

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

<b>Year 2 (2024/25)</b>			
<b>Semester A</b>	<b>CUs</b>	<b>Semester B</b>	<b>CUs</b>
BMS1901 Calculus for Life Sciences	3	BMS2004 Biochemistry	3
BMS2202 Diversity of Life & Evolution	3	BMS2206 Cell Biology	3
BMS2005 Human Physiology	3	BMS2901 Introductory Biostatistics and Data Analysis	3
BMS2204 Diversity of Life and Microbiology Laboratory	2	GE1501 Chinese Civilization – History and Philosophy <sup>▲</sup>	3
GE1401 University of English <sup>▲</sup>	3	GE2401 English for Science <sup>▲</sup>	3
CHEM2013 Microbiology	3		
<i>Total</i>	17	<i>Total</i>	15
<b>Year 3 (2025/26)</b>			
<b>Semester A</b>	<b>CUs</b>	<b>Semester B</b>	<b>CUs</b>
BMS4303 Neuroscience	3	BMS2205 Essential Techniques in Biomedical Sciences	4
CHEM3068 General Ecology	4	BMS3301 Bioinformatics	3
BMS3203A Genetics	3	BMS4008 Clinical Immunology	3
BMS4007 Pharmacology and Toxicology	3	BMS4301 Cancer Biology	3
GE College/School-specified courses* /		BMS4102 Technology for Regenerative Medicine	3
GE Distributional Requirements $\phi$ /	3		
Major Elective			
<i>Total</i>	16		16
<b>Year 4 (2026/27)</b>			
<b>Semester A</b>	<b>CUs</b>	<b>Semester B</b>	<b>CUs</b>
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
BMS3205 Omics, Genome Editing and Advanced Techniques for Biomedical Research	2	BMS3204 Molecular Biology	3
GE College/School-specified courses* /		GE College/School-specified courses* /	
GE Distributional Requirements $\phi$ /	7	GE Distributional Requirements $\phi$ /	6
Major Elective		Major Elective	
<i>Total</i>	13	<i>Total</i>	13
<b>Minimum number of credit units required: 90</b>			

- (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 (9 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](#)

IP "In Progress" for a year-long course

<b>Degree Requirements</b>	<b>Advanced Standing I</b>
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
<b>Minimum number of credit units required for the award</b>	<b>90 credit units</b>