Bachelor of Science in COMPUTING MATHEMATICS

THE JOINT BACHELOR'S DEGREE PROGRAM BETWEEN CITY UNIVERSITY OF HONG KONG AND COLUMBIA UNIVERSITY

The Joint Bachelor’s Degree Program between City University of Hong Kong and Columbia University offers students an international undergraduate educational experience – a program spanning two continents, in cosmopolitan cities that allow students to engage directly with the world around them. The program draws upon elements both traditional and innovative, combining the academic rigor of two world-renowned universities with an attention to the roles that social and cultural traditions play in a student’s intellectual formation.

STUDENT EXCHANGE
The Department of Mathematics strongly supports and encourages students to join outbound exchange programmes to widen their horizon and enrich learning experiences. Students can participate in the student exchange programmes from their second to fourth year of studies.

INTERNSHIP TRAINING
College of Science (CSCI) offers the following Internship Schemes to our students,

- **Industrial Attachment Scheme (IAS)**
  A summer training programme in the third year of studies

- **Overseas Internship Scheme (OIS)**
  An overseas summer training programme in the third year of studies

Major Highlights for Internships
Graduates of this programme will be equipped with:

- Computer programming and database management
- Data mining and applied statistics
- Financial engineering, optimization and logistics
- Industrial modelling and scientific computing
- Mathematical analysis and system analysis

ADMISSION OFFERS BY OVERSEAS UNIVERSITIES TO RECENT GRADUATES TO PURSUE POSTGRADUATE STUDIES

**Canada**
- University of Toronto
- University of Waterloo

**UK**
- University of Oxford
- University of Cambridge
- Imperial College London
- University College London
- The London School of Economics and Political Science

**USA**
- Harvard University
- Courant Institute of Mathematical Sciences, New York University
- University of California, Berkeley
- University of Chicago
- Columbia University

2018 GRADUATE EMPLOYMENT STATISTICS

- **Systems Analysis & Computer Programming** 20%
- **Human Resources** 10%
- **Engineering & Technical Work** 30%
- **Economic, Statistical & Mathematical Work** 10%
- **Banking / Finance** 30%

Most graduates entered the workforce in business, banking and finance sectors.