Master of Arts in Mathematics and Pedagogy

One-year Full-time

The programme emphasises Mathematics subject knowledge, innovative pedagogical practices and flexible teaching environments. It is primarily designed for Mathematics teachers who are looking for an opportunity to enhance their mathematical knowledge and to apply such knowledge to the learning and teaching of Mathematics in the school setting. It aims to enable the participants to become competent Mathematics teachers and enhance their upward mobility in the teaching profession.

Programme Structure

Mathematical Studies: 3 Core Courses and 1 Elective Course
Pedagogy in Mathematics: 3 Core Courses and 1 Elective Course

Mode of Study

The courses are conducted by face-to-face lectures, e-learning, or self-directed studies. The medium of instruction is flexible (English supplemented with Chinese) and students have opportunities to be exposed to different language environments in learning and teaching mathematics to meet the needs in the school settings.

Programme Details & Application:
https://www.eduhk.hk/mamp/

UGC has allocated 12 funding places for Hong Kong students to apply for MAMP in 2020/21. Successful applicants will receive more than 50% of tuition fee reduction.

Department of **Mathematics** and **Information Technology**

EdUHK Excels in 2020 QS World University Rankings 2nd in Asia & 16th in the World in Education

香港教育大學
The Education University of Hong Kong

Master of Arts in Mathematics and Pedagogy

One-year Full-Time

> UGC has allocated **12 funding places** for Hong Kong students to apply for MAMP in 2020/21. Successful applicants will receive more than **50% of tuition fee reduction.**

Programme Aims

This programme aims to:

(a) **broaden** students' knowledge in Mathematics;

(b) **help** students **realise** how to teach Mathematics in school from an advanced mathematical standpoint;

(c) **expose** students to different classroom environments and innovative pedagogical practices in mathematics;

(d) **cultivate** synergy between subject knowledge and pedagogy in mathematics; and

(e) **foster** students' critical thinking to enable them to become reflective practitioners.

Programme Structure

This programme comprises 24 credit points (cps), 3 cps for each core course. Students normally take one year (full-time) to complete the whole programme.

Mathematical Studies	12 cps
Core Courses - Algebra and Number Theory - Foundations of Geometry - Probability and Statistics	
Choose one from the following electives #	
Elective Courses - Calculus and Mathematical Modelling # - Combinatorics and Graph Theory #	
Pedagogy in Mathematics	12 cps
Core Courses - Instructional Design in Mathematics - Technology for Mathematics Teaching: An Inquiry Approach - History and Pedagogy of Mathematics	
Choose one from the following electives @	
Elective Courses - Mathematical Thinking and Assessment @ - Data Mining and STEM Education @	

Department of Mathematics and Information Technology

Mode of Study

The programme operates in a blended delivery mode in which the courses are conducted by face-to-face lectures, e-learning, or self-directed studies. The medium of instruction is flexible (English supplemented with Chinese) and students have opportunities to be exposed to different language environments in learning and teaching mathematics to meet the needs in the school settings.

Entrance Requirements

The minimum entrance requirements for this programme:
(1) A recognised Bachelor's degree, preferably in subject areas other than Mathematics;
(2) Possessing at least Grade E in Hong Kong AS-level for any Mathematics-related subjects or Level 4 for HKDSE Core Mathematics, or an equivalent qualification in Mathematics*; and
(3) Applicant whose Bachelor's degree is obtained from a non-English speaking institution should normally fulfill one of the following English proficiency requirements:
    (i)   IELTS 6.0 or above; or
    (ii) Grade C or above in GCSE / GCE OL English; or
    (iii) A TOEFL score of 80 (internet-based test); or
    (iv) Band 6 in the CET (a total score of 430 or above and the test result should be valid within two years); or
    (v)   Other equivalent qualifications

Applicant who had studied some Mathematics (or Mathematics-related) courses in his undergraduate or former Colleges of Education will also be considered.

Tuition Fee

This programme is offered on a self-financed basis. The tuition fee is HK$120,000 for the whole programme, which is provisional and subject to adjustment. Tuition fees paid are normally not refundable or transferable.

Enquiries

General Enquiries:
Miss Betty Ng
Tel: (852) 2948 6295
Email: mamp@eduhk.hk

Academic Enquiries:
Programme Leader: Dr. Zhang Qiaoping
Tel: (852) 2948 7832
Email: zqiaoping@eduhk.hk

Programme Information & Application:

http://www.eduhk.hk/mamp/