Master of Science in the field of PHYSICS

Incubating talent pool of well-versed cadres in physics

The Programme
- 1-year full-time
- An innovative and well-designed MSc programme that prepares quality physicists for the high-technology workplace
- Provides a flexible yet solid education on theories, techniques and frontier developments in physics including:
  - astrophysics
  - computational physics
  - condensed matter physics
  - device and nanophysics
  - photonics and quantum information
- Strengthens students’ background to cope with ever-evolving challenges
- Prepares graduates to pursue another master or doctoral degree in a wide range of science or engineering disciplines

Admissions Requirements
- A Bachelor’s degree with Honours or above (equivalent qualification) in a relevant Science subject (e.g. Physics, Astronomy, Earth Sciences, Mathematics) or an Engineering discipline
- Prior knowledge in university-level electromagnetism, quantum mechanics and thermodynamics, university-level linear algebra and multi-variable calculus, basic statistics, and some computer programming experience (e.g. coding in C++, Mathematica, Matlab or Python)
- Shall pass a qualifying examination if deemed necessary
- Fulfil the University Entrance Requirements

Application Deadlines
- Non-local applicants: 12:00 noon (GMT +8), May 12, 2023 (extended)
- Local applicants: 12:00 noon (GMT +8), June 30, 2023

Apply for entry in September 2023

Enquiries
Tel: (852) 2859 2361
E-mail: mscphy@hku.hk

Programme Director
Professor X D CUI

Co-Programme Director
Dr Kai Ming LEE

Online Application
admissions.hku.hk/tpg/

Programme Details
bit.ly/3s6F9Q9