



Career Prospects

- Promising career opportunities in the banking and finance industry for MAEC graduates who are capable of applying mathematical tools to financial markets and economic forecasting
- Interdisciplinary training highly valued by employers: more diverse career options than those majoring in Mathematics or Economics alone
- Sufficient academic background for entry into advanced/professional degree programs in economics, financial mathematics, statistics, and other business-related fields
- Recent placements include:
 - Top-tier financial institutions, consulting firms, and IT companies
 - Doctoral or Master's programs at leading universities such as Chicago, Columbia, Stanford, and Yale



Admissions Enquiries

School of Science

The Hong Kong University of Science and Technology
 Clear Water Bay, Kowloon, Hong Kong
 Tel: (852) 2358 5065
 Fax: (852) 2358 1464
 Email: ugscience@ust.hk
 Website: <https://maec.hkust.edu.hk>



香港科技大學
 THE HONG KONG
 UNIVERSITY OF SCIENCE
 AND TECHNOLOGY

BSc in Mathematics and Economics (MAEC)

理學士(數學與經濟學) JS5813



Jointly offered by:

School of 理學院
Science

HKUST
 BUSINESS SCHOOL
 香港科大商學院

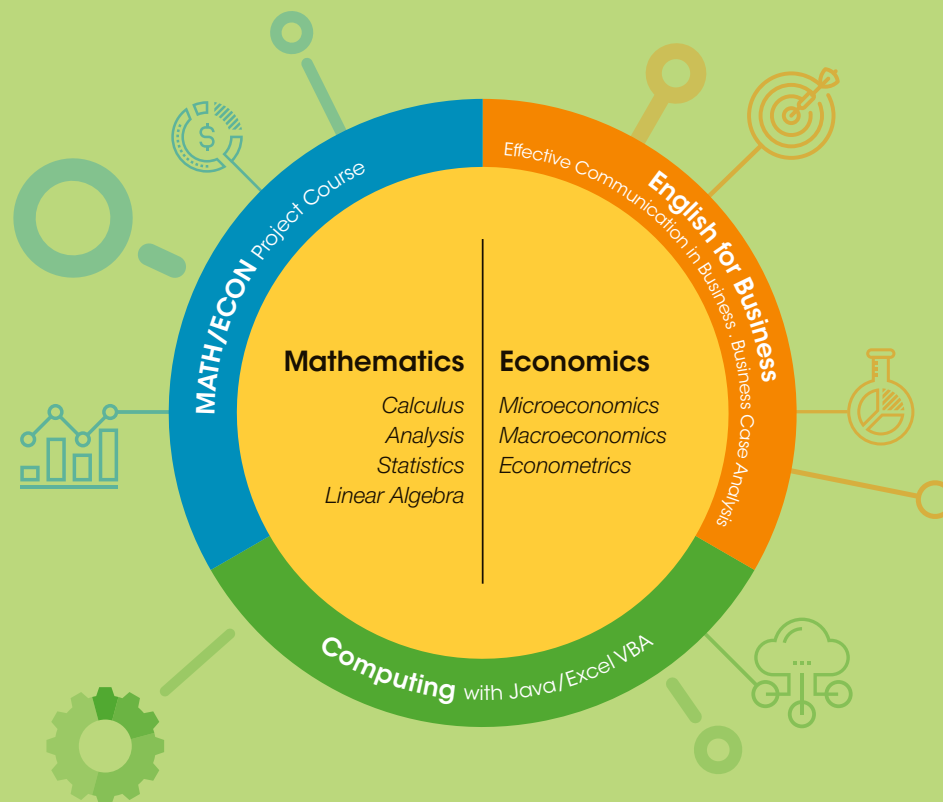


MTPC-G21680



Program Highlights

- Unique undergraduate program in Hong Kong that combines modern economic theory with mathematical skills
- Strong quantitative training in economics, preparing students for a successful career in the business, finance, or public sectors
- Broad-based education that instills lifelong learning skills



Program Curriculum

The curriculum provides students with solid training in the fundamental theories of both mathematics and economics. Students will be equipped with quantitative reasoning skills, conceptual understanding, and the ability to effectively communicate in mathematics and in the language of social sciences.



Admissions Requirements

Students may apply for the MAEC program through direct choice in JUPAS/ Non-JUPAS admissions scheme, or transfer from the Science (Group A) program (JS5102) or any SBM programs after their first year of study. Admissions is based on academic results and interview performance.

For JUPAS-HKDSE Applicants

Core Subjects	Minimum Level Required
English Language	4
Chinese Language	3
Mathematics (Compulsory Module)	3
Liberal Studies	2
Elective Subjects	
Elective 1: One of: M1 / M2 / Economics / Biology / Physics / Chemistry / Combined Science	3
Elective 2: One of: M1 / M2 / Any Category A subjects	3

JUPAS Score Calculation – Best 6 Subjects with Weighting

Subjects	Weighting
English Language	x 2
Mathematics (Compulsory Module)	x 2
Best Elective: M1 / M2; or Economics / Biology / Physics / Chemistry / Combined Science	x 2 x 1.5
Next best 3 subjects: M1 / M2 / Any Category A subjects	x 1



For Applicants with International Qualifications

In addition to fulfilling the University's general requirements, applicants must have at least one senior level subject from: Mathematics / Biology / Chemistry / Physics