

BSc in Biological Sciences
Recommended Study Plan For Advanced Standing I (ASI)
For Students Admitted from Semester A 2026/27

Year 2 (2026/27)			
Semester A	CU	Semester B	CU
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 A	CU	Semester B	CU
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		16
Year 4 (2028/29)			
Semester A	CU	Semester B	CU
BMS3205 Omics, Genome Editing and Advanced Techniques for Biomedical Research	2	BMS3204 Molecular Biology	3
BMS4206 Final Year Project in Biomedical Research OR BMS4304 Industrial Attachment: Biotechnology and Health Sciences	(IP) 4	BMS4206 Final Year Project in Biomedical Research OR BMS4304 Industrial Attachment: Biotechnology and Health Sciences	4
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

Degree Requirements	Advanced Standing I
Gateway Education requirement	22 credit units
College/School requirement	Not Applicable
Major requirement	69 credit units (Core: 57 Elective: 12)
Free electives / Minor (if applicable)	0 credit units
Minimum number of credit units required for the award	91 credit units