



Department of Biomedical Sciences

香港城市大學
City University of Hong Kong

UNDERGRADUATE PROGRAMMES

Bachelor of Science in

Biological Sciences

理學士 (生物科學)

Bachelor of Science in

Biomedical Sciences

理學士 (生物醫學)

DEPARTMENT OF
BIOMEDICAL SCIENCES
生物醫學科學系



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 and 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 and 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.

Beyond the classroom

Student Activities



- Student Exchanges | Study Tours | Summer Programmes | Clinical & Industrial Attachments
- Field Trips | Internships | Company Visits | Faculty-student Gatherings | Career Talks

Career Prospects

Medical & Health Services	- Diagnostics sector in medical and health industries - Medical devices sector in the health industries - Pharmaceutical and laboratory instrumentation industries
Education & Research	- Scientists/researchers in pharmaceutical and biotech research and development (R&D) industries - Teaching staff in universities - Principal investigators in universities and non-profit research institutes
Management & Consultant	- Product marketing and sales - Consultancy services - Laboratory management - Clinical trials management
Government	- Environmental Protection Department - Environment and Ecology Bureau, and Health Bureau - Agriculture, Fisheries and Conservation Department
Others	- Patent law firms - Public health - Journalism

Admission

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

undeclared major

JS1805 Biomedical Sciences
Major (BSc Biological Sciences / BSc Biomedical Sciences) will be allocated to students after their first year of study (Semester A and B).

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

undeclared major

1805 Biomedical Sciences
Major (BSc Biological Sciences / BSc Biomedical Sciences) will be allocated to students after their first year of study (Semester A and B).

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 of Biomedical Sciences

CORE SUBJECTS

	Minimum	Weight
English Language	Level 3	× 1.5
Chinese Language	Level 3	× 1
Mathematics	Level 3	× 1.25
Citizenship & Social Development	Attained	

ELECTIVE SUBJECTS

Elective 1

	Minimum	Weight
Biology / Chemistry	Level 3	× 1.5

Elective 2

	Minimum	Weight
Biology / Chemistry	Level 3	× 1.5
OR		
Physics / Mathematics Extended Part (M1/M2) / Business, Accounting & Financial Studies / Information & Communication Technology / Design & Applied Technology	Level 3	× 1.25
OR		
Any other elective subjects	Level 3	× 1
OR		
Applied Learning Subject: Medical Laboratory Science	Attained with Distinction II	× 1

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