BACHELOR OF SCIENCE
IN APPLIED PHYSICS

CityU

Department of Physics
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

Study Tour
Japan
Singapore

Undergraduate Research Attachment Scheme
Early research exposures as young scientist
Students presented their discoveries in the Undergraduate Research Seminar

Distinguished Final Year Project Awards
Our high performers in their final year project discoveries, report writing and presentation

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

HKDSE Students

JUPAS

JUPAS Code: JS1208
BSc – Applied Physics

BSc – Applied Physics (Year 1)
• Gateway Education Courses
• College/Department Core Courses

Non-JUPAS Code: 1208
BSc – Applied Physics

Direct Application (Non-JUPAS)

13-year School-leaving Qualification Holders
(e.g. IB Diploma, GCEAL)

Associate Degree/Higher Diploma Holders

Non-JUPAS Code: 1638A
BSc – Applied Physics

Admission with Advanced Standing
Depending on the qualifications, students will be admitted to Year 2 or 3 of the 4-year curriculum.

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

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http://www.cityu.edu.hk/phy

Website