



BACHELOR OF SCIENCE IN APPLIED PHYSICS



香港城市大學
City University of Hong Kong

專業 創新 胸懷全球
Professional · Creative
For The World



Department of Physics
物 | 理 | 學 | 系

Bachelor of Science in Applied Physics

JUPAS Code: JS1208

Non-JUPAS Code: 1208

Advanced Standing Entries: 1638A

The Applied Physics major is not an ordinary Physics major. In Applied Physics, students are taught **biomedical physics**, **renewable energy** and **quantum physics**, paving their way to a diversified career path including medicine and health care, education, engineering, commercial and industrial sectors, nuclear radiation facilities or postgraduate study.

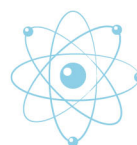
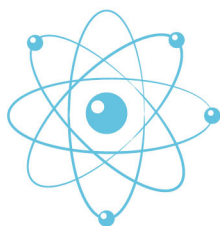
Students may take part in the **department-based research attachment scheme**, which provides them early exposure to discovery and innovation. Students of the Applied Physics major who meet certain requirements can apply for admission to the **Joint Bachelor's Degree Program between City University of Hong Kong and Columbia University** in USA. Students admitted to the Joint Degree Program spend their third and fourth years at Columbia University in USA, and earn a BSc degree from CityU and a BA degree from Columbia University at the end of their study.

Professional Careers Prospects

- Medical Physicists
- Biomedical Engineers
- Technical Sales
- Education
- Product Certification and Quality Assurance
- Environmental Consultants
- Opportunities in the Public Sector
(e.g. the Hong Kong Observatory, the Environmental Protection Department and the Hospital Authority)

Our Minors

- Physics
- Photonics



For further details about our programme structure and other information, please visit our website: <http://www.cityu.edu.hk/phy>

WE ENCOURAGE Discoveries and Innovation

Student Exchange



University of Illinois at Urbana-Champaign, USA



University of Toronto, Canada

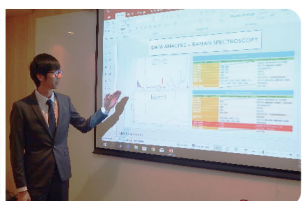


Umeå University, Sweden



University of Maryland, USA

Distinguished Final Year Project Awards



Our high performers in their final year project discoveries, report writing and presentation

Study Tour



Japan



Singapore

Undergraduate Research Attachment Scheme



Early research exposures as young scientist



Students presented their discoveries in the Undergraduate Research Seminar

WE PROMOTE PHY Community

Student Connect - Tea Gathering



Make new friends, chat with fellow classmates, meet the teachers, and build the network.



Academic Advising and Student Mentors

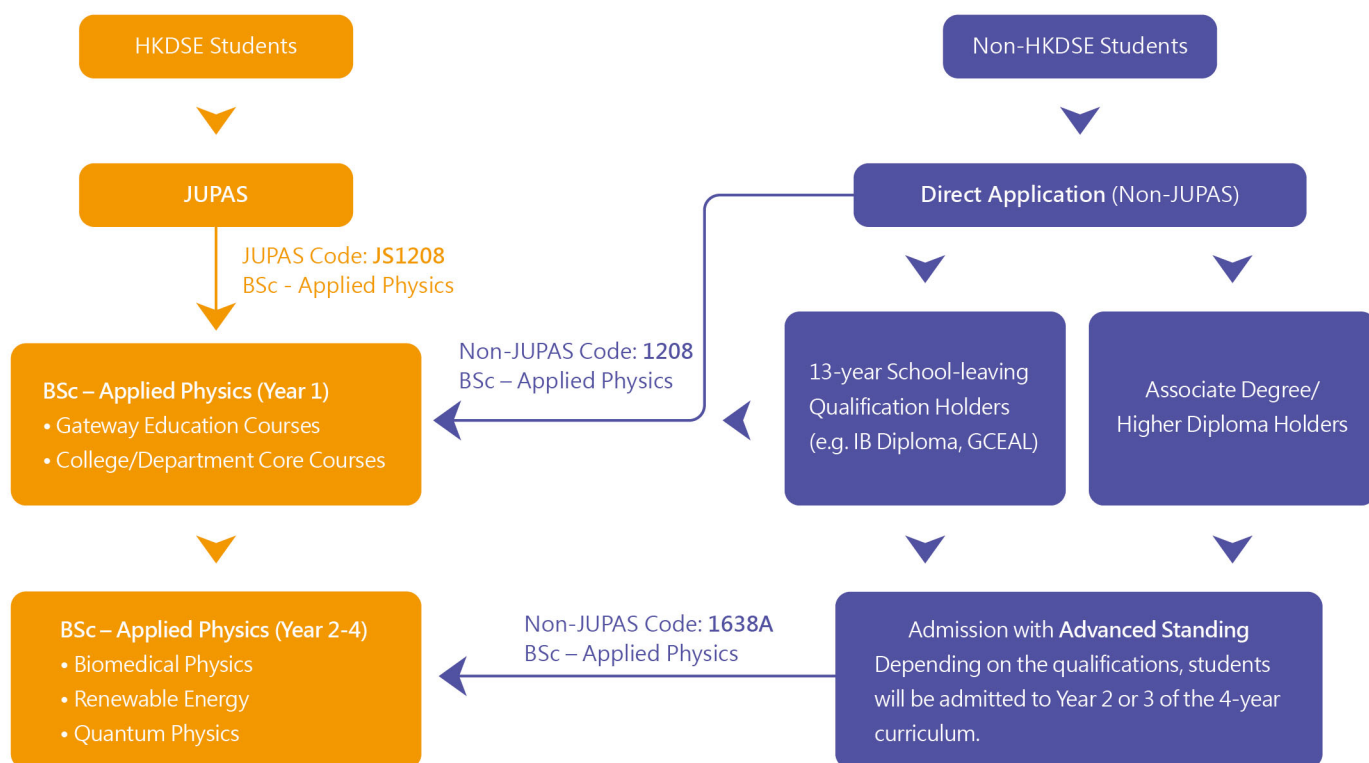


Close support network with 1:1 pair of Academic Advisor + Student Mentor for all new students

Scholarships

In addition to the institutional and external scholarships, PHY Education Fund Scholarships (department-based scholarship) are awarded to undergraduate students with outstanding academic performance and active participation in Departmental service.

Admission Route



Admission Requirements

- ✓ Satisfy the General Entrance Requirements of the University with a science or engineering background; OR
- ✓ Associate Degree or Higher Diploma Holder in a relevant discipline or other technical qualifications; OR
- ✓ Other 13-year school-leaving qualification holder (e.g. IB Diploma, GCEAL)

 For further details about entrance requirements and application procedures, please visit the website of our Admissions Office: <http://www.admo.cityu.edu.hk/>

Contact Us

-  (852) 3442-7831
-  (852) 3442-0538
-  phy.go@cityu.edu.hk
-  <http://www.cityu.edu.hk/phy>



Website