor revisions to the curriculum.

备注：教学课程可能会有少许修改。

▽ 5.5 Study Mode and Duration 学习模式及修读期限

Students can select either one-year full-time study mode or two-year part-time study mode. Most classes are conducted on weekday nights at 6:30–9:20pm while a few classes, assessment activities and make-up classes may be conducted on Saturday daytime. In this manner, both full-time and part-time students can attend these classes/activities.

学生可以选择一年全日制或者两年兼读制的学习模式。大部分科目将于平日晚上6:30–9:20举行，小部分科目、考核活动和补课或会在星期六日间举行，以方便全日制及兼读制的学生出席。

▽ 5.6 Medium of Instruction 授课语言

The medium of instruction is English. All teaching and learning materials are in English.

授课语言为英语，所有教材都是以英语编写。



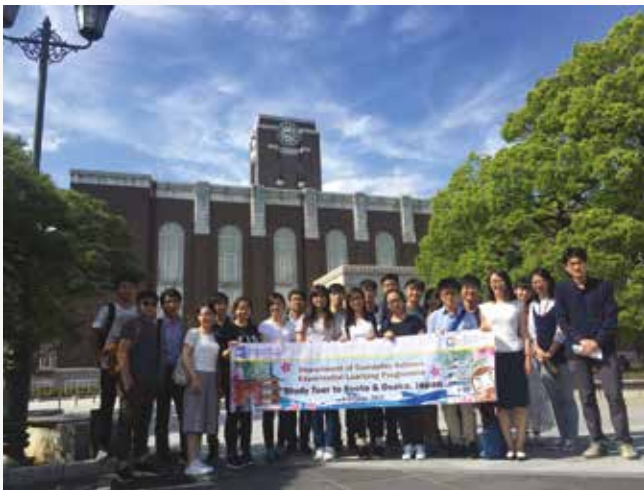
Unique Learning Experience at HKBU

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香港浸会大学独特的学习生活

6.1 Global Programmes 国际交流项目

Study Tour @ Osaka, Kyoto 国际访学交流团（京都，大阪）



Study Tour @ Singapore 国际访学交流团（新加坡）



6.2 Innovative Competition 创新比赛

「AI x HK OpenCup」创新人工智能比赛



6.3 Strong Alumni Network 庞大校友网络



6.4 Career Support and Planning 职业规划支持 公司访问



6.5 International Conference Distinguished Lecture Series 国际会议 杰出讲座



Dialogue with Industry Leaders
and World Leading Researchers

与行业精英、国际知名学者对话



6.6 Entrepreneur and Innovation Support 创业与创新支持



Start-up Training, Seed Funds
and Incubation Programme to
Encourage Student
Entrepreneurship

培养创新,资金支持,孵化
项目:鼓励学生创业



7 Information for Non-local Students

对于非香港本地学生的信息

After obtaining the MSc degree awarded by the Hong Kong Baptist University, a non-local student may be eligible to work and stay in Hong Kong. For details and the most up-to-date information, please read the following web pages of the Hong Kong Immigration Department.

URL:

<http://www.immd.gov.hk>

<http://www.immd.gov.hk/eng/services/index.html>

当非本地学生获得由香港浸会大学所颁发的硕士学位后，将有机会在香港工作及居留。根据以往经验，有相当比例的非本地学生，在完成本课程后，选择在香港工作及居留。想了解最新的资料，可浏览香港入境事务处的网页。

网址:

<http://www.immd.gov.hk>

<http://www.immd.gov.hk/hks/services/index.html>



Tuition Fee and Financial Support 学费与奖学金

The tuition fee for the entire programme is:

Local student: HK\$150,000

Non-local student: HK\$180,000

We provide four types of scholarships to students:

1. **Entrance scholarship:** This scholarship is awarded to the freshmen with excellent academic records in their undergraduate studies. Each awardee will receive up to HK \$50,000, depending on his/her academic records. The scholarship will be presented to the awardees upon completion of their first year of studies.
2. **High Distinction / Distinction / Merit Scholarships:** This scholarship is awarded to the students who achieve excellent or very good academic results. Each awardee will receive up to HK \$30,000 within the normal study period, depending only on his/her academic performance and without quota limit.
3. **Global Experience Scholarship:** This scholarship is awarded to support students to participate in the designated global outreach programme(s) organized by the Department. Students selected for this scholarship based on two criteria: (i) academic records and (ii) suitability for the designated outreach programme (e.g., learning motivation and communication skills). Each awardee will receive a certificate and financial support to cover the expenses for the major transportation and accommodation (such as airline ticket and hotel) for the outreach programme.

整个课程的学费为:

本地学生: 港币十五万元

非本地学生: 港币十八万元

我们提供给四种奖学金:

1. **入学奖学金:** 该奖学金提供给那些在本科学习中学分成绩优异的新生。每名获奖者将最多获得港币五万元的奖学金。奖学金将在学生完成第一学年的学习后授予获奖者。
2. **优异奖学金:** 该奖学金提供给那些取得优异学习成绩的学生。根据学习成绩，每名获奖者在整个课程期间将获得最高达港币三万元的奖学金，获奖名额没有上限。
3. **全球交流奖学金:** 这个奖学金是为支持同学积极参加本系组织的特定全球交流活动而设立。获奖者根据以下两个标准进行选拔: (1) 学习成绩; (2) 参加该项活动的适合性(例如学习积极性, 沟通技巧等)。每个获奖者将获得证书, 以及本系提供的参加该交流活动的大部分交通和住宿费用补贴(例如机票和酒店费用)。

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4. **MSc Research Scholarship:** This Scholarship is awarded to the students who perform well in the research-oriented courses and fulfill the following requirements: “COMP7960 MSc Research I” or “COMP7970 MSc Research II” in a semester is A or A-, (ii) the results obtained in COMP7960 or COMP7970 are of publishable quality, and (iii) the affiliation of the authors in the paper is “Department of Computer Science, Hong Kong Baptist University”. The amount of each scholarship is up to \$5,000, depending on the quality of the results.
5. A financial support is provided to each student for encouraging them to take certification examinations. Student could reimburse at most take two recognized certification examinations. The amount for each examination is up to HK \$2000, depending on the examination result.

For students who are Hong Kong residents, they can apply a financial support from the **Continuing Education Fund** provided by the Hong Kong SAR Government.

<https://www.wfsfaa.gov.hk/cef/en/index.htm>

4. **理学硕士研究奖学金:** 该奖学金提供给那些在研究型课程中表现优异并符合以下三个条件的学生: (1) 在一个学期内修读 COMP7960 MSc Research I 或COMP7970 MSc Research II并取得A或A-成绩; (2) 在该课程中获得具有可发表性的成果; 以及(3) 论文作者单位需为“香港浸会大学计算机科学系”。根据其成果质量, 每名获奖者可获最多港币五千元之奖学金。
5. 为鼓励同学参加认证考试, 每名同学最多可报销两项被本学系认可的认证考试费用。根据其考试结果, 每项考试可被报销最多港币二千元。

香港学生可向香港特区政府申请持续进修基金以获得学费资助。

<https://www.wfsfaa.gov.hk/cef/sc/index.htm>

Application Procedures and Deadline

申请办法及截止日期

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Applicants can apply for admission and obtain the up-to-date application deadline through the following mean:

1. Apply online at:
https://iss.hkbu.edu.hk/amsappl_pg/

申请人可以按照以下方法申请入学或查阅最新的截止日期:

1. 网上报名:
https://iss.hkbu.edu.hk/amsappl_pg/



10 Status of Recent Graduates

毕业生状况

▼ 10.1 Working in Hong Kong and Overseas 在香港及海外工作

Remarks: For students admitted in September 2020 or before, the applicable programme name is 'MSc in Advanced Information Systems' (AIS).

For students admitted in September 2021 or thereafter, the applicable programme name is 'MSc in Data Analytics and Artificial Intelligence' (DAAI).

备注：如学生于2020年9月或之前被录取，适用的课程名称为“高级信息系统理学硕士课程”。

如学生于2021年9月或之后被录取，适用的课程名称为“数据分析和人工智能理学硕士课程”。

Liang Zhixing: Zhixing received his Bachelor's degree in Marketing from Hainan University and MSc degree in ITM from our university. Now he is **Google Apps Consultant** in the **Google's official partner in Hong Kong**. He is responsible for marketing Google Apps to enterprises and providing customer support to them.

梁志兴: 梁志兴先生于海南大学获取市场学学士学位，其后在我系修毕资讯科技管理理学硕士课程。他现时在**香港谷歌合作伙伴担任應用程式顾问**，向企业推广谷歌应用程序及提供客户服务。

Zhang Ge: Ge received her Bachelor's degree in International Economy and Trade from Sanya University and MSc degree in ITM from our university. Now she is working as **Assistant Personal Banking Manager** in **Bank of China (Hong Kong)** in Hong Kong.

张鸽: 张鸽小姐于三亚学院获取国际经济与贸易学士学位，其后在我系修毕资讯科技管理理学硕士课程。她现时在**中国银行(香港)有限公司担任个人银行助理经理**。



Yeung Kwun Fai, Peter: Peter received his Bachelor's degree and MSc degree in AIS from our university. He is working as **Analyst Programmer** in the **Hong Kong SAR Government**.

杨冠辉: 杨冠辉先生于我校获取学士学位及高级信息系统理学硕士学位。他现时在**香港特区政府从事程序分析工作**。



Chen Yingchang Joy: Joy received his Bachelor's degree in Automation from Beijing Institute of Technology (Zhuhai) and his MSc degree in ITM from our university. He is a **Support Engineer** at **DMX which belongs to the KDDI Group**. His main responsibility is to provide technical support on network and security management. He really enjoys his busy life in this energetic city.

陈颖昌: 陈颖昌先生于北京理工大学(珠海分校)获取自动化学士学位，其后在我系修毕资讯科技管理理学硕士课程。他现时在**KDDI Group其下公司DMX担任支援工程师**一职。他主要的职责是提供网络技术支持及网络安全管理。他十分享受在这个充满活力的城市里忙碌的生活。

Efeyini Amadin Etuokwu: Efeyini received his Bachelor's degree from the University of Nigeria and his MSc degree in ITM from our university. He is **Network Engineer** in a **financial telecommunications firm** in Hong Kong, where he is taking up more and more responsibilities and traveling around Asia.

Efeyini Amadin Etuokwu: Efeyini于University of Nigeria取得学士学位，其后在我系修毕资讯科技管理理学硕士课程。他现时在香港一所**金融电信公司**担任**网络工程师**一职，而且肩负越来越多责任，亦到亚洲不同地方公干。



Lu Mingda: Mingda received his Bachelor's degree from Beijing Normal University (Zhuhai) and the University of Northampton (UK), and his MSc degree in AIS from our university. Now he is **Assistant Manager in Data Management and Analytics** in **Li & Fung Limited** in Hong Kong.

陆明达: 陆明达先生于北京师范大学(珠海分校)及英国北安普顿大学取得学士学位，其后在我系修毕高级信息系统理学硕士学位。他现时在**利丰集团**担任**副经理（数据管理及分析）**。

Nweke David Chukwubikem: Nweke received his Bachelor's degree in management from Covenant University and his MSc degree in ITM from our university. Now he is **Marketing Manager** in **Suglard Technologies Ltd** in Nigeria and he is responsible for marketing of IT services.

Nweke David Chukwubikem: Nweke于Covenant University取得管理学学士学位，其后在我系修毕资讯科技管理理学硕士课程。他现时在尼日利亚**Suglard Technologies Ltd**出任**市场经理**，主要负责资讯科技服务营销及推广。



Un Io Man: Io Man received his Bachelor's degree in Physics in Nanjing University and his MSc degree in AIS from our university. Now he is **Analyst programmer** in **China CITIC bank International Limited**.

袁耀文: 袁耀文先生于南京大学获取物理学学士学位，其后在我系修毕高级信息系统理学硕士学位。他现时在**中信银行（国际）**担任**分析程式开发员**。

ZHU, Jude Meng Jiao: Jude received her Bachelor's degree from Zhejiang University of Technology (Hangzhou) and her MSc degree in AIS from Hong Kong Baptist University. She works as **Senior Associate (Deloitte Forensic)** in **Deloitte China** in Shanghai.

朱夢嬌: 朱夢嬌小姐于浙江工业大学获取学士学位，其后在我系修毕高级信息系统理学硕士学位。她现时在**德勤(中国上海分部担任资深副理)**工作，主要负责提供资讯科技策略和解决方法。



Liu Yan Lydia: Lydia received her Bachelor's degree from Hainan Medical University and her MSc degree in AIS from our university. Now she is working in **China Mobile** in Hong Kong, where she is having job rotation through different business functions of China Mobile.

刘焱: 刘焱小姐于海南医学院取得学士学位，其后在我系修毕高级信息系统理学硕士学位。她现时在**中国移动(香港)**工作，并且在不同的业务功能上上岗。

LIU Yue: Yue received her Bachelor's degree in E-Commerce from Guangdong University of Foreign Studies and her MSc degree in ITM from our university. She is working in the IT department of **China Mobile** in Hong Kong.

刘玥: 刘玥小姐于广东外语外贸大学取得电子商务学士学位, 其后在我系修毕资讯科技管理理学硕士课程。她现时在**中国移动(香港)**资讯科技部门工作。



Ren Guangyi: Guangyi received his Bachelor's degree from Xidian University and his MSc degree in ITM from our university. Now he is working in the **IT Department of ICBC (Asia)** in Hong Kong. He is responsible for the stock trading system.

任光毅: 任光毅先生于西安电子科技大学取得学士学位, 其后在我系修毕资讯科技管理理学硕士课程。他现时在**中国工商银行(亚洲)有限公司**资讯科技部门工作, 主要负责股票交易系统管理。

Deng Jie James: James received his Bachelor's degree in software engineering from Chongqing University, and his MSc degree in ITM and PhD degree in computer science from our university. Now he is working in the **Hong Kong Applied Science and Technology Research Institute (香港应用科技研究院)** and he is responsible for solving real-world research & development problems.

邓杰: 邓杰博士于重庆大学取得软件工程学士学位, 其后在我系修毕资讯科技管理理学硕士课程及计算机科学哲学博士学位课程。他现时在**香港应用科技研究院**工作, 主要负责研发工作。



Li Yuanxi Kristen: Kristen received her Bachelor's degree in electrical automation engineering from Qingdao University, and her MSc degree in ITM and PhD degree in computer science from our university. Now she is **Lecturer** in the **Hong Kong Baptist University**. She is very happy to teach and share with our MSc students.

李原曦: 李原曦博士于青岛大学获取电气自动化工程学士学位, 其后在我系修毕资讯科技管理理学硕士课程及计算机科学哲学博士学位课程。她现时在**香港浸会大学计算机科学系**担任**讲师**一职, 她很高兴能教授我系硕士生及与他们分享。

Ma Shiwen: She received her Bachelor's degree in Material Science from Changzhou University and her MSc degree in AIS from our university. After graduation, she has been working as **Research Assistant** in a major company in Brisbane Australia. Her main responsibility is database management.

马诗雯: 马诗雯小姐于常州大学取得材料科学学士学位, 其后在我系修毕高级信息系统理学硕士课程。毕业后, 她在澳大利亚布里斯班一家大型公司担任**研究助理**, 主要职责是数据库管理。



▼ 10.2 Working in Mainland China 在中国内地工作

Mai Zhikai: Zhikai received his Bachelor's degree from Guangdong University of Foreign Studies and his MSc degree in ITM from our university. He is working at **Tencent** as **Web Engineer** and he is responsible for developing the WeChat's website and services.

麦智凯: 麦智凯先生于广东外语外贸大学取得学士学位，其后在我系修毕资讯科技管理理学硕士课程。他现时在**腾讯**担任**网络工程师**一职，主要负责发展微信的网页和服务。



Zhong Shu: Shu received her Bachelor's degree in business from Beijing Normal University (Zhuhai) and her MSc degree in ITM from our university. After graduation, she has been working as **Office Bearer in the Bureau of Science and Technology of Hui Zhou City**.

钟舒: 钟舒小姐于北京师范大学珠海分校取得商科学士学位，其后在我系修毕资讯科技管理理学硕士课程。毕业后，她一直在**惠州市科学技术局担任副科级干部（即副科级别公务员）**。

Yang Zhen: Zhen received his Bachelor's degree from Macao Polytechnic Institute and his MSc degree in ITM from our university. He is working as a **public civil servant (公务员)** in Xiamen. In particular, he is Network Security Management Officer in **Xiamen Bureau of Public Security (厦门市公安局)**. His main responsibility is to manage network security.

杨震: 杨震先生于澳门理工学院获取学士学位，其后在我系修毕资讯科技管理理学硕士课程。他现时在**厦门市公安局**出任**网络安全管理主任**，主要职责是管理网络安全。



He Kai: Kai received his Bachelor's degree from People's Liberation Army Communications Command College and his MSc degree in ITM from our university. He is working as a **public civil servant (公务员)** in **Huanggang Municipal People's Government, Hubei Province, China**. His responsibility is to promote entrepreneurship for college students.

何凯: 何凯先生于People's Liberation Army Communications Command College取得学士学位，其后在我系修毕资讯科技管理理学硕士课程。他现在于**湖北省黄冈市人民政府**出任**公务员**，主要职责是向学生推广创业。

He Yuanfeng: Yuanfeng received his Bachelor's degree in communication engineering from Hubei University and his MSc degree in ITM from our university. Now he is **Manager** in **China Telecom Corporation Limited (Hubei Branch)**. His main responsibility is to perform data mining and analysis for sales and distribution services.

何源丰: 何源丰先生于湖北大学获取通信工程学士学位，其后在我系修毕资讯科技管理理学硕士课程。他现时在**中国电信(湖北分行)**出任**经理**，主要负责销售和配送服务的数据挖掘和分析。





Gao Xiang: Xiang received his Bachelor's degree in human resource management from Beijing Normal University (Zhuhai) and his MSc degree in ITM from our university. He is working in **CNOOC** in Beijing and he is responsible for developing the information systems for human resource management.

高翔: 高翔先生于北京师范大学珠海分校取得人力资源管理学士学位，其后在我系修毕资讯科技管理理学硕士课程。他现时在**北京中国海洋石油**工作，主要负责开发人力资源管理的信息系统。

▼ 10.3 Further Studies in Hong Kong and Overseas 在香港及海外继续升学

Chen Xingliang: Xingliang received his Bachelor's degree from Beijing Institute of Technology (Zhuhai) and his MSc degree in AIS from our university. He is studying towards the PhD degree in the Department of Computer Science and Software Engineering, University of Canterbury, **New Zealand**.

陈星亮: 陈星亮先生于北京理工大学珠海学院取得学士学位，其后在我系修毕高级信息系统理学硕士学位。他正在**新西兰**坎特伯雷大学计算机科学和软件工程系修读哲学博士学位课程。

Zhang Xiang: Xiang received his Bachelor's degree in automation from Northeastern University and his MSc degree in ITM from our University. He is studying towards the PhD degree in Halmstad University, **Sweden**.

张翔: 张翔先生于东北大学取得自动化学士学位，其后在我系修毕资讯科技管理理学硕士课程。他现时正在**瑞典**哈尔姆斯塔德大学修读哲学博士学位课程。

Liu Caihua: Caihua received her Bachelor's degree from Yangtze University and her MSc degree in AIS from our university. She is studying towards the PhD degree in the Department of Computer Science, University of Technology Sydney, **Australia**.

刘彩华: 刘彩华小姐于长江大学获取学士学位，其后在我系修毕高级信息系统理学硕士学位。她现正在**澳洲**悉尼科技大学计算机科学系修读哲学博士学位课程。

Cao Jinrui: Jinrui received his Bachelor's degree in software engineering from Dalian Jiaotong University and his MSc degree in AIS from our university. He is studying towards the PhD degree in computer science in the New Mexico State University in the **USA**.

曹津瑞: 曹津瑞先生于大连交通大学取得软件工程学士学位，其后在我系修毕高级信息系统理学硕士学位。他现正在**美国**新墨西哥州立大学修读计算机科学哲学博士学位课程。



Zhang Yiqun: Yiqun received his Bachelor's degree in biomedical engineering from the South China University of Technology and his MSc degree in ITM from our university. He is studying towards the PhD degree in computer science in our university in **Hong Kong**.

张逸群: 张逸群先生于华南理工大学获取生物医学工程学士学位，其后在我系修毕资讯科技管理理学硕士课程。他现时正在**香港浸会大学**修读计算机科学哲学博士学位课程。

Further Information and Enquiry

查询

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Address 地址	Department of Computer Science, Hong Kong Baptist University, Kowloon Tong, Hong Kong. 香港九龙塘香港浸会大学计算机科学系

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