



# 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



**Host**  
**Department of Physics**



## Admissions Requirements

- A Bachelor's degree 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), April 30, 2025  
**Local applicants:** 12:00 noon (GMT +8), June 30, 2025



**Online Application**  
[admissions.hku.hk/tpg/](https://admissions.hku.hk/tpg/)

**Programme Details**  
[bit.ly/3s6F9Q9](https://bit.ly/3s6F9Q9)



**2025-26 (September 2025 intake)**



## Enquiries

Tel: (852) 2859 2367  
 E-mail: [mscopy@hku.hk](mailto:mscopy@hku.hk)

**Programme Director** Professor X D CUI

**Co-Programme Director** Dr Kai Ming LEE