

College of Biomedicine

生物醫學院

Department of Biomedical Sciences

生物醫學科學系



香港城市大學
City University of Hong Kong

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）



楊建文學術樓
Yeung Kin Man Academic Building



Student Handbook
2026-2027

Student Handbook for 2026 cohort

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1. INTRODUCTION

This Student Handbook is designed to provide students registered in the Department of Biomedical Sciences with an understanding of the nature of the programmes and with details of the contents. This handbook is subject to review from time to time. Students are advised to visit relevant websites for updated information. In the event of any discrepancy between the information on the University website and the contents of this handbook, the Department of Biomedical Sciences reserves the right of final decision and interpretation.

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2. DEPARTMENT OF BIOMEDICAL SCIENCES

The Department of Biomedical Sciences was established in January 2014 to develop strategic growth areas in the life sciences. It has the aim of becoming a leading centre for biomedical education and cutting-edge research on cancer, neuroscience and regenerative medicine. Besides carrying out internationally competitive research and promotes interdisciplinary collaboration in biomedical sciences, the Department provides programmes that best equip graduates for future careers in healthcare, pharmaceutical, biotech and related industries. It currently offers two full time undergraduate majors and research programmes in a stimulating teaching, learning and research environment.

The Department currently has 30 faculty members and 4 teaching fellows, who have won such prestigious awards as the Higher Education Outstanding Scientific Research Output Award (Science and Technology), achieved outstanding results in grant applications, and produced high quality research outputs.

All programmes and research activities are supported by a wide range of state-of-the-art programme with cutting-edge techniques including electrophysiology and in vivo imaging, and anatomical, genetic, molecular and cellular tools to address challenges in the biomedical sciences.

3. MAJOR ALLOCATION FOR 4-YEAR DEGREE STUDENTS (UNDECLARED MAJOR)

Students who admitted to first-year studies with an undeclared major (BDBMS) at the Department, will enter a major (current major options: **Biological Sciences, Biomedical Sciences**) after their first year* of study. The top 40% of students# will have a free choice of majors offered by the Department. The other 60% of students will be allocated a major within the Department, subject to the availability of places and the selection criteria set by individual majors.

** First year of study is Semester A and B of 2026-27*

based on CGPA with no failed grades and completion of at least 30 credit units in Semester A and B of 2026-27 including College/Department required courses

4. BACHELOR OF SCIENCE IN BIOLOGICAL SCIENCES

4.1 Programme Specification

Programme Title	BSc in Biological Sciences (BSc BISI)
Language of Delivery and Assessment	English
Programme Leader	Prof Kingston Mak
Location of Delivery	City University of Hong Kong
Course URL	https://www.cityu.edu.hk/bms/ug/bscbisi.htm
Programme Code	Normative 4-year Degree: BSCBDU4 BISI Advanced Standing I: BSCBDU3 BISI
Mode/Duration of Study	Normative 4-year Degree: 4 years, full time Advanced Standing I: 3 years, full time
Minimum QF credit requirement	Normative 4-year Degree: 121 credits Advanced Standing I: 91 credits

4.2 Programme Rationale, Aims and Objectives

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.

The **Human and Artificial Intelligence stream** aims to equip students with a comprehensive understanding of the intersection between neuroscience and artificial intelligence (AI). Through a multidisciplinary approach, students will explore the principles, methods, and applications of AI in neuroscience, fostering critical thinking and analytical skills. This stream emphasizes integrating knowledge from neuroscience and AI to address complex biological questions and develop innovative solutions. While current AI algorithms mimic synaptic plasticity, advancing AI requires more efficient learning models inspired by human intelligence. This stream combines theoretical knowledge with hands-on experience, providing practical expertise in utilizing AI techniques for biological research. Our holistic approach prepares students for careers at the forefront of this rapidly evolving field, equipping them with combined knowledge and practice in biology (specifically neuroscience) and engineering.

4.3 Learning Outcomes

Upon successful completion of this major, students should be able to:

- Explain biological phenomena from the molecular to cellular basis of life;
- Explain biological phenomena based on lectures and observations in the laboratory;
- Design experiment and evaluate experimental data to test hypotheses, and to create innovative and practical solutions;
- Demonstrate good time management and problem-solving skills, and effectively

- communicate scientific ideas in both written and oral formats;
- Demonstrate the ability to read, understand, and critically review scientific information
- Accomplish laboratory-based or problem-based tasks independently;
- Apply the broad-based foundation and latest advances in the knowledge of biological sciences to real world problems;
- Develop strategies for acquisition, application and synthesis of knowledge in the biological sciences;
- Apply biological knowledge to address bioethical issues and to understand the role of science in society and the ethical conduct of science.

4.4 Programme Leader and Deputy Programme Leaders

Programme Leader Prof Kingston Mak

Deputy Programme Leaders Prof Kiwon Ban, Prof Kui Ming Chan

5. BACHELOR OF SCIENCE IN BIOMEDICAL SCIENCES

5.1 *Programme Specification*

Programme Title	BSc in Biomedical Sciences (BSc BMS)
Language of Delivery and Assessment	English
Programme Leader	Prof Gigi Lo
Location of Delivery	City University of Hong Kong
Course URL	https://www.cityu.edu.hk/bms/ug/bscbms.htm
Programme Code	Normative 4-year Degree: BSCBDU4 BMS
Mode/Duration of Study	Normative 4-year Degree: 4 years, full time
Minimum QF credit requirement	Normative 4-year Degree: 121 credits

5.2 *Programme Rationale, Aims and Objectives*

The **Biomedical Sciences major** emphasizes 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.

5.3 *Learning Outcomes*

Upon successful completion of this major, students should be able to:

- Acquire experience in the areas of biomedical sciences and healthcare related industry, and the processes of design and development of diagnostic and therapeutic products, medical laboratory testing and food/drug safety testing, and discovery and innovation;
- Evaluate issues related to assurance and compliance to meet the requirements of health and safety regulations;
- Apply the integration of basic knowledge and biomedical specialist subject areas to the understanding and the laboratory testing of infectious pathogens and physiological disorders;
- Demonstrate required problem solving ability, discipline and subject-specific skill associated with laboratory practice, key transferable skills, and teamwork in basic and applied biomedical research;
- Meet the required levels and standards of relevant professional bodies.

5.4 *Programme Leader and Deputy Programme Leaders*

Programme Leader	Prof Gigi Lo
Deputy Programme Leaders	Mr Jacky Ng, Ms Fannie Tsang

6. COURSE LEADERS & ACADEMIC ADVISOR

6.1 Course Leaders of the major courses

Course Code	Course Title	Course Leader	Dept
BMS1901	Calculus For Life Sciences	Prof Sean Yuan	BMS
BMS2001	Medical Microbiology	Prof Rebecca Chin	BMS
BMS2002	Pathophysiology	Prof Liang Zhang	BMS
BMS2003/B	Clinical Chemistry	Prof Gigi Lo	BMS
BMS2004	Biochemistry	Ms Fannie Tsang	BMS
BMS2005	Human Physiology	Prof Geoffrey Lau	BMS
BMS2007	Human Anatomy	Prof Xiang Qian Lao	BMS
BMS2008/B	Hematology	Mr Jacky Ng	BMS
BMS2201	Molecular Biology of the Cell	Prof Kui Ming Chan	BMS
BMS2202	Diversity of Life and Evolution	Prof Sean Yuan	BMS
BMS2204	Diversity of Life and Microbiology Laboratory	Prof Lingxi Chen	BMS
BMS2205	Essential Techniques in Biomedical Sciences	Prof Kingston Mak	BMS
BMS2206	Cell Biology	Prof Kui Ming Chan	BMS
BMS2901	Introductory Biostatistics and Data Analysis	Prof Katie Chan	BMS
BMS3002/B	Cellular Pathology	Prof Kam Chu Han	BMS
BMS3003/B	Advanced Clinical Chemistry	Prof Savio Szeto	BMS
BMS3004/B	Advanced Medical Microbiology	Ms Fannie Tsang	BMS
BMS3005/B	Medical Genetics	Prof Kui Ming Chan	BMS
BMS3006/B	Transfusion Science and Technology	Mr Jacky Ng	BMS
BMS3007	Ethics and Practice in Medical Laboratory	Prof Savio Szeto	BMS
BMS3008	Modern Medical Laboratory Techniques and Instrumentation	Prof Savio Szeto	BMS
BMS3009	Clinical Laboratory /Industrial Attachment	Mr Jacky Ng	BMS
BMS3011/B	Advanced Hematology	Mr Jacky Ng	BMS
BMS3203A	Genetics	Prof Xiang Qian Lao	BMS
BMS3204	Molecular Biology	Prof Kingston Mak	BMS
BMS3205	Omics, Genome Editing and Advanced Techniques for Biomedical Research	Prof Kingston Mak	BMS
BMS3301	Bioinformatics	Prof Jilin Zhang	BMS
BMS4001	Medical Informatics and Laboratory Management	Prof Lingxi Chen	BMS
BMS4002	Public Health and Emerging Infectious Diseases	Prof Peter Lidsky	BMS
BMS4003/B	Clinical Biochemistry and Molecular Diagnostics	Prof Zongli Zheng	BMS
BMS4004/B	Advanced Cellular Pathology	Prof Kam Chu Han	BMS
BMS4005/B	Medical Virology	Prof Wenjun Xiong	BMS
BMS4006	Final Year Project: Medical Laboratory Research	Prof Li Wang	BMS
BMS4007	Pharmacology and Toxicology	Prof Youngjin Lee	BMS
BMS4008	Clinical Immunology	Prof Kwan Chow	BMS

Course Code	Course Title	Course Leader	Dept
BMS4102	Technology for Regenerative Medicine	Prof Kiwon Ban	BMS
BMS4206	Final Year Project in Biomedical Research	Prof Kingston Mak	BMS
BMS4301	Cancer Biology	Prof Jian Yan	BMS
BMS4303	Neuroscience	Prof Wenjun Xiong	BMS
BMS4304	Industrial Attachment: Biotechnology and Health Sciences	Prof Kingston Mak	BMS
CHEM1200	Discovery in Biology	Prof Yuefei Ruan	CHEM
CHEM1300	Principles of General Chemistry	Prof Andy Siu	CHEM
CHEM2013	Microbiology	Ms Fannie Tsang	CHEM
CHEM3068	General Ecology	Prof Siu Gin Cheung	CHEM
GE1401	University of English	Prof Ge Lan	EN
GE1501	Chinese Civilisation - History and Philosophy	Dr Lisa L S Chui	CAH
GE1601	Whole-Person Development	TBC	SDS
GE2401	English for Science	Prof Benjamin Moorhouse	EN
PHY1400	Introductory Physics for Biologists	Prof J Z Ma	PHY

6.2 Academic Advisor

You will be assigned to an Academic Advisor when you enter the programme. Your Academic Advisor is an academic staff who will give you advice and guidance to support you during your study at the University. You should meet with your Academic Advisor each semester. More information will be sent to you after school commences in September/October.

7. CURRICULUM STRUCTURE

7.1 Degree Requirement (for Biological Sciences major)

A summary of the major structure and the minimum graduation requirement for this Biological Sciences programme is shown in the following table:

Degree Requirements	Normative 4-year Degree	Normative 4-year Degree ["Bio ³ " Stream]	Advanced Standing I
Gateway Education requirement (Table I)	31 credit units	31 credit units	22 credit units
College/School requirement	Not Applicable	Not Applicable	Not Applicable
Major requirement	72 credit units (Core: 57 Elective:15)	79 credit units (Core: 64 Elective:15)	69 credit units (Core: 57 Elective: 12)
Free electives / Minor (if applicable)	18 credit units	18 credit units	0 credit units
Minimum number of credit units required for the award	121 credit units	128 credit units	91 credit units
Maximum number of credit units permitted	144 credit units	144 credit units	114 credit units

7.2 Degree Requirement (for Biomedical Sciences major)

A summary of the major structure and the minimum graduation requirement for this Biomedical Sciences programme is shown in the following table:

Degree Requirements	Normative 4-year Degree	Normative 4-year Degree ["Bio ³ " Stream]
Gateway Education requirement (Table I)	31 credit units	31 credit units
College/School requirement	Not Applicable	Not Applicable
Major requirement	90 credit units (Core: 90 CUs Elective: 0 CUs)	97 credit units (Core: 97 CUs Elective: 0 CUs)
Free electives/Minor (if applicable)	Remainder to fulfil the credit requirement for graduation, if any	Remainder to fulfil the credit requirement for graduation, if any
Minimum number of credit units required for the award	121 credit units	128 credit units
Maximum number of credit units permitted	144 credit units	144 credit units

Table I Gateway Education Requirement

	Normative 4-year Degree	Advanced Standing I
<u>University requirements</u>		
GE English (1): GE1401 University English	3 credit units	3 credit units
GE English (2): Discipline-specific English: GE2401 English for Science	3 credit units	3 credit units
GE1501 Chinese Civilisation – History and Philosophy	3 credit units	3 credit units
GE1601 Whole-Person Development	1 credit unit	1 credit unit
<u>Distributional requirements</u> Area 1: Arts and Humanities Area 2: Study of Societies, Social and Business Organisations Area 3: Science and Technology	12 credit units <i>(At least one course from each of the three areas)</i>	6 credit units <i>(From two different areas)</i>
<u>College-specified courses</u> ^	9 credit units	6 credit units
Total	31 credit units	22 credit units

^ College-specified courses for fulfilling the Gateway Education requirement

Course Code	Course Title	Credit Units
Normative 4-year Degree (9 credit units)		
PHY1400	Introductory Physics for Biologists	3
CHEM1300	Principles of General Chemistry	3
CHEM1200	Discovery in Biology	3
Advanced Standing I Any courses NOT within the Major Requirement (including core courses and electives)		6

***Students who intend to choose the Biomedical Sciences (BMS) or Biological Sciences (BISI) major are advised to take CHEM1200 in the first year which is a prerequisite for a core course schedule in Year 2 Semester A.**

- GE1601 Whole-Person Development **(New)** will be registered to students in Semester A.
- Undergraduate students are required to meet with their Academic Advisors at least twice during Week 2 to Week 10 for the new GE course, GE1601 Whole-Person Development.

University Language Requirements

English Language Requirement

Students are required to complete the following courses:

Entry Qualification in Chinese	Normative 4-year Degree ¹	Advanced Standing I ²	Advanced Standing II ³
GE English (1): GE1401 University English	3 credits	3 credits	--
GE English (2): Discipline-specific English	3 credits	3 credits	3 credits
LC0200A English for Academic Purposes 1* and LC0200B English for Academic Purposes 2 <i>(for students whose entry qualification in English scoring below Level 4 in HKDSE English Language or below Grade D in HKALE AS-level Use of English, or as determined by the Language Centre)</i>	6 credits [#]	6 credits [#]	--

* Early Exit Arrangement

Bachelor's degree students successfully completing LC0200A and LC0200B for a total of 6 credits will be considered to have achieved the minimum standard required for proceeding to the GE English courses. Students who have achieved a grade B or above in their overall course results for LC0200A will be permitted to exit the programme at this point. They will achieve 3 credits and also be considered to have satisfied the pre-requisite for entry to the GE English courses.

The credits earned from taking LC0200A (3 credits) and/or LC0200B (3 credits) will not be counted towards the minimum credit units required for graduation and will not be included in the calculation of cumulative grade point average (CGPA). However, they will be counted towards the maximum credit units permitted.

Note 1: Applicable to students enrolled under the Bachelor of Veterinary Medicine programme.

Note 2: For students with recognised Advanced Level Examinations or equivalent qualifications.

Note 3: For Associate Degree/Higher Diploma graduates admitted as senior-year intake students.

For students who do not have Hong Kong public examinations results as specified above, the Chan Feng Men-ling Chan Shuk-lin Language Centre (LC) will invite them to sit for an [English Placement Test](#) to determine whether they need to take the courses LC0200A and LC0200B. Students may, instead of taking the Test, provide an alternative English proficiency qualification (e.g. TOFEL or IELTS) for consideration by the LC. A waiver from taking the LC0200A and LC0200B may be granted for students who have achieved the required English proficiency. For details, please visit the [website](#) of the Language Centre.

For details of English Language Requirement, please visit:

https://www.cityu.edu.hk/catalogue/ug/current/catalogue/catalogue_UC.htm?page=B/eng_lang_requirement.htm

Chinese Language Requirement

Students may be required to complete the 3-credit **CHIN1001 University Chinese I[#]** according to their entry qualification in Chinese:

Entry Qualification in Chinese	Normative 4-year Degree ¹	Advanced Standing I ²	Advanced Standing II ³
- Scoring Level 4 or above in HKDSE Chinese Language - Scoring Grade D or above in HKALE AS-level Chinese Language and Culture	No	No	No
- Scoring below Level 4 in HKDSE Chinese Language - Scoring below Grade D in HKALE AS-level Chinese Language and Culture	Yes	Yes	No
Students who do not have the Hong Kong public examinations result of HKDSE Chinese Language or HKALE AS-level Chinese Language and Culture	No	No	No

The 3-credit CHIN1001 University Chinese I will not be counted towards the minimum credit units required for graduation and will not be included in the calculation of cumulative grade point average (CGPA). However, they will be counted towards the maximum credit units permitted.

Note 1: Applicable to students enrolled under the Bachelor of Veterinary Medicine programme.

Note 2: For students with recognised Advanced Level Examinations or equivalent qualifications.

Note 3: For Associate Degree/Higher Diploma graduates admitted as senior-year intake students.

For details of Chinese Language Requirement, please visit:

https://www.cityu.edu.hk/catalogue/ug/current/catalogue/catalogue_UC.htm?page=B/chi_lang_requirement.htm

7.3 Curriculum Details (for Biological Sciences major)

1.(a) Major Core Courses (57 credit units)

Course Code	Course Title	Credit Units	Remarks
BMS1901	Calculus For Life Sciences	3	
CHEM2013	Microbiology	3	
BMS2202	Diversity of Life and Evolution	3	
BMS2204	Diversity of Life and Microbiology Laboratory	2	
BMS2205	Essential Techniques in Biomedical Sciences	4	This course is equivalent to BMS2203 Laboratory Course for Cell Biology and Biochemistry.
BMS2901	Introductory Biostatistics and Data Analysis	3	
BMS2004	Biochemistry	3	
BMS2005	Human Physiology	3	
BMS2206	Cell Biology	3	This course is equivalent to BMS2201 Molecular Biology of the Cell.
BMS3203A	Genetics	3	
BMS3204	Molecular Biology	3	This course is equivalent to CHEM3017 Molecular Biology.
BMS3205	Omics, Genome Editing and Advanced Techniques for Biomedical Research	2	
CHEM3068	General Ecology	4	
BMS3301	Bioinformatics	3	
BMS4007	Pharmacology and Toxicology	3	
BMS4008	Clinical Immunology	3	
BMS4102	Technology for Regenerative Medicine	3	
BMS4301	Cancer Biology	3	
BMS4303	Neuroscience	3	

1. (b) Core Courses exclusively for Normative 4-year Degree students [“Bio³” Stream] (7 credit units)

Course Code	Course Title	Credit Units	Remarks
CBM4000	Research Seminar	1	
CBM4001	Overseas Research Project	3	
BME2104	Tissue Engineering	3	Select <u>ONE</u> course to take from this list
BME2105	Introduction to Biomedical Engineering	3	
BME3101	Micro and Nanotechnology for Biomedical Engineering	3	
BME3103	Bio-sensors and Bio-devices	3	
BME4103	Bio-safety and Risk Assessment	3	
BME4104	Technology for Drug Discovery	3	
BMS2002*	Pathophysiology	3	
BMS2007*	Human Anatomy	3	
BMS3007*	Ethics and Practice in Medical Laboratory	3	
BMS3101*	Cell Transport and Signalling	3	
BMS4001*	Medical Informatics and Laboratory Management	3	
NS2001*	Cognition and Behavior	3	
NS2002	Molecular and Cellular Neurobiology	3	
NS2003*	Introduction to Artificial Intelligence with Brain Computing and Application	3	
NS3001*	Technologies in Neuroscience	3	
NS3002*	Learning and Memory	3	
NS3003*	Ethical Application of Artificial Intelligence in Biological Sciences and Healthcare	3	
NS4002*	A Mathematical Introduction to Neural Networks	3	

* No double-counting is permitted for BISI students when taking these courses. Each course can only fulfill either the BISI major requirement or the Flagship Programme (stream) requirement.

2. Stream Core Course (15 credit units) (Human and Artificial Intelligence Stream)

On top of the core courses (57 credit units) listed above, students who opt for Human and Artificial Intelligence Stream are required to take the following stream core courses (15 credit units), in total 72 credit units for core courses.

Course Code	Course Title	Credit Units	Remarks
NS2003	Introduction to Artificial Intelligence with Brain Computing and Application	3	
NS3003	Ethical Application of Artificial Intelligence in Biological Sciences and Healthcare	3	
NS4002	A Mathematical Introduction to Neural Networks	3	
NS4003	Practical Artificial Intelligence Internship in Life Sciences and Biotech	6	

3. Major Elective Courses

Normative 4-year Degree: 15 credit units

Advanced Standing I: 12 credit units

Note:

1. For Normative 4-year Degree / Normative 4-year Degree [“Bio³” Stream] students, you are required to register either BMS4206 Final Year Project in Biomedical Research OR BMS4304 Industrial Attachment: Biotechnology and Health Sciences as one of the Major Elective courses to fulfill university degree requirement.
2. For Advanced Standing I students, you are required to register either BMS4206 Final Year Project in Biomedical Research OR BMS4304 Industrial Attachment: Biotechnology and Health Sciences as one of the Major Elective courses.
3. Students who opt for Human and Artificial Intelligence Stream are not required to take any electives.

Course Code	Course Title	Credit Units	Remarks
BMS1701A	Biomedical Research – Rotation Project I (Theme A)	1	
BMS1701B	Biomedical Research – Rotation Project I (Theme B)	1	
BMS1701C	Biomedical Research – Rotation Project I (Theme C)	1	
NS1001	Brain Structure and Function	3	
BMS2002	Pathophysiology	3	
BMS2003B	Clinical Chemistry	2	
BMS2007	Human Anatomy	3	
BMS2008B	Hematology	2	
BMS2301A	Biomedical Research – Rotation Project II (Theme A)	1	
BMS2301B	Biomedical Research – Rotation Project II (Theme B)	1	
BMS2301C	Biomedical Research – Rotation Project II (Theme C)	1	
NS2001	Cognition and Behavior	3	

Course Code	Course Title	Credit Units	Remarks
NS2003	Introduction to Artificial Intelligence with Brain Computing and Application	3	Will be counted as Stream Core course for those students declared Human and Artificial Intelligence Stream
BMS3002B	Cellular Pathology	2	
BMS3003B	Advanced Clinical Chemistry	2	
BMS3006B	Transfusion Science and Technology	2	
BMS3007	Ethics and Practice in Medical Laboratory	3	
BMS3011B	Advanced Hematology	2	
BMS3101	Cell Transport and Signalling	3	
NS3001	Technologies in Neuroscience	3	
NS3002	Learning and Memory	3	
NS3003	Ethical Application of Artificial Intelligence in Biological Sciences and Healthcare	3	Will be counted as Stream Core course for those students declared Human and Artificial Intelligence Stream
BMS4001	Medical Informatics and Laboratory Management	3	
BMS4003B	Clinical Biochemistry and Molecular Diagnostics	2	
BMS4004B	Advanced Cellular Pathology	2	
BMS4005B	Medical Virology	2	
BMS4206	Final Year Project in Biomedical Research	8	Not to be taken by students who opt for Human and Artificial Intelligence Stream
BMS4304	Industrial Attachment: Biotechnology and Health Sciences	8	Not to be taken by students who opt for Human and Artificial Intelligence Stream
CHEM4078	Aquatic Ecology	4	Course offered in alternate years
NS4001	Brain Disorder and Therapy	3	
NS4002	A Mathematical Introduction to Neural Networks	3	Will be counted as Stream Core course for those students declared Human and Artificial Intelligence Stream
NS4003	Practical Artificial Intelligence Internship in Life Sciences and Biotech	6	Will be counted as Stream Core course for those students declared Human and Artificial Intelligence Stream

7.4 Curriculum Details (for Biomedical Sciences major)

(a) Major Core Courses (90 credit units)

Course Code	Course Title	Credit Units
BMS1901	Calculus For Life Sciences	3
BMS2001	Medical Microbiology	3
BMS2002	Pathophysiology	3
BMS2003	Clinical Chemistry	3
BMS2004	Biochemistry	3
BMS2005	Human Physiology	3
BMS2007	Human Anatomy	3
BMS2008	Hematology	3
BMS2201	Molecular Biology of the Cell	3
BMS2901	Introductory Biostatistics and Data Analysis	3
BMS3002	Cellular Pathology	3
BMS3003	Advanced Clinical Chemistry	3
BMS3004	Advanced Medical Microbiology	3
BMS3005	Medical Genetics	3
BMS3006	Transfusion Science and Technology	3
BMS3007	Ethics and Practice in Medical Laboratory	3
BMS3008	Modern Medical laboratory Techniques and Instrumentation	3
BMS3009	Clinical Laboratory /Industrial Attachment	9
BMS3011	Advanced Hematology	3
BMS4001	Medical Informatics and Laboratory Management	3
BMS4002	Public Health and Emerging Infectious Diseases	3
BMS4003	Clinical Biochemistry and Molecular Diagnostics	3
BMS4004	Advanced Cellular Pathology	3
BMS4005	Medical Virology	3
BMS4006	Final Year Project: Medical Laboratory Research	6
BMS4007	Pharmacology and Toxicology	3
BMS4008	Clinical Immunology	3

Course descriptions are available in the links as follows:

www.cityu.edu.hk/ug/current/catalogue/catalogue_UC.htm?page=B/B_major_index.htm

(b) Core Courses exclusively for Normative 4-year Degree students [“Bio³” Stream] (7 credit units)

Course Code	Course Title	Credit Units	Remarks
CBM4000	Research Seminar	1	
CBM4001	Overseas Research Project	3	
BME2104	Tissue Engineering	3	Select <u>ONE</u> course to take from this list
BME2105	Introduction to Biomedical Engineering	3	
BME3101	Micro and Nanotechnology for Biomedical Engineering	3	
BME3103	Bio-sensors and Bio-devices	3	
BME4103	Bio-safety and Risk Assessment	3	
BME4104	Technology for Drug Discovery	3	
BMS3101	Cell Transport and Signalling	3	
BMS4102	Technology for Regenerative Medicine	3	
BMS4301	Cancer Biology	3	
NS2001	Cognition and Behavior	3	
NS2002	Molecular and Cellular Neurobiology	3	
NS3001	Technologies in Neuroscience	3	
NS3002	Learning and Memory	3	
NS3003	Ethical Application of Artificial Intelligence in Biological Sciences and Healthcare	3	

Course descriptions are available in the links as follows:

www.cityu.edu.hk/ug/current/catalogue/catalogue_UC.htm?page=B/B_major_index.htm

7.5 Study Plans

For Biological Sciences major (BISI), the table 7.5.1 and 7.5.2 illustrates the suggested study plan for Normative 4-year and Advanced Standing I respectively.

For Biomedical Sciences major (BMS), the table 7.5.3 illustrates the suggested study plans for Normative 4-year.

For Undeclared Major (BDBMS), the table 7.5.4 illustrates the suggested study plans of Year-1 for Normative 4-year. After assigning major by early June, students with BISI or BMS major can refer to the tables 7.5.1 or 7.5.3 for the suggested study plans of Year-2, Year-3 and Year-4 for the Normative 4-year.

GE1601 Whole-Person Development (**New**) will be registered to students in Semester A. Undergraduate students are required to meet with their Academic Advisors **at least twice during Week 2 to Week 10** for the new GE course, GE1601 Whole-Person Development.

Please visit ARRO's webpage for the most updated major allocation timeline and selection criteria:
https://www.cityu.edu.hk/arro/curr/mjdc_main.htm

BSc BISI

Year 1 (2026/27)			
Semester A	CUs	Semester B	CUs
BMS1901 Calculus For Life Sciences	3	BMS2004 Biochemistry	3
CHEM1200 Discovery in Biology* [#]	3	PHY1400 Introductory Physics for Biologists*	3
CHEM1300 Principles of General Chemistry *	3	GE2401 English for Science [▲]	3
GE1401 University of English [▲]	3	GE1501 Chinese Civilization – History and Philosophy [▲]	3
GE1601 Whole-Person Development [▲]	1		
GE Distributional Requirements § /		GE Distributional Requirements § /	
Major Elective	3	Major Elective	3
Free Elective		Free Elective	
Total	16	Total	15
Year 2 (2027/28)			
Semester A	CUs	Semester B	CUs
BMS2005 Human Physiology	3	BMS2206 Cell Biology	3
BMS2202 Diversity of Life & Evolution	3	BMS2205 Essential Techniques in Biomedical Sciences	4
BMS2204 Diversity of Life and Microbiology Laboratory	2	BMS2901 Introductory Biostatistics and Data Analysis	3
BMS3203A Genetics	3	BMS3204 Molecular Biology	3
CHEM2013 Microbiology	3	GE Distributional Requirements § /	
		Major Elective	3
		Free Elective	
Total	14	Total	16
Year 3 (2028/29)			
Semester A	CUs	Semester B	CUs
BMS3205 Omics, Genome Editing and Advanced Techniques for Biomedical Research	2	BMS4008 Clinical Immunology	3
BMS3301 Bioinformatics	3	BMS4102 Technology for Regenerative Medicine	3
BMS4007 Pharmacology and Toxicology	3	BMS4301 Cancer Biology	3
BMS4303 Neuroscience	3	GE Distributional Requirements § /	
CHEM3068 General Ecology	4	Major Elective	6
		Free Elective	
Total	15	Total	15
Year 4 (2029/30)			
Semester A	CUs	Semester B	CUs
BMS4206 Final Year Project in Biomedical Research <u>OR</u> BMS4304 Industrial Attachment: Biotechnology and Health Sciences	(IP) 4	BMS4206 Final Year Project in Biomedical Research <u>OR</u> BMS4304 Industrial Attachment: Biotechnology and Health Sciences	4
GE Distributional Requirements § /		GE Distributional Requirements § /	
Major Elective	12	Major Elective	10
Free Elective		Free Elective	
Total	16	Total	14

Minimum number of credit units required: 121

Minimum number of credit units required: 121

Students who intend to choose the BISI major are advised to take CHEM1200 in the first year which is a prerequisite for core courses schedule in Year 2 Semester A.

▲ Gateway Education – University Requirements (10 Credit Units) – *Students are recommended to register in these courses in their first year of study or as soon as possible.*

* Gateway Education – College/School-specified courses (9 Credit Units)

§ Gateway Education – Distributional Requirements (12 Credit Units) *minimum 3 credit units from each area:*

Area 1: Arts and Humanities

Area 2: Study of Societies, Social and Business Organizations

Area 3: Science and Technology

IP "In Progress" for a year-long course

IP "In Progress" for a year-long course

7.5.2 Recommended Study Plan for BSc in Biological Sciences (Advanced Standing I [ASI])

For 2026 Cohort

BSc BISI

Year 2 (2026/27)		Semester B	
Semester A	CU's	Semester B	CU's
BMS1901 Calculus for Life Sciences	3	BMS2004 Biochemistry	3
BMS2005 Human Physiology	3	BMS2206 Cell Biology	3
BMS2202 Diversity of Life & Evolution	3	BMS2901 Introductory Biostatistics and Data Analysis	3
BMS2204 Diversity of Life and Microbiology Laboratory	2	GE1501 Chinese Civilization – History and Philosophy ▲	3
CHEM2013 Microbiology	3	GE2401 English for Science ▲	3
GE1401 University of English ▲	3		
GE1601 Whole-Person Development▲	1		
<i>Total</i>	18	<i>Total</i>	15
Year 3 (2027/28)		Semester B	
Semester A	CU's	Semester B	CU's
BMS3203A Genetics	3	BMS2205 Essential Techniques in Biomedical Sciences	4
BMS3301 Bioinformatics	3	BMS4008 Clinical Immunology	3
BMS4007 Pharmacology and Toxicology	3	BMS4102 Technology for Regenerative Medicine	3
BMS4303 Neuroscience	3	BMS4301 Cancer Biology	3
CHEM3068 General Ecology	4	GE College/School-specified courses*/	
		GE Distributional Requirements § /	3
		Major Elective	
<i>Total</i>	16	<i>Total</i>	16
Year 4 (2028/29)		Semester B	
Semester A	CU's	Semester B	CU's
BMS3205 Omics, Genome Editing and Advanced Techniques for Biomedical Research	2	BMS3204 Molecular Biology	3
BMS4206 Final Year Project in Biomedical Research OR	(IP) 4	BMS4206 Final Year Project in Biomedical Research OR	4
BMS4304 Industrial Attachment: Biotechnology and Health Sciences		BMS4304 Industrial Attachment: Biotechnology and Health Sciences	
GE College/School-specified courses*/		GE College/School-specified courses*/	
GE Distributional Requirements § /	7	GE Distributional Requirements § /	6
Major Elective		Major Elective	
<i>Total</i>	13	<i>Total</i>	13
Minimum number of credit units required: 91			

- (1) Students should pay special attention to the prerequisite of courses as specified in the syllabuses.
- (2) The curriculum information is subject to periodic review and changes.
- (3) Students must choose to take BMS4206 FYP in Biomedical Research (8 CU) or BMS4304 Industrial Attachment : Biotechnology and Health (8 CU) as their major elective course to fulfill graduation requirement.

▲ Gateway Education – University Requirements (10 Credit Units) – Students are recommended to register in these courses in their first year of study or as soon as possible.

* Gateway Education – College/School-specified courses (6 Credit Units): Any courses NOT within the Major Requirement (including core courses and electives)

§ Gateway Education – Distributional Requirements (6 Credit Units) from two different areas:

[Area 1: Arts and Humanities](#)

[Area 2: Study of Societies, Social and Business Organizations](#)

[Area 3: Science and Technology](#)

"In Progress" for a year-long course

7.5.3 Recommended Study Plan for BSc in Biomedical Sciences (Normative 4-year Degree)

For 2026 Cohort

BSc BMS

Year 1		Semester B	
Semester A	CUs	Semester B	CUs
CHEM1300 Principles of General Chemistry *	3	PHY1400 Introductory Physics for Biologists*	3
CHEM1200 Discovery in Biology **	3	BMS2004 Biochemistry	3
BMS1901 Calculus for Life Sciences	3	GE2401 English for Science ▲	3
GE1401 University English ▲	3	GE1501 Chinese Civilization – History and Philosophy ▲	3
GE1601 Whole-Person Development ▲	1	GE Distributional Requirements §	3
GE Distributional Requirements §	3		
Total	16	Total	15
Year 2		Semester B	
Semester A	CUs	Semester B	CUs
BMS2001 Medical Microbiology	3	BMS2002 Pathophysiology	3
BMS2005 Human Physiology	3	BMS2003 Clinical Chemistry	3
BMS2007 Human Anatomy	3	BMS2201 Molecular Biology of the Cell	3
BMS2008 Hematology	3	BMS2901 Introductory Biostatistics and Data Analysis	3
GE Distributional Requirements §	3	BMS3004 Advanced Medical Microbiology	3
		BMS3008 Modern Medical Laboratory Techniques and Instrumentation	3
Total	15	Total	18
Year 3		Semester B	
Semester A	CUs	Semester B	CUs
BMS3002 Cellular Pathology	3	BMS3005 Medical Genetics	3
BMS3003 Advanced Clinical Chemistry	3	BMS3006 Transfusion Science and Technology	3
BMS3011 Advanced Hematology	3	BMS3007 Ethics and Practice in Medical Laboratory	3
BMS4005 Medical Virology	3	BMS4004 Advanced Cellular Pathology	3
GE Distributional Requirements §	3	BMS4008 Clinical Immunology	3
Total	15	Total	15
Year 4		Semester B	
Semester A	CUs	Semester B	CUs
BMS4001 Medical Informatics and Laboratory Management	3	BMS3009 Clinical Laboratory/Industrial Attachment♦	9
BMS4002 Public Health and Emerging Infectious Diseases	3	BMS4006 Final Year Project: Medical Laboratory Research ■	3
BMS4003 Clinical Biochemistry and Molecular Diagnostics	3		
BMS4006 Final Year Project: Medical Laboratory Research ■	3		
	(IP)		
BMS4007 Pharmacology and Toxicology	3		
Total	15	Total	12
Minimum number of credit units required: 121			

- Note:**
- (1) Students should pay special attention to the prerequisite of courses as specified in the syllabuses.
 - (2) The curriculum information is subject to periodic review and changes.
 - (3) Clinical Laboratory/Industrial Attachment is with full time/day schedule. Students have to show up at host labs from Monday to Friday day time and are unable to attend any day-time course sections during the attachment.
 - (4) Some Clinical Laboratory/Industrial Attachment opportunities will be open in Year-3 Summer for students' participation.
 - (5) Please expect that you might start your final year project from Year-3 Summer, as you will be occupied for the Clinical Laboratory/Industrial Attachment assigned in Year-4 Semester B.

#	Students who intend to choose the BMS major are advised to take CHEM1200 in the first year which is a prerequisite for a core course schedule in Year 2 Semester A.
▲	Gateway Education – University Requirements (10 Credit Units) – Students are recommended to register in these courses in their first year of study or as soon as possible.
*	Gateway Education – College/School-specified Requirements (9 Credit Units)
§	Gateway Education – Distributional Requirements (12 Credit Units) minimum 3 credit units from each area: Area 1: Arts and Humanities ; Area 2: Study of Societies, Social and Business Organizations ; Area 3: Science and Technology
■	Timeslot and allocation of the Final Year Project may be subject to change.
◆	Timeslot and allocation of the Clinical Laboratory/Industrial Attachment are subject to change according to host lab availability.
IP	"In Progress" for a year-long course

7.5.4 Recommended Study Plan for Undeclared Major

For 2026 Cohort

BDBMS

Year 1 (2026/27)			
Semester A	CUs	Semester B	CUs
CHEM1300 Principles of General Chemistry *	3	PHY1400 Introductory Physics for Biologists*	3
CHEM1200 Discovery in Biology *#	3	BMS2004 Biochemistry	3
BMS1901 Calculus for Life Sciences	3	GE2401 English for Science ▲	3
GE1401 University English ▲	3	GE1501 Chinese Civilization – History and Philosophy ▲	3
GE1601 Whole-Person Development▲	1	GE Distributional Requirements §	3
GE Distributional Requirements §	3		
Total	16	Total	15
Minimum number of credit units required for Phase 1 Majors Allocation: 30			

Note: (1) Students should pay special attention to the prerequisite of courses as specified in the syllabuses
 (2) The curriculum information is subject to periodic review and changes.

(3) Please visit ARRO's webpage for the most updated major allocation timeline and selection criteria:
https://www.cityu.edu.hk/arro/curr/mjdc_main.htm

- GE1601 Whole-Person Development **(New)** will be registered to students in Semester A.
- Undergraduate students are required to meet with their Academic Advisors at least twice during Week 2 to Week 10 for the new GE course, GE1601 Whole-Person Development.

- # Students who intend to choose the BMS major are advised to take CHEM1200 in the first year which is a prerequisite for a core course schedule in Year 2 Semester A.
- ▲ **Gateway Education – University Requirements (10 Credit Units)** – *Students are recommended to register in these courses in their first year of study or as soon as possible.*
- * **Gateway Education – College/School-specified Requirements (9 Credit Units)**
- § **Gateway Education – Distributional Requirements (12 Credit Units) *minimum 3 credit units from each area:***
[Area 1: Arts and Humanities;](#)
[Area 2: Study of Societies, Social and Business Organizations;](#)
[Area 3: Science and Technology](#)
- Timeslot and allocation of the Final Year Project may be subject to change.
- ◆ Timeslot and allocation of the Clinical Laboratory/Industrial Attachment are subject to change according to host lab availability.
- IP "In Progress" for a year-long course

8. STUDY TOOLS AND COMMUNICATION CHANNELS

8.1 *DegreeWorks*

It is a degree audit and academic advising tool that matches your academic record against the curriculum requirements and helps you learn easily what courses you still need to take to fulfill the requirements of College/School, Gateway Education (GE), major, minor, etc. It also provides features that help you plan your studies and communicate with your advisors.

How to access DegreeWorks: **AIMS** [Study Plan > DegreeWorks]

Students are advised to go through the online tutorials and all materials available on ARRO's website to learn more about DegreeWorks: https://www.cityu.edu.hk/arro/dgwk/dgwk_main.htm

8.2 *Electronic Mail (e-mail)*

Information relevant to your studies will be disseminated to you via your CityU student electronic mail. You should check your e-mail account frequently for such messages. You are also encouraged to communicate with Programme leaders, Course leaders and your advisor/tutor through e-mail. Please clearly state your student name, student number and contact telephone number in your emails. To learn more on your student email services, please visit the website: www.cityu.edu.hk/csc/deptweb/services/email.htm

8.3 *Digital Learning support*

Students are encouraged to use Canvas, an e-learning platform, to communicate with the Course instructors/leaders, as well as among their fellow classmates. The Canvas also serves as the platform for instructors to disseminate course-related information to students.

Canvas and other e-Learning information: <https://www.cityu.edu.hk/dlsupport/student.html>

How to get course handouts through Canvas: <https://canvas.cityu.edu.hk/> > Courses > View All or Customize

8.4 *CityU Announcement Portal (CAP) at Student Intranet*

CityU Announcement Portal (CAP) is the CityU Announcement Portal that you must check **EVERYDAY** for announcements from the University, your College and your Department. Daily announcement digest (summary) will also be emailed to you.

CAP: <https://www.cityu.edu.hk/portal> > CAP (after log-in)

Also try the CAP App which you can download from the iOS and the Android apps stores.

8.5 *BMS Department Website*

You can access BMS Department website (www.cityu.edu.hk/bms) for departmental news.

8.6 *Joint Staff-Student Consultative Committee (JSSCC)*

Joint Staff-Student Consultative Committee is established to provide staff and students with an opportunity to exchange views on the content and organization of the programme and courses, and to identify areas of special interest or concern. The consultative meetings focus mainly on academic matters and collective welfare of the students. Programme leaders and Course leaders are invited to attend the meeting; student representatives are to be elected among students on an academic year basis. The committee normally meets twice a year but special meetings may be scheduled when required.

8.7 *Administrative Support from General Office*

Details of the General Office of the Department of Biomedical Sciences:

Address

1A-101, 1/F, Block 1, To Yuen Building

Office Hours

Monday - Friday	9:00 am – 5:30 pm
Lunch Break	12:30 pm – 2:00 pm
Saturday, Sunday & Public Holiday	Closed

Email & Tel

	Tel	Email
Undeclared major (First-year students)	3442-4707	bms.ug@cityu.edu.hk
BSc in Biological Sciences	3442-4438	bsc.bs@cityu.edu.hk
BSc in Biomedical Sciences	3442-4826	bsc.bms@cityu.edu.hk
General Enquiries	3442-5657	bms.go@cityu.edu.hk

Fax

3442-0549

8.8 Student Support and Wellbeing

Student Development Services

The Student Development Services enhances the growth of our students through various educational, leadership and social programmes, plus counselling services, sports activities and career advising services. You are strongly encouraged to join their programmes to enrich your university life. For details, please visit its website at <https://www.cityu.edu.hk/sds/student-life-resources>

Campus Clinics

Medical Centre

Address: 4/F, Bank of China (Hong Kong) Complex, CityU

Telephone number: 3442 6066

Services Hours:

9:00 am – 1:00 pm* and 1:30 pm - 6:00 pm
(1:00pm to 1:30pm closed for lunch with emergency services available)

** Registration for on-day consultation will be available up to 5:45 pm only, except for emergency consultation.*

Mondays to Fridays 9:00 am - 12:15 pm

Saturdays ** Registration for on-day consultation will be available up to 12:00 noon only, except for emergency consultation.*

Sundays & Public Holidays Closed

Dental Clinic

Address: 4/F, Bank of China (Hong Kong) Complex, CityU

Telephone number: 3442 6052 (by appointment)

Opening Hours:

Mondays to Fridays 9:00 am - 1:00 pm, 2:00 pm - 6:00 pm.

Saturdays 9:00 am - 12:15 pm

Sundays & Public Holidays Closed

8.9 Other Useful Links

City University of Hong Kong Campus	https://www.cityu.edu.hk/about/campus
CityU Digital Learning Support	https://www.cityu.edu.hk/dlsupport/
Run Run Shaw Library	http://www.cityu.edu.hk/lib/
CityU Student Life	https://www.cityu.edu.hk/student-life
Creating a Sexual Harassment-Free Campus (CASH)	http://www.cityu.edu.hk/cash/cityu_sexual_harassment.htm
Preventing Sexual Harassment Tutorial	https://www.cityu.edu.hk/cash/studentlan/Online_Tutorial/

9. ACADEMIC REGULATIONS AND GUIDELINES

Students should observe the regulations and guidelines as stipulated by the University at all times. It is in the students' own interests to familiarize themselves with the Academic Regulations and important dates. More information is available by referring to the following website maintained by the Academic Regulations and Records Office (ARRO).

ARRO Homepage: www.cityu.edu.hk/arro

9.1 *Academic Regulations*

The Academic Regulations are made by the University Senate to govern student progress leading to undergraduate degree awards approved by the University Senate. Regulations concerning courses and related arrangements also apply to exchange and visiting students.

Academic Regulations: https://www.cityu.edu.hk/arro/regu/regu_ugar.htm

9.2 *Academic Honesty*

Students must pursue their studies with academic honesty. Academic honesty is central to the conduct of academic work. Students are expected to present their own work, give proper acknowledgement of other's work, and honestly report findings obtained. As part of the University's efforts to educate students about academic honesty, all students are required to complete an online tutorial on academic honesty and make a declaration in their first semester of enrollment on their understanding of academic honesty.

Plagiarism is a serious offence involving "the use of somebody else's ideas, words, etc. as one's own". Examples of such acts are copying other students' work in examinations, in tests, or in tasks for coursework assignments, repetition of part or whole sentences/paragraphs/any materials from hard-copy publications or online sites for one's own use without acknowledgement of the source in one's work.

Students who commit an act of academic dishonesty which jeopardizes the integrity of the learning and assessment process may be charged with a major offence and be liable to disciplinary action.

Students are advised to refer to the section on "Rules on Academic Honesty" under "Academic Regulations & Policies for details.

https://www.cityu.edu.hk/arro/regu/regu_main.htm

For more information, please refer to the University announcements and the Office of the Provost and Deputy President websites for details: <https://www.cityu.edu.hk/ah/> and <https://www.cityu.edu.hk/pvdp/ah/uni-ah-reg.htm>

9.3 Maximum and Minimum Study Load

- In each semester, full-time students must register for courses summing to a total of at least 12 credit units, and for not more than 18 credit units; and part-time students must register for courses summing to a total of no more than 11 credit units.
- In the Summer Term, students may register for courses but the total load must not exceed 7 credit units.
- Except where special arrangements are made, students seeking an exception from the credit load limit stated above should apply in writing for approval by the Head of the home academic unit.

9.4 Duration of Study

- Students may take a leave of absence from their studies for an approved period. Periods of approved leave of absence may not be less than one full semester, and may not accumulate to more than four semesters. Applications for leave of absence should be submitted for approval by the Head of the home academic unit. Under exceptional circumstances where a student needs to take a leave of absence accumulating to more than four semesters, such a request should be approved by the Dean.
- Students shall, irrespective of their mode of study, complete all the degree requirements within the stipulated maximum period of study (i.e., eight years for normative 4-year degree, six years for Advanced Standing I, and five years for Advanced Standing II), inclusive of any change of majors, periods of leave of absence and suspension of studies. The maximum period of study for individual double degrees and for degrees with a normal study duration longer than 4 years shall be stipulated by the cognizant academic units.
- Students who cannot complete all the degree requirements for graduation within the maximum study period will be required to discontinue their studies. Requests for extension of study beyond the maximum study period will not be granted.

9.5 Withdrawal of Study

Students who wish to withdraw from studies should submit a withdrawal notification to the University. Withdrawal will normally take effect from the date of submission of the notification. However, notification submitted during or after the examination period will take effect only from the following semester/term.

9.6 Termination of Study

- The University has the right to terminate a student's study for failure to maintain satisfactory academic progress, as determined by the Examination Board, or to comply with the policies and procedures of the University.
- The Examination Board may terminate the study of a student under the following circumstances:
 - The student's SGPA is below 1.70 for any three enrolled semesters; or
 - The student's academic progress is unsatisfactory and is unable to meet the conditions stipulated by the home academic unit after being put on Academic Probation for one semester.

- Irrespective of the circumstances stated above, the Examination Board may prescribe any other criteria for terminating a student's study.
- Students' studies will also be terminated if they fail to pass a required course, or its equivalent/substitute course, after three attempts.
- For termination of studies due to academic reasons, students may apply for readmission to the University, with admission to any degree study occurring no earlier than one academic year after the termination. Upon readmission after termination of study, students may be given one additional opportunity to pass each required course they have failed in their three previous attempts.

10. ASSESSMENT

10.1 Introduction

The award of any degree qualification shall be based on a student's performance in such examinations or other tests of learning or ability which have been approved by the University for the courses constituting the degree and award concerned.

The assessment key dates and quick guide will be posted in ARRO – Examination page (https://www.cityu.edu.hk/arro/exam/exam_main.htm) for students' update information on examination schedules, guidelines, etc. You may also refer to examination timetable in AIMS [Student Record > My Examinations > Examination Timetable].

Assessment & related Regulations: https://www.cityu.edu.hk/arro/regu/regu_ugar.htm

10.2 Minimum Passing Requirement

For BSc Biological Sciences major (BIS):

- Students must satisfy a minimum of 40% in coursework and examination components for the major core courses, except BMS1901 Calculus for Life Sciences and BMS2901 Introductory Biostatistics and Data Analysis.
 - Continuous assessment: 40%; and
 - Written examination: 40%

For BSc Biomedical Sciences major (BMS):

- Students must satisfy a minimum of 40% in coursework and examination components for the major core courses, except BMS1901 Calculus for Life Sciences and BMS2901 Introductory Biostatistics and Data Analysis.
 - Continuous assessment: 40%; and
 - Written examination: 40%
- For courses including practical examination component, the minimum passing requirement is as follows:
 - Continuous assessment: 40%;
 - Written examination: 40%; and
 - Practical examination: 40%

Below are some university regulations about assessment and graduation that you should be familiar with. Please refer to ARRO websites https://www.cityu.edu.hk/arro/asmt/asmt_main.htm and https://www.cityu.edu.hk/arro/gdtn/gdtn_main.htm) for latest information as they are subject to review from time to time.

10.3 Grading of Courses

- Courses are graded according to the following schedule:

Grade	Grade Point	Grade Definitions	
A+	4.3	Excellent	The qualifiers, such as "Excellent", "Good", "Fair" etc., define student performance with respect to the achievement of course intended learning outcomes (CILOs).
A	4.0		
A-	3.7		
B+	3.3	Good	
B	3.0		
B-	2.7		
C+	2.3	Fair	
C	2.0		
C-	1.7		
D	1.0	Marginal	
F	0.0	Failure	
P (Pass-fail course only)		Pass	

[Note: A grade with an asterisk (e.g. B+*) is excluded from the calculation of GPA. The credits earned will not be counted toward the minimum credit requirement for graduation but will be counted toward the maximum number of credit units permitted.]

10.4 Students' Academic Progress and Academic Standing

- Academic standing provides an indicator of students in academic difficulty who need academic advising and extra help. Whilst academic standing is captured in the student's record, it is however not shown in official transcripts.
- The levels of academic standing are:
 - Academic Warning
 - Academic Probation
 - Academic Suspension
- An academic standing decision is made for all students at the end of Semester A and Semester B, except for students taking 3 credits or less.
- Definitions:

Standing	Definitions
Academic Warning	Students' academic performance has been unsatisfactory, or their overall academic average is below minimum requirements. Students on warning should seek advice from their academic advisor.
Academic Probation	Students' academic performance has been extremely unsatisfactory, or their overall academic average has continued to be below the minimum requirements for graduation. Students on Academic Probation may be required to take a reduced study load and to fulfil specific conditions such as an SGPA attainment of 2.00 in the following semester.
Academic Suspension	Students who cannot benefit from course registration in the next semester/term may be suspended for an approved period of not less than one semester. Academic Suspension is designed to provide students with an opportunity to resolve the problems that are preventing them from making academic progress.

Standing	Definitions
<u>Operational Standing</u>	
Review	A temporary status indicating that a student's performance is unsatisfactory and has been referred to the student's home academic unit for determining if a decision on academic standing needs to be made.

- Rules for Academic Standing Changes

From	To	SGPA		CGPA
Nil	Academic Warning	1.00 to 1.99	and	1.00 to 4.30
	Review	0 to 0.99	or	0 to 0.99
Academic Warning	Academic Warning	2.00 to 4.30	and	0 to 1.99
	Review	0 to 1.99	and	Any
Academic Probation/ Academic Suspension	Review	0 to 1.99	or	0 to 1.99

Notes:

- The above academic standing rules exclude students who have not attempted more than 3 credit units in the semester.
 - "Review" is only a temporary status. It signifies the academic unit is screening each case and an academic standing will be assigned shortly.
- In making decisions on students' academic standing, the Examination Board has the right, upon the recommendation of the students' home academic unit, to make exceptions from the above rules.
- If so required by the Examination Board, an academic standing decision may also be specially determined for a particular student at the end of the Summer Term.

Link: https://www.cityu.edu.hk/arro/asmt/stnd_main.htm

10.5 Repeating Courses to Improve Grades

Unless otherwise specified, students may repeat a course, or an equivalent course, to recover a failure or to improve a course grade of D, subject to the concerned academic unit's course offering schedule and availability. Only two repeat attempts may be permitted. Course grades for all attempts will appear on the student's academic transcript, but only the final grade earned will be included in the calculation of the student's CGPA.

10.6 *Illness or Other Circumstances Related to Assessment*

- A student who reasonably believes that his/her ability to attend an examination, or in-course assessment with a weighting of 20% or above, has been adversely affected by circumstances beyond his/her control must submit the case, with documentary evidence, to his/her home academic unit following the procedures stated on the University website, as soon as possible but no later than 5 working days of the scheduled date for completing the affected examination or assessment.
- The home academic unit of the student will investigate the case, in consultation with the course-offering academic unit. Only compelling reasons such as illness, hospitalization, accident, family bereavement or other unforeseeable serious personal or emotional circumstances will be considered. The decision of the home academic unit is final and will be conveyed to the student in writing as soon as possible but no later than 10 working days following receipt of the case.
- If the case is justified and substantiated, the decision will be conveyed to the Assessment Panel which will determine whether to offer the student a make-up examination or coursework or other alternative assessment. Where assessments for more than one course are affected, it is the responsibility of the home academic unit to inform all relevant Assessment Panels. The Assessment Panel may also adjust the grade of the student if deemed appropriate. The course-offering academic unit will convey the Assessment Panel's decision on the make-up arrangements to the student in writing as soon as possible.

Link: https://www.cityu.edu.hk/arro/asmt/mitg_main.htm

10.7 *Dean's List*

At the end of Semester A and Semester B, or for part-time students on the completion of the second of these two semesters, students' GPAs are calculated. Where a student over that period has (i) earned 12 credit units or more from courses taken at the University, (ii) achieved a GPA of 3.70 or above, (iii) not failed any course, and (iv) subject to the Dean's endorsement, the student is placed on the Dean's List.

10.8 *Application for Graduation and Requirements for Awards*

- Each academic year has three graduation dates as set by Senate. Students should file an application for graduation during their intended graduation semester/term in accordance with the procedures announced by the University. Please refer to ARRO webpage here: https://www.cityu.edu.hk/arro/gdtn/gdtn_main.htm.
- Students who have applied for graduation but do not successfully complete all their academic requirements by the end of the intended graduation semester/term must reapply for graduation.
- In order to be awarded a degree, a student shall:
 - (i) complete the graduation requirements for the degree,
 - (ii) achieve a CGPA of 2.00 or above (for students admitted from Semester A 2020/21 onwards).
- Students who have declared a second major shall fulfil the second major requirements, and achieve a minimum CGPA of 2.00 in the second major in order for them to be granted the award.

10.9 Conferment and Classification of Awards

The University grants bachelor's degree awards (EXCEPT for those admitted in the academic years specified below^{*}) with the following classifications based on the CGPAs according to the general guidelines below:

Award Classifications	CGPA
First Class Honours	3.50 or above
Upper Second Class Honours	3.00 - 3.49
Lower Second Class Honours	2.50 - 2.99
Third Class Honours	2.00 - 2.49
Pass [^]	1.70 - 1.99

[^]Applicable to students admitted in 2019/20 and before.

Please always refer to ARRO webpage for more up-to-date information:

https://www.cityu.edu.hk/arro/asmt/awrd_main.htm

APPENDIX I: Academic Calendar 2026-27

Semester A 2026/27

Week	S	M	T	W	T	F	S	Events	Public Holidays
Aug-26								Semester A 2026/27	
							1	31 Aug – 28 Nov Teaching Period	
	2	3	4	5	6	7	8		
	9	10	11	12	13	14	15		
	16	17	18	19	20	21	22		
	23	24	25	26	27	28	29		
WK 1	30	31							
Sep-26								26 Day following Mid-Autumn Festival	
			1	2	3	4	5		
WK 2	6	7	8	9	10	11	12		
WK 3	13	14	15	16	17	18	19		
WK 4	20	21	22	23	24	25	26		
WK 5	27	28	29	30					
Oct-26								2 Graduation Date 3 CityU UG Info Day (non-teaching day)	1 National Day 19 Day following Chung Yeung Festival
					1	2	3		
WK 6	4	5	6	7	8	9	10		
WK 7	11	12	13	14	15	16	17		
WK 8	18	19	20	21	22	23	24		
WK 9	25	26	27	28	29	30	31		
Nov-26								28 Last Day of Teaching 30 Nov – 5 Dec Student Revision Period	
WK 10	1	2	3	4	5	6	7		
WK 11	8	9	10	11	12	13	14		
WK 12	15	16	17	18	19	20	21		
WK 13	22	23	24	25	26	27	28		
	29	30							
Dec-26								7 - 19 Examination Period 21 Dec 2026 - 9 Jan 2027 Semester Break	25 Christmas Day 26 Day following Christmas Day
			1	2	3	4	5		
	6	7	8	9	10	11	12		
	13	14	15	16	17	18	19		
	20	21	22	23	24	25	26		
	27	28	29	30	31				

Semester B 2026/27

Week	S	M	T	W	T	F	S	Events	Public Holidays
Jan-27								Semester B 2026/27	
						1	2	11 Jan – 17 Apr Teaching Period	1 First Day of January
	3	4	5	6	7	8	9		
WK 1	10	11	12	13	14	15	16		
WK 2	17	18	19	20	21	22	23		
WK 3	24	25	26	27	28	29	30		
	31								
Feb-27								1 Graduation Date 5 – 11 Lunar New Year Break	6 – 9 Lunar New Year Holidays
WK 4		1	2	3	4	5	6		
	7	8	9	10	11	12	13		
WK 5	14	15	16	17	18	19	20		
WK 6	21	22	23	24	25	26	27		
	28								
Mar-27									26 Good Friday 27 Day following Good Friday 29 Easter Monday
WK 7		1	2	3	4	5	6		
WK 8	7	8	9	10	11	12	13		
WK 9	14	15	16	17	18	19	20		
WK 10	21	22	23	24	25	26	27		
WK 11	28	29	30	31					
Apr-27								17 Last Day of Teaching 19 – 24 Student Revision Period 26 Apr – 10 May Examination Period	5 Ching Ming Festival
					1	2	3		
WK 12	4	5	6	7	8	9	10		
WK 13	11	12	13	14	15	16	17		
	18	19	20	21	22	23	24		
	25	26	27	28	29	30			
May-27								11 May – 5 Jun Semester Break	1 Labour Day 13 Buddha's Birthday
							1		
	2	3	4	5	6	7	8		
	9	10	11	12	13	14	15		
	16	17	18	19	20	21	22		
	23	24	25	26	27	28	29		
	30	31							

Summer Term 2027

Week	S	M	T	W	T	F	S	Events	Public Holidays
Jun-27								Summer Term 2027	9 Tuen Ng Festival
			1	2	3	4	5	1 Graduation Date	
WK 1	6	7	8	9	10	11	12	7 Jun - 24 Jul Teaching Period	
WK 2	13	14	15	16	17	18	19		
WK 3	20	21	22	23	24	25	26		
WK 4	27	28	29	30					
Jul-27								24 Last Day of Teaching 26 – 31 Jul Student Revision Period	1 HK SAR Establishment Day
					1	2	3		
WK 5	4	5	6	7	8	9	10		
WK 6	11	12	13	14	15	16	17		
WK 7	18	19	20	21	22	23	24		
	25	26	27	28	29	30	31		
Aug-27								2 - 7 Examination Period 9 – 28 Term Break	
	1	2	3	4	5	6	7		
	8	9	10	11	12	13	14		
	15	16	17	18	19	20	21		
	22	23	24	25	26	27	28		
	29	30	31						

