Department of Physics

Bachelor of Science in Physics*

*Revised programme title, subject to approval.
Bachelor of Science in Physics*

The BSc Physics* programme aims to provide students with rigorous training in fundamental physics, and introduce them to various specialized physics-related topics such as financial engineering, biophysics, medical physics, computational physics, and optics, paving their ways to a diversified career path or further studies.

Apart from the academic curriculum, the Physics Department offers students various research, internship, and exchange opportunities to accelerate their developments:

• **Study Tours** to different universities around the world
• **Frontier Research** with world-leading scholars
• **Industrial Internships** in various companies, institutes, public sectors, and more
• **Joint Bachelor’s Degree Program with Columbia University** to earn degrees from both Universities
• **Student Ambassador Program** to promote students’ leadership

WE CARE our students

Every student will have
• An Academic Advisor; and
• A Peer Consultant

Professional Career Prospects

- Medical Physicists
- Biomedical Engineers
- Financial Analysts
- 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)

For more information, please visit the website of our Physics Department: http://www.cityu.edu.hk/phy

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WE ENCOURAGE Discoveries and Innovations

Student Exchange

University of Illinois at Urbana-Champaign, USA
Umeå University, Sweden
University of London, UK
National Taiwan University, Taiwan

Study Tour

Singapore
Japan

Undergraduate Research Attachment Scheme

Early research exposures as young scientist

Distinguished Final Year Project Awards

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

WE PROMOTE PHY Community

Student Support Network

Each new student will be paired with one Academic Advisor and one Peer Consultant

Student Connect - Departmental Tea Gathering

Career Talk

Internship Opportunities

Besides the internship opportunities offered by the College, PHY offers final year project attachment to medical physics departments in local hospitals.

PHY Annual Symposium

Celebration of students’ and faculties’ achievements

Research Showcase by Students

Overseas Speakers
**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/](http://www.admo.cityu.edu.hk/)

**Scholarships**

The Department provides various internal and external scholarships for outstanding students:

**PHY Entrance Scholarships for JUPAS Entrants**

Up to $40,000 for students with an admission score of 23 or above (Best 5 HKDSE subjects).^  

**PHY Education Fund Scholarships**

Awarded to students with outstanding academic performance and active participation in the departmental service.

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^ Revised criteria for the entrance scholarships, subject to approval.
# Please visit our Department’s website for a full list of courses.