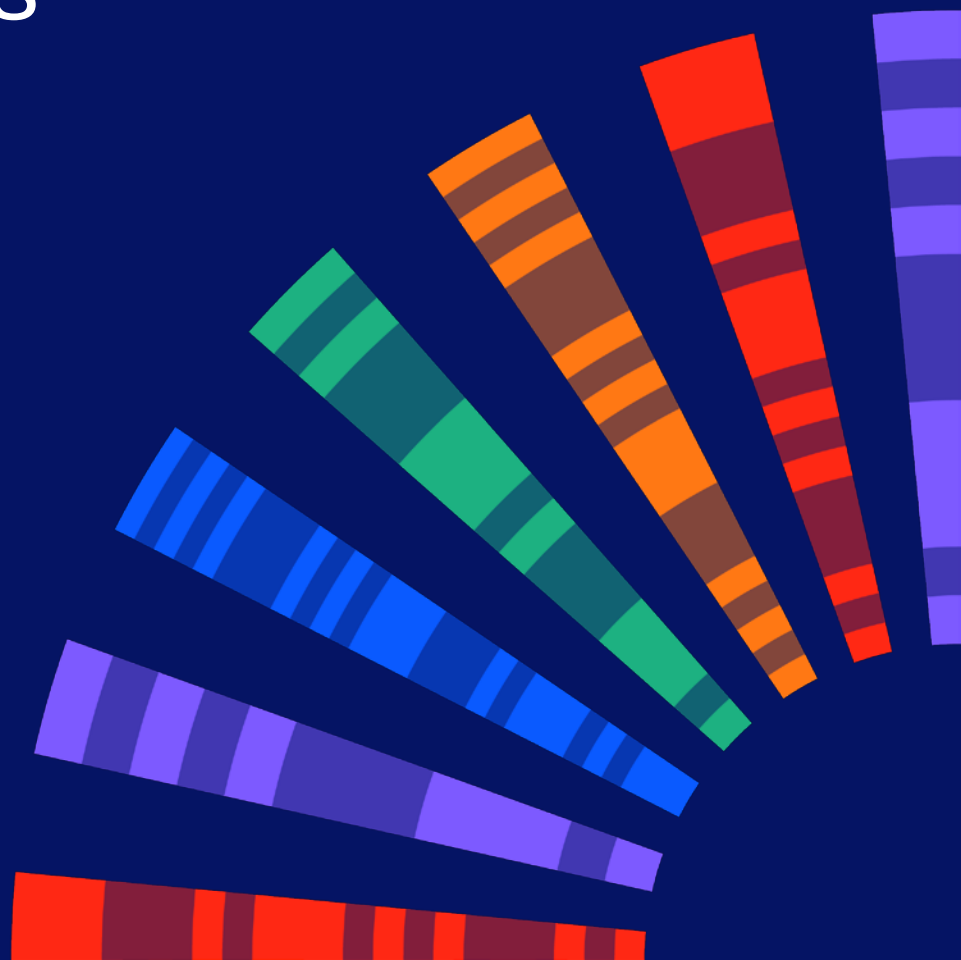
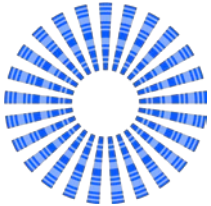
Bachelor of Statistics
BStat(DA/RM/ST)



SCHOOL OF
COMPUTING &
DATA SCIENCE
The University of Hong Kong

Programme Overview



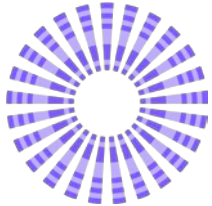
Computer Science &
Data Science

AI &
Applied AI

Statistical Decision
Sciences

統計決策科學

FinTech



Actuarial
Science

UG Programmes Offered by the School

6999 Computing and Data Science
Bachelor of Engineering in Computer Science [BEng(CompSc)]
Bachelor of Engineering in Artificial Intelligence and Data Science [BEng(AI&DataSc)]

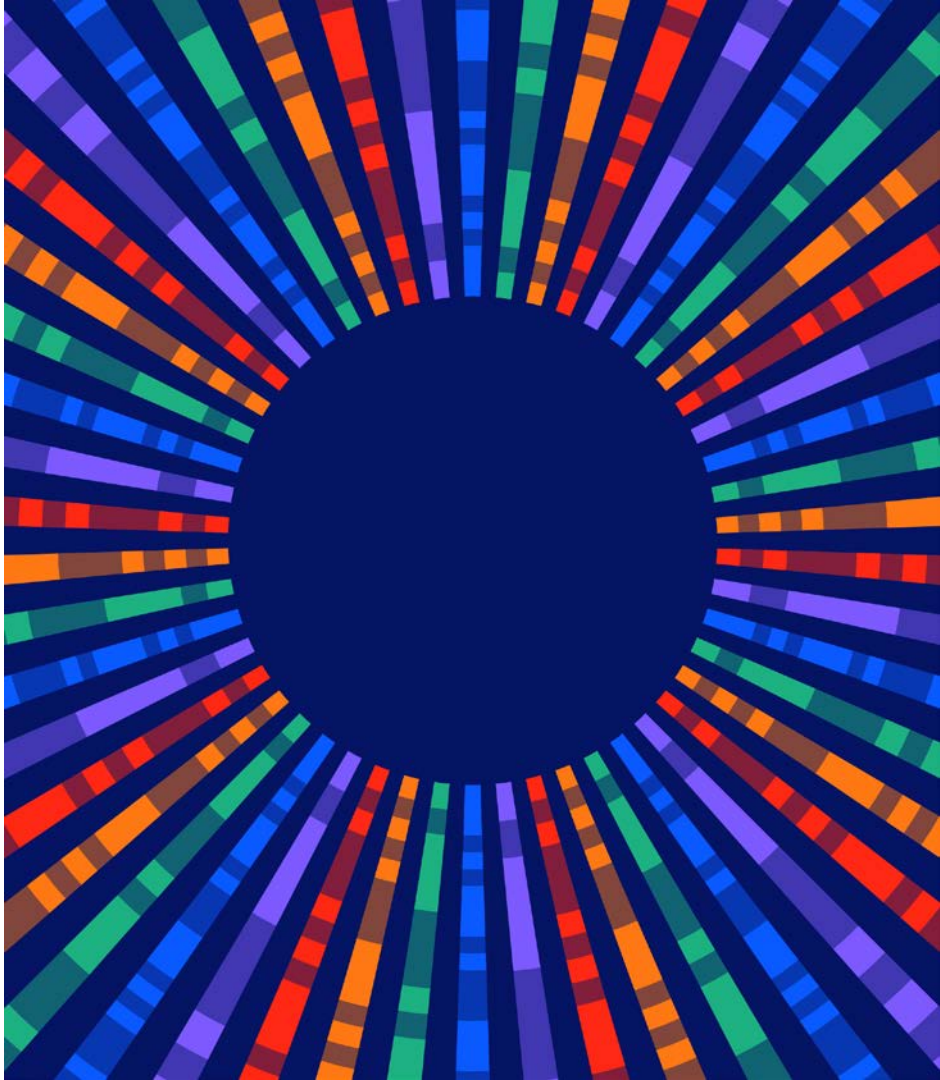
6224 Bachelor of Arts and Sciences in Applied Artificial Intelligence [BASc(AppliedAI)]

6779 Statistical Decision Sciences
Bachelor of Statistics in Decision Analytics [BStat(DA)]
Bachelor of Statistics in Risk Management [BStat(RM)]
Bachelor of Statistics in Statistics [BStat(ST)]

6248 Bachelor of Arts and Sciences in Financial Technology [BASc(FinTech)]

6729 Bachelor of Science in Actuarial Science [BSc(ActuarSc)]

Curriculum Structure



The University of Hong Kong
School of Computing & Data Science

Bachelor of Statistics (DA/RM/ST)

- Candidates must complete the requirements of one of the professional cores: Decision Analytics, Risk Management or Statistics, as one of the graduation requirements.
- Professional cores shall be displayed on the transcript and Academic Attainment Profile upon candidates' completion of the programme and fulfillment of the corresponding professional core requirements.

Course category	Professional core		
	Decision Analytics	Risk Management	Statistics
UG 5 Requirements	54 credits	54 credits	54 credits
Disciplinary Core Courses (Introductory)	42 credits	30 credits	30 credits
Disciplinary Elective Courses (Introductory)	12 credits	12 credits	12 credits
Disciplinary Core Courses (Advanced)	36 credits	48 credits	42 credits
Disciplinary Elective Courses (Advanced)	24 credits	24 credits	30 credits
Capstone Experience Courses	6 credits	6 credits	6 credits
Elective Courses	66 credits	66 credits	66 credits
Total	**240 credits**	**240 credits**	**240 credits**

Note: UG 5 Requirements refer to language enhancement courses, Common Core Curriculum, Artificial Intelligence Literacy courses, and any other non-credit bearing courses as required.

Bachelor of Statistics (DA/RM/ST)

- The **Bachelor of Statistics (BStat)** degree programme refers to the study of *Statistical Decision Sciences*. The programme offers comprehensive training in quantitative analysis and statistical modeling to students, emphasizing both theory and practice.
- Upon admission, students can select one of the three specialized Professional Cores in **Decision Analytics**, **Risk Management**, and **Statistics** for more in-depth education. They initially choose a *Professional Core* as an indication of their preferences upon entrance, with the flexibility to switch between cores based on their interests during their studies.
- The Professional Core in Decision Analytics focuses on leveraging and managing big data in real time, emphasizing statistically guided AI techniques for strategic decision-making and resource allocation. It aims to blend data science and statistical reasoning to enhance artificial intelligence with human intelligence.
- The Professional Core in Risk Management provides expertise in the theory and methodology of risk management, including quantitative modeling, financial risk analysis, and statistical methods, while promoting good risk management practices.
- The Professional Core in Statistics emphasizes the study of statistics as a scientific discipline involving analytical and quantitative tools for logical thinking, problem-solving, probability reasoning, and data analysis to support decision-making.

Regulations and Curriculum Requirements

The following regulations apply to candidates admitted to the BStat programme:

- ST 1: Admission to the degree
- ST 2: Period of study
- ST 3: Curriculum requirements and progression in curriculum
- ST 4: Selection of courses
- ST 5, 6, 7, 8: Assessment and grades
- ST 9: Discontinuation of studies
- ST 10: Absence from examination
- ST 11: Advanced standing
- ST 12: Credit transfer
- ST 13: Award of the degree
- ST 14: Honours classification

Enquiries

Website

Facebook Page

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