






Department of
Biomedical Sciences


香港城市大學
City University of Hong Kong




**Bachelor of
Science in**

Biological



Sciences



理學士(生物科學)

理學士(生物醫學)



**Bachelor of
Science in**



Biomedical



Sciences




DEPARTMENT OF
BIOMEDICAL SCIENCES

生物醫學系



OUR BACHELOR'S DEGREES



BISI Major

BIOLOGICAL SCIENCES

The Biological Sciences major aims to nurture students to embark on scientific research, educational, professional or technical career after graduation. We provide a rigorous, broad-spectrum curriculum combined with specialization in major fields of biology such as cancer biology, nano-biotechnology, regenerative medicine, microbiology and neurobiology. The programme presents an in-depth study of biomedical and life sciences, with courses ranging from bioinformatics to biochemistry, genetics, cellular & molecular biology and immunology. With the two tailor-made practical courses as well as opportunities in research rotations and projects, students will gain a thorough understanding of how science is done with advanced technologies including omics & genome editing and state-of-the-art equipment in our research laboratories. It also nurtures students who are interested in pursuing postgraduate research training and undertaking a broad range of science-based careers.

BMS Major

BIOMEDICAL SCIENCES

The Biomedical Sciences major emphasises the integration of basic fundamental knowledge in biomedical sciences with investigative skills and state-of-the-art technologies to enable students to understand the causes and diagnoses and treatments of human disorders and diseases. The programme is designed to prepare graduates for employment in medical and diagnostic laboratories, medical device and biotech/pharmaceutical industries and research. Our unique industry-informed curriculum provides students with extensive exposure to medical laboratory technology, modern biotechnology, and medical lab/industrial training opportunities through our strategic partnership with the healthcare and medical laboratory sectors as well as biotech and pharmaceutical industries.

CAREER PROSPECTS



Medical & Health Services

- ▶ Diagnostics sector in medical and health industries
- ▶ Medical devices sector in the health industries
- ▶ Pharmaceutical and laboratory instrumentation industries

- ▶ Teaching staff in universities
- ▶ Principal investigators in universities and non-profit research institutes
- ▶ Scientists/researchers in pharmaceutical and biotech research and development (R&D) industries



Education & Research

STUDENT ACTIVITIES



Field Trips

Faculty-student Gatherings



Exchange Programmes
Study Tours

Internships
Attachments



Career Talks
Company Visits

Management & Consultant

- ▶ Product marketing and sales
- ▶ Consultancy services
- ▶ Laboratory management
- ▶ Clinical trials management

- ▶ Environmental Protection Department
- ▶ Environment and Ecology Bureau and Health Bureau
- ▶ Agriculture, Fisheries and Conservation Department

Government

Others

- ▶ Patent law firms
- ▶ Public health
- ▶ Journalism

ADMISSIONS

JUPAS APPLICATIONS

JUPAS applicants may apply for admission to the Department of Biomedical Sciences with an undeclared major or admission to a major.

Department-based (with undeclared major)

Major will be allocated to students after their first year of study (Semester A and B)

JS1805 Biomedical Sciences
(Majors: BSc Biological Sciences / BSc Biomedical Sciences)

Major-based

JS1806 BSc Biological Sciences
JS1807 BSc Biomedical Sciences

DIRECT APPLICATIONS

Depending on applicants' entry qualifications, they may apply for admission to first-year studies or admission with Advanced Standing for a Degree Programme in the Department of Biomedical Sciences.

Department-based (with undeclared major)

Major will be allocated to students after their first year of study (Semester A and B)

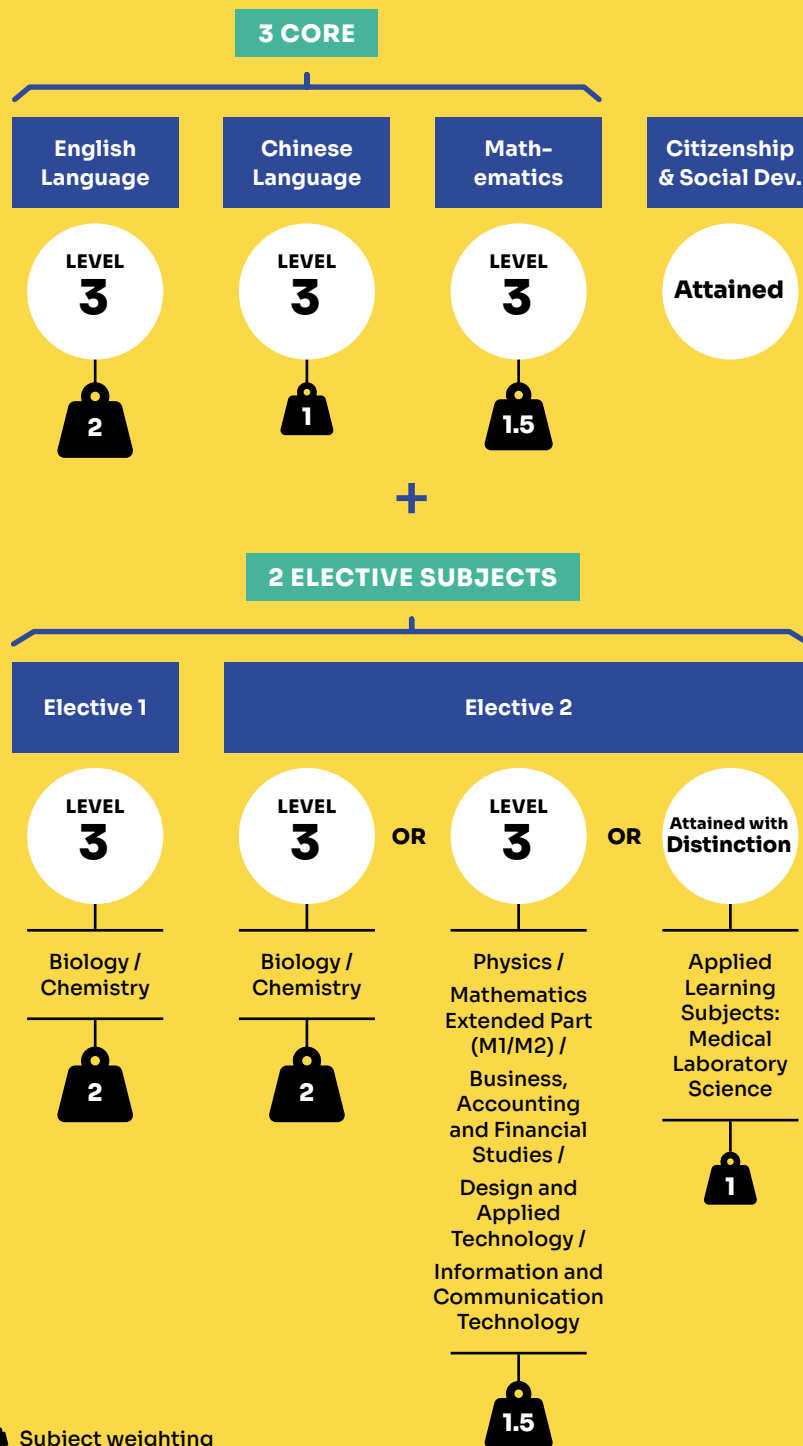
1805 Biomedical Sciences
(Majors: BSc Biological Sciences / BSc Biomedical Sciences)

Major-based

1701A BSc Biological Sciences (Advanced Standing I)
1806 BSc Biological Sciences
1807 BSc Biomedical Sciences

Minimum HKDSE Entrance Requirements & Subject Weightings

(Applicable to all JUPAS programmes in the Department)



i For further details of entrance requirements and application procedures, please visit the website of our Admission Office: www.cityu.edu.hk/admo

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