香港恒生大學
THE HANG SENG UNIVERSITY OF HONG KONG
計算機科學系
Department of Computer Science

DSAI
數據科學及人工智能
理學碩士

Master of Science in
Data Science and
Artificial Intelligence (MSc-DSAI)
数据科学及人工智能理学硕士

Cloud technology

Data science

Artificial intelligence

Marketing analytics

Big data security and privacy

Machine learning

Big data management

2026 现正招生

Master of Science in Data Science and Artificial Intelligence (MSc-DSAI)
数据科学及人工智能 理学硕士

The convergence of Artificial Intelligence (AI) and Big Data technologies is changing the way we make decisions. Disruptive changes can be seen everywhere. In this new and exciting Master Degree programme, students will learn to master the latest technologies in data science and machine learning and their real world applications. The programme is designed for students from a wide range of disciplines with interests in applied AI technologies.

大数据科技，结合人工智能（AI）技术，正在改写我们的决策方式。新科技带来的颠覆性变化比目皆是。这门崭新而全面的硕士课程是为来自不同背景，对新一代大数据和AI应用有兴趣的学生而设计。在课程中，学生将会掌握大数据和机器学习相关的最新知识，以及它们的应用实例，让学生在数据科学和AI时代的各行各业中领先一步。

Key Features 课程特色

- **AWS-Certified, Practical Focus AWS认证，实战导向**
  Our core subjects are officially AWS-certified, equipping students with essential skills for the workplace. Many of our students have successfully obtained professional certifications such as "AWS Cloud Practitioner," "AWS Machine Learning Specialty," and "AWS Solution Architect"
  课核心科目获AWS官方认证，助力学生掌握行业核心技能。已有多名学生考取「AWS Cloud Practitioner」，「AWS Machine Learning Specialty」及「AWS Solution Architect」专业资格认

- **Top Choice for Transitioning into AI, Enter a High-Salary Industry 转行AI首选，踏入高薪行业**
  We welcome students from diverse backgrounds and support their career transitions into the AI industry, opening up stable career paths. Among local Hong Kong graduates from Academic Year 2024/25, over 80% of those from non-IT backgrounds successfully entered the AI industry within six months
  欢迎多元背景学生，帮助转行AI行业，为您开启稳健职业道路。 近七成2025届非IT背景毕业生在半年内已踏入AI行业

- **Small Classes, High-Quality Teaching 小班课堂，高质教学**
  We maintain small class sizes, incorporating practical activities into every session to ensure effective learning outcomes. Our teaching satisfaction rating of 5.78 out of 6 reflects consistent praise from our students
  采用小班制，每节课程均融入实践环节，确保学习效果。教学满意度高达 5.78 (满分6)，深受学生一致好评

- **Research Opportunities, Pathway to Further Studies 科研机会，继续深造**
  Electives cover research-oriented subjects, such as the "Master's Research Project," providing valuable opportunities to engage in cutting-edge research. This helps students pursue doctoral studies at renowned universities
  选修课涵盖科研导向科目《硕士研究项目》，提供参与前沿科研的宝贵机会，助力学子进入知名学府继续攻读博士学位

- **Master Degree in One Year, FUture-Ready Options 一年硕士，开拓未来**
  Obtaining Master degree in a year, stay in Hong Kong for employment with an IANG, obtain Oversea Study Service Certification (CSCSE), help you broaden international career prospects
  一年即可完成硕士学位，毕业后可凭IANG留港就业，并支持办理留服认证， 助您拓展国际化前景

Employment Statistics 就业数据

79%
就业及深造
获企业录用或继续攻读学位

92%
非本地生留港发展
获本地顾主广泛吸纳，顺利融入香港职场

32%
月薪逾 $30,000
超三成毕业生起薪迈入高薪行列

$50k+
顶尖毕业生月薪
部份优异毕业生起薪突破五万元

(數據更新截至2025年12月11日)

Words from Graduates 毕业生感言

Currently a Startup Company Founder
现为初创企业的创办人

During the two-year part-time MSc-DSAI programme, I collaborated with classmates to win awards in three data science competitions. Our team also stood out in a "Micro Fund" competition organized by HKSTP, securing project funding and admission into the incubation programme.

在两年兼读制修读MSc-DSAI课程期间，我和同学们组队在三个数据科学比赛中获奖，更在HKSTP举办的「Micro Fund」中脱颖而出成功赢得奖金及孵化计划录取资格。

KWOK Tsz Yi
郭子怡 (2025)

Currently an AI Engineer
现任职人工智能工程师

The MSc-DSAI programme is highly practical and closely aligned with industry trends. Through a wide range of extracurricular activities, such as corporate visits, competitions and project-based learning, I not only deepened my industry insights but also built a highly competitive portfolio.

MSc-DSAI课程注重实践，与行业前沿紧密接轨。得益于丰富的课外活动——企业参访、竞赛与项目实践，我不仅深化了对行业的理解，更累积了一份极具竞争力的作品集。

PENG Junxiang
彭俊祥 (2025)

Currently a College AI Educator
现任职高校人工智能教研室教师

Pursuing the MSc-DSAI programme at HSUHK was a transformative experience that opened a new chapter in my career. Now, having returned to the teaching profession, I am equipped to deliver AI-related courses and more effectively convey the power of technology to my students.

重返校园修读HSUHK的MSc-DSAI课程，为我的职业发展开拓了新篇章。如今我重回教学岗位，开始教授人工智能相关课程，更有效地传递科技的力量。

WANG Yanyi
王燕懿 (2024)

Currently an Assistant Network and System Manager
现任职网络和系统副经理

MSc-DSAI programme is filled with surprises in "translating theory into practical workplace skills". After graduation, I successfully obtained several opportunities in multiple sectors such as fintech and the Internet, which helped me embark on a new professional chapter in Hong Kong.

MSc-DSAI课程蕴藏着许多「将理论转化为职场硬实力」的惊喜，毕业后我成功获得金融科技、互联网等多个领域的青睐，蕴藏着我在香港开启职业新篇章。

WANG Lingze
王灵泽 (2024)

Currently a Senior Analyst Programmer
现任职高级分析程序员

The MSc-DSAI programme not only trained me in Python for data analysis but also provided me with hands-on experience in large AI models and the AWS cloud platform. I have seamlessly translated these acquired skills into tangible solutions for my company, driving innovation into our workflows. This experience constitutes my core competitive advantage in Hong Kong's technology sector.

MSc-DSAI课程不仅训练了我Python数据分析能力，更让我获得了AI大模型与AWS云平台的实践经验。我将所学技术无缝转化为公司解决方案，为工作注入创新动力，这段经历是我立足香港科技领域的核心优势。

CHENG Jian
程建 (2023)

Currently a Data Analyst
现任职数据分析师

I am truly grateful to have studied in this MSc-DSAI programme at HSUHK. The advanced technical skills, professional knowledge, and logical thinking capabilities cultivated through the programme have enabled me to successfully enter the field of data analysis and achieve a career transformation.

我很庆幸能够在香港恒生大学的MSc-DSAI课程中学习。课程所赋予的先进技术、专业知识与逻辑思维能力，助我成功踏入数据分析领域，实现职业转型。

YUEN Hiu Tung
原晓桐 (2023)

Professional Recognition 专业认可

The programme facilitates students to obtain professional recognitions, such as:
课程有助学生获得以下专业资格：

- Google Professional Data Engineer
- SAS® Global Certification Program
- AWS Certified Big Data – Specialty
- Microsoft Certifications (Data Engineer / Data Scientist / AI Engineer)

Programme Facilities 课程设施

Students have a chance to use the following state-of-the-art computing laboratories and facilities.
学生可以使用下列多个尖端电脑实验室和设施。

Decision Sciences
Technology Laboratory
决策科学科技实验室

Applied Statistics Laboratory
应用统计实验室

Virtual Reality and
Big Data Analytics Laboratory
虚拟实境及大数据分析研究实验室

Computer Laboratories
电脑实验室 (N205, D303)

Big Data Intelligence Centre
大数据及智能中心

Industry Support 业界支持

aws academy
Member Institution

The programme receives strong supports from well-known companies in the industry.
本课程得到业界知名机构在不同范畴提供支援。

- **Curriculum design:** the curriculum is designed in consultation with industrial partners, including IBM, to make sure the course contents meet the fast-changing industrial demand
  课程设计：本课程的设计参考来自业界顾问(包括IBM)提供的意见，以确保内容紧贴最新形势和业界需求

- **Systems support:** state-of-the-art software platforms and high-end desktop with NVIDIA RTX5080 are available to our students
  系统支援：本课程提供最新的相关软件系统，以及配备NVIDIA RTX5080独立显卡的电脑

- **Teaching support:** industrial partners, including AWS and Google, provide active and practical teaching support and master lectures
  教学支援：本课程得到商业伙伴（包括AWS和Google）提供实质的教学支援，以及业界专家讲座

Interdisciplinary Programme Team 跨学科课程团队

陈伟森 教授 美国天普大学博士
精算建模，商业预测，金融计量经济
Wai Sum CHAN, PhD (Temple) Professor
Actuarial Modeling, Business Forecasting, Financial Econometrics

许溢宏 教授 美国维珍尼亚理工大学 博士
商业分析，运营管理
Yer Van HUI, PhD (Virginia Tech) Professor
Business Analytics, Operations Management

刘海 教授 香港城市大学 博士
机械人网络，云计算，群体智能
Hai LIU, PhD (HK CityU) Professor
Robotic Networks, Cloud Computing, Swarm Intelligence

巫耀荣 教授 香港科技大学 博士
物流系统优化，智慧系统设计
Daniel MO, PhD (HKUST) Professor
Logistics Systems Optimization, Design of Intelligent Systems

侯云 助理教授 课程主任 伦敦帝国学院 博士
车联网，智慧城市，无线网络优化
Yun HOU, Aileen, PhD (Imperial) Assistant Professor, Programme Director
V2X, Smart City, Wireless Network Optimization

马裕得 副教授 美国普渡大学 博士
网络物理系统安全和隐私
Chris MA, PhD (Purdue) Associate Professor
Security and Privacy of Cyber Physical Systems

黄彦璋 副教授 香港大学 博士
运筹学和优化，人工智能，虚拟实境
Eugene WONG, PhD (HKU) Associate Professor
Operations Research and Optimisation, Artificial Intelligence, Virtual Reality

王伟杰 客席副教授 香港大学 博士
数据库，人工智能，第三代互联网，网络安全
Wai Kit WONG, PhD (HKU) Adjunct Associate Professor
Database, Artificial Intelligence, Web3, Cybersecurity

朱振辉 助理教授 香港中文大学 博士
数据挖掘与人工智能，金融预测模型
Carlin CHU, PhD (CUHK) Assistant Professor
Data Mining and Artificial Intelligence, Financial Predictive Modeling

李敬宗 助理教授 香港城市大学 博士
电脑网络，多媒体系统，边缘运算
Jingzong LI, PhD (HK CityU) Assistant Professor
Computer Networking, Multimedia Systems, Edge Computing

李檀 助理教授 香港城市大学 博士
分布式机器学习，无线通信网络
Tan LI, PhD (HK CityU) Assistant Professor
Distributed Machine Learning, Wireless Communication Network

张晨 助理教授 香港城市大学 博士
网络安全，联邦学习，移动边缘计算
Chen ZHANG, PhD (HK CityU) Assistant Professor
Network Security, Federated Learning, Mobile Edge Computing

陈志江 高级讲师 香港中文大学 博士
人工智能（多智能体系统），博弈论
Chi Kong CHAN, PhD (CUHK) Senior Lecturer
Multi-Agent Systems, Game Theory

余璐 高级讲师 香港浸会大学 博士
无线认知网络，无线充电，无线室内定位
Lu YU, PhD (HKBU) Senior Lecturer
Cognitive Radio Networks, Wireless Charging, Wireless Indoor Localization

胡萍 讲师 香港城市大学 博士
无线通讯，信息安全，物联网
Ping HU, PhD (HK CityU) Lecturer
Wireless Communications, Information Security, Internet of Things

马文 讲师 香港大学 博士
生物资讯，人工智能，疾病风险预测
Wen MA, PhD (HKU) Lecturer
Bioinformatics, Artificial Intelligence, Disease Risk Prediction

Programme Details 课程详情
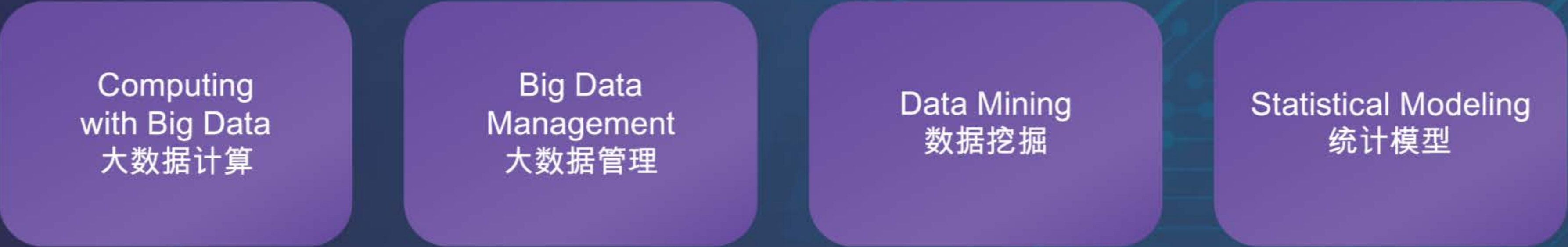
Programme Duration 学制

- One year (Full-time)
  一年（全日制）
- Two year (Part-time)
  二年（兼读制）

Medium of Instruction 授课语言

- English
  英语
- Putonghua Consultation
  普通话咨询

Study Plan 修读计划

Semester 1: Four major cores
第一学期：四个必修科目

Computing with Big Data 大数据计算	Big Data Management 大数据管理	Data Mining 数据挖掘	Statistical Modeling 统计模型

Semester 2: One major core and three major electives*
第二学期：一个必修科目和三个选修科目*

Artificial Intelligence and Machine Learning 人工智能与机器学习	Marketing Analytics with Machine Learning 机器学习辅助市场分析	Distributed Systems and Cloud Computing 分布式系统与云计算	Master Research Project 硕士研究项目
Big Data Security and Privacy 大数据安全与隐私	Topics in Data Science and Artificial Intelligence 数据科学与人工智能专题	Supply Chain Modeling and Analytics 供应链模型与分析	Deep Learning 深度学习

■ Major core 必修科目   ■ Major elective 选修科目

* Electives to be offered will be subject to the curriculum plan of each academic year
* 选修科目将取决于该学年的课程计划

Graduation Requirements 学位授予

Complete and obtain a Grade D or above in 8 modules (24 credits), including five core modules and three major elective modules, and obtain a minimum cumulative GPA of 2.0.
完成8个科目（包括5个必修科目及3个选修科目，共24学分）并于每科取得D级或以上成绩，及累积平均积分点达到2.0 或以上。

Tuition Fee 学费

学费 (2026/27)
Tuition Fee (2026/27)

The tuition fee covers the whole programme. Deposit payment is HK$48,000 (local applicant) / HK$60,000 (non-local applicant). All payments are non-refundable and non-transferable.

学费涵盖了整个课程。定金为港币48,000（本地生）/ 港币60,000（非本地生）。所有付款均不可退款且不可转让。

Local Applicant 本地生
HK$192,000 (Total 24 Credits)
港币192,000元（总计24学分）

Non-local Applicant 非本地生
HK$240,000 (Total 24 Credits)
港币240,000元（总计24学分）

Scholarships and Financial Assistance 奖学金及资助

- Master of Science in Data Science and Artificial Intelligent Entrance Scholarship
「优秀新生」入学奖学金：HK$96,000 (Local Applicant), HK$120,000 (Non-local Applicant)

- Distinguished Graduate Scholarship
「卓越/优秀毕业生」奖学金：HK$8,000 (Excellence award), HK$3,500 (Merit award)

- HSUHK "Alumni Fee Reduction Scheme"
香港恒生大学「校友减费计划」：HK$19,200 (Local Applicant), HK$24,000 (Non-local Applicant)

Recipients of Scholarships (Excerpt) 奖学金获奖同学（摘录）

In alphabetical order by surname 按姓氏字母顺序排列

I. S. CHAN (HKUST/ 香港科技大学)

C. Y. CHEUNG (HKU/ 香港大学)

X. X. HE (USTC/ 中国科技大学, HKUST/ 香港科技大学)

L. HUANG (XMU/ 厦门大学)

T. L. LAI (HKUST/ 香港科技大学, CUHK/ 香港中文大学)

C. Y. LAM (CUHK/ 香港中文大学)

G. XIA (THU/ 清华大学)

K. YIP (HKU/ 香港大学)

A. J. YU (SDU/ 山东大学)

L. J. ZHOU (CSU/ 中南大学, SYSU/ 中山大学)

Admission Requirements 入学要求

- A bachelor's degree in science, technology, engineering, mathematics, business or related disciplines from a recognized university; and
  具有获认可的大学理科、工科、数学、商科或相关学科的本科学历或同等学历；及

- Fulfilment of one of the following English language proficiency requirements if the applicant's bachelor's degree was not obtained from a university/tertiary institution where English is the medium of instruction.
  如果颁发申请人学士学位的大学或大专院校并非以英语为教学语言，则申请人需要完成以下任何一项英语语言能力考试。

  - TOEFL(paper-based): ≥550, or TOEFL(internet-based): ≥79*
  - IELTS: ≥6.0*
  - TEM-4: ≥70
  - CET-6: ≥430 or "Pass" if the test was taken before June 2005
  - or an equivalent qualification

  TOEFL and IELTS results are considered valid two years from the test date.

Exceptional consideration will be made for applicants who fall short of the admission requirements. Five percent of the admission quota is reserved for the exceptional cases.
未能达到入学要求的申请人将作特别考虑。特殊情况获占百分之五的录取配额。

Admission Enquiries 入学查询

Email	:	dsai@hsu.edu.hk
Tel.	:	+852 3963 5014
Homepage	:	https://dsai.hsu.edu.hk
WeChat	:	MSc-DSAI
WhatsApp	:	+852 5416 1492

香港恒生大学（恒大）的历史可追溯至1980年，由何善衡慈善基金会、何添慈善基金会、大昌贸易行、若干恒生银行创办人及恒生银行，慷慨捐资成立恒生商学书院，并于2010年根据《专上学院条例》（第320章）注册成为非牟利私立专上学院及改组成为恒生管理学院，提供多元化本科及以上学位课程，其后于2018年10月30日获香港特区政府批准正名为「香港恒生大学」。

恒大矢志成为区内具领导地位并以博雅教育为主导的私立大学；并透过卓越的教学、研究及服务，推动社会与世界发展。恒大由五个学院组成 —— 商学院、传播学院、决策科学学院、人文社会科学学院和翻译及外语学院，现有逾7,000名全日制学生及约230名全职教学人员。

恒大提供范围广泛的四年制荣誉学士学位课程及硕士学位课程。部分课程为全港首创。所有课程均获香港学术及职业资历评审局（HKCAAVQ）审批认可并获中国内地、香港和台湾政府承认。

QR Registration No.	:	21/000423/L6
Registration Validity Period	:	01/09/2021 To 31/08/2029
QF Level	:	6
Teaching Venue	:	HSUHK Main Campus, HSUHK Town Centre
		and other venues designated by the University

Information updated as of October 2025. Please refer to the homepage for the latest programme information.
有关资料更新至2025年10月。请浏览课程网站以获取最新资讯。