

BSc in Biological Sciences
Recommended Study Plan For Advanced Standing I (ASI)
For Students Admitted from Semester A 2024/25

Version as of
12 Mar 2025

Year 2 (2024/25)			
Semester A	CUs	Semester B	CUs
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		
<i>Total</i>	17	<i>Total</i>	15
Year 3 (2025/26)			
Semester A	CUs	Semester B	CUs
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*/	3
		GE Distributional Requirements § /	
		Major Elective	
<i>Total</i>	16		16
Year 4 (2026/27)			
Semester A	CUs	Semester B	CUs
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*/	7	GE College/School-specified courses*/	6
GE Distributional Requirements § /		GE Distributional Requirements § /	
Major Elective		Major Elective	
<i>Total</i>	13	<i>Total</i>	13
Minimum number of credit units required: 90			

- (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.

<p>▲ Gateway Education – University Requirements (9 Credit Units) – Students are recommended to register in these courses in their first year of study or as soon as possible.</p> <p>* Gateway Education – College/School-specified courses (6 Credit Units): Any courses NOT within the Major Requirement (including core courses and electives)</p> <p>§ Gateway Education – Distributional Requirements (6 Credit Units) from two different areas:</p> <p>Area 1: Arts and Humanities</p> <p>Area 2: Study of Societies, Social and Business Organizations</p> <p>Area 3: Science and Technology</p> <p>"In Progress" for a year-long course</p>

Degree Requirements	Advanced Standing I
Gateway Education requirement	21 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	90 credit units