

**DEPARTMENT OF
BIOMEDICAL SCIENCES**
生物醫學系



**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)





BIOLOGICAL SCIENCES (BISI) MAJOR

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, nanobiotechnology, 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.



“

Despite having always been interested in biology and wanting to delve further into the fascinating world of biological sciences, I was initially unsure about what aspect of biology interested me most to pursue as a career pathway. Here as part of the BISI programme at CityU, I have had the incomparable opportunity to explore a range of biology-related fields. Moreover, from the interactive lab sessions to the group projects in several of my major courses, I have been encouraged to work in a unique set of circumstances with a diverse group of individuals. And despite the thorough coverage of the curriculum, I am grateful that I still had option to allocate time to and take up a minor programme alongside. I also feel that the opportunities the BMS department provides are limitless and highly useful if pursued. I have had two internships, as part of the Global Work Attachment Programme Scheme and the ITC STEM Internship Programme, both of which were opportunities communicated to me by my department. These were crucial in my ascertaining of the career pathway I would like to pursue. Having the opportunity to study something I enjoy, in a city that fascinates me every day with its diversity and vibrancy has been an experience I would not give up for anything!

” **MARTINS Ria Angeline**
(Year 4, BISI major)

BIOMEDICAL SCIENCES (BMS) MAJOR

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 & diagnostic laboratories, medical device & 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 & pharmaceutical industries.



Back in my freshman year, I worried a lot about my university life. While adapting to a new environment was already frustrating, we also had to face the severe challenges from COVID-19. I ended up spending the first year attending purely online lessons and, thankfully, two lab sections that were conducted face-to-face. Despite the depressing situation, the learning experience in BMS programme goes far beyond my expectations. I am impressed by the interactive learning atmosphere of the university. Tutors promote self-directed learning and inspire innovative thinking. They encourage students to discuss matters with them and are open to questions.

Moreover, most students are self-motivated learners that always stay curious. They are friendly and generous in helping one another as well. In short, I would say that CityU BMS is a fulfilling programme. Handling individual assignments, group presentations, lab practical, internships etc., have provided me with a diverse learning experiences. Throughout my study journey, I am well-equipped with professional medical knowledge, laboratory techniques, and even some valuable soft skills. I sincerely believe that all the takeaways from BMS will pave the way for better career paths for students.

CHING Kwong Kwan
(Year 4, BMS major)



| | |
|--|--|
|  Medical & Health Services | <ul style="list-style-type: none"> ▶ Diagnostics sector in medical and health industries ▶ Medical devices sector in the health industries ▶ Pharmaceutical and laboratory instrumentation industries |
|  Education & Research | <ul style="list-style-type: none"> ▶ 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 |
|  Management & Consultant | <ul style="list-style-type: none"> ▶ Product marketing and sales ▶ Consultancy services ▶ Laboratory management ▶ Clinical trials management |
|  Government | <ul style="list-style-type: none"> ▶ Environmental Protection Department ▶ Environment and Ecology Bureau and Health Bureau ▶ Agriculture, Fisheries and Conservation Department |
|  Others | <ul style="list-style-type: none"> ▶ Patent law firms ▶ Public health ▶ Journalism |

CAREER PROSPECT

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)

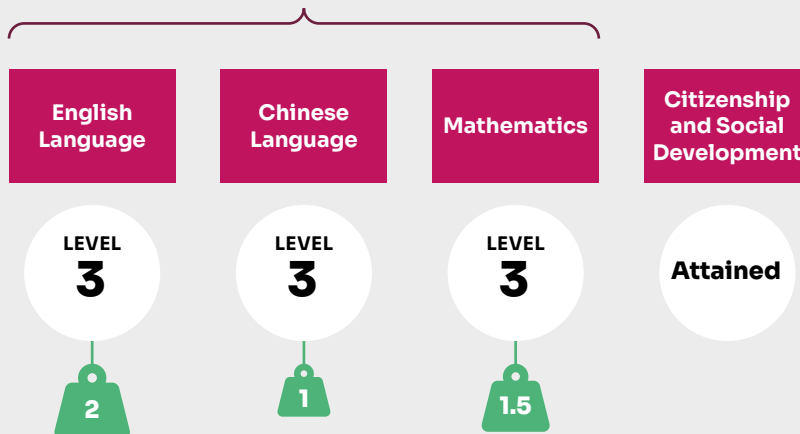
JS1805 Department of Biomedical Sciences
Options: BSc Biological Sciences and BSc Biomedical Science

MAJOR-BASED

JS1806 BSc Biological Sciences
JS1807 BSc Biomedical Sciences

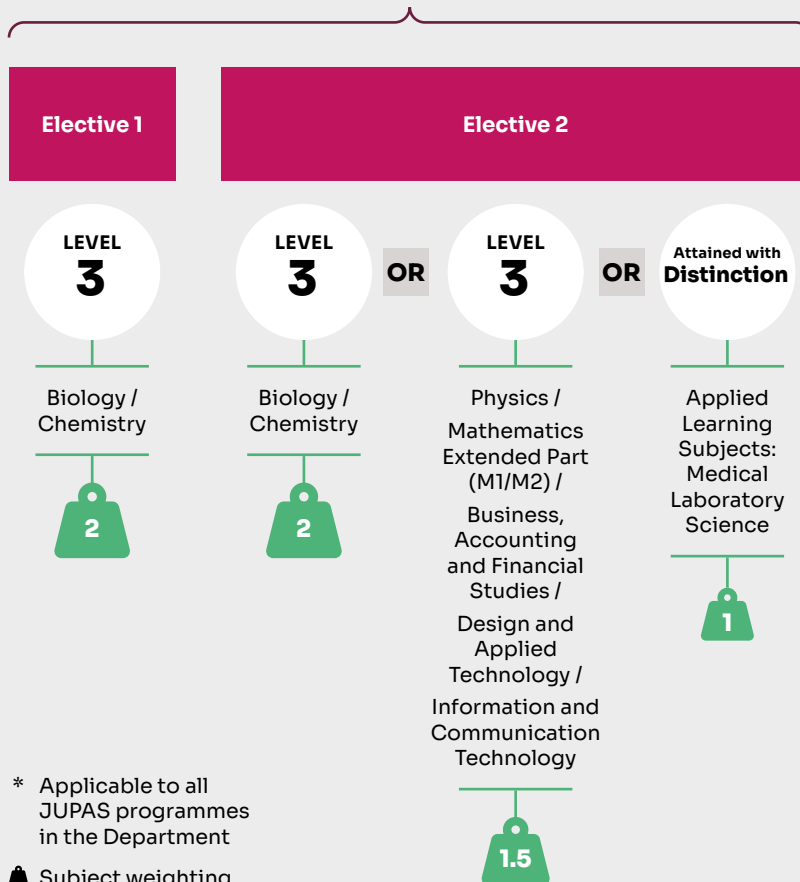
Minimum Entrance Requirements, Main Admission Score Calculation & Subject Weightings for HKDSE Students*

3 CORE



+

2 ELECTIVE SUBJECTS



* Applicable to all JUPAS programmes in the Department

Subject weighting

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 Department of Biomedical Sciences
Options: BSc Biological Sciences and BSc Biomedical Science

MAJOR-BASED

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

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

Department of Biomedical Sciences, City University of Hong Kong

Website: www.cityu.edu.hk/bms

Tel: +852 3442-4826 / 3442-4438 / 3442-4707

Email: bms.ug@cityu.edu.hk

