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<http://www.dase.hku.hk>



Department of Data and Systems Engineering (DASE) The University of Hong Kong

Computing in Practice!

BEng in Data and Systems Engineering (DASE)* (JS6315)

Programme Focuses

Data Analytics and Computing

Robotics and Intelligent Systems

Programme Features

State-of-the-Art Knowledge

- Operational research
- Data structures and algorithm
- Data-driven optimisation
- Statistical analysis
- System modelling and simulation
- Computational methods and applications

Knowledge

Technologies

Cutting-Edge Technologies

- Artificial intelligence
- Computer vision
- Human-robot collaboration
- Cyber-physical systems
- Internet of things
- Virtual reality

Applications

- Banking and financial engineering
- Logistics and transportation
- Healthcare engineering

- Robotics and automation
- Manufacturing
- Construction

Wide-Ranging Applications

Scholarships Exclusively for DASE Students

Scholarships /Awards	Amount
Ken K. W. Leung Memorial Scholarship	HK\$ 20,000
Peter H. M. Lau Penultimate Year Scholarship	HK\$ 20,000
Peter H. M. Lau Project Prize	HK\$ 20,000
Quali-Smart Globalization Scholarship	HK\$ 20,000
BPS Innovation Scholarship	Up to HK\$ 20,000
Himont Prize	HK\$ 5,000

Recent Student Awards



The Chartered Institute of Logistics & Transport in Hong Kong (CILTHK) Student Day Champion



Louis Vuitton (LV) Supply Chain University Contest Champion



Robocon Hong Kong Contest 1st Runner Up and the Best Performance Awards, 2nd Runner Up Award



The Chartered Institute of Logistics and Transport in Hong Kong (CILTHK) Logistics & Transport Student Final Year Project Award



Hong Kong Institute of Engineers (HKIE) Logistics & Transportation (LTD) Division – Best Student Papers Awards



Hong Kong Institute of Engineers (HKIE) Manufacturing & Industrial (MI) Division – Student Project Competition Champion and Outstanding Award





Future Prospects

Politics and Government



Hon Frankie Yick, GBS JP
Member
Functional Constituency
- Transport





Future Studies and Academia




Ms Aarushi Goyal
MS in Enterprise Risk
Management Student




Mr Jian Wu
PhD Candidate

Ir Prof Edwin Cheng
Dean
Faculty of Business




Prof Dr Dicky Shek
Professor of Practice
(Management
Information Systems)




Dr Andy Wong
Senior Lecturer
(Associate Professor)
in Engineering
Management



Services, Logistics and Transportation



Ir Peter Chak
Former Vice Principal
Towngas Training
Institute





Ir Vincent Cheung
President




Ir Stewart Chun
Chief Technology
Officer
Technology and Quality
Control Division




Ir Dr Alvin Lai
Chief Operating Officer

Mr Howard Chan
Head
Nestlé Professional,
Hong Kong & Macau




Dr Hubert Chan, JP
Chairman & CEO




Ms Dorothy Lau
Vice President
Toys & Hardlines





Mr Henry Mo
Quality & Concession
Program Manager





Mr Bert Lai
Executive Director of
Strategic Sourcing
Supply Chain Services




Mr Huang Shan Ng
Senior Manager,
Finance

Mr Leo Poon
Vice President




Mr Percy Chan
Team Lead -
Product Manager




Mr Peter Choy
Vice President, Supply
Chain & Sustainability





Mr Sidharth Pahuja
Enterprise Resource
Planning Consultant




Banking and Finance




Ms Fion Hui
Executive Director
Markets Coverage
Group, Investment
Management Division




Ms Stefani Benedicta
Technology Graduate
Trainee

Mr Henry Fong
Manager




Ms Nicole Fong
Director -
Human Resources




Ms Jasmine Zhu
Innovation Product
Manager



Admission Requirements

Minimum requirements:

English	Level 3 or above
Math (core)	Level 3 or above
Chinese	Level 3 or above
Liberal studies / Citizenship and Social Development	Level 2 or above /Attained
Elective Subject 1	Level 3 or above
Elective Subject 2	Level 3 or above

Specific elective subject requirements:

Level 3 or above in one of the following subjects: Biology, Chemistry, Physics, or Combined Science

Other requirements:

Level 3 or above in Mathematics Extended Part (Module 1 or 2) is preferred

