

BSc in Biological Sciences
Recommended Study Plan For Normative 4-year Degree
For Students Admitted from Semester A 2021/22

Version as of
9 Feb 2023

Year 1 (2021/22)			
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 of English [▲]	3	GE1501 Chinese Civilization – History and Philosophy [▲]	3
GE Distributional Requirements § /	3	GE Distributional Requirements § /	3
Major Elective /		Major Elective /	
Free Elective		Free Elective	
<i>Total</i>	15	<i>Total</i>	15
Year 2 (2022/23)			
Semester A	CUs	Semester B	CUs
BMS2202 Diversity of Life & Evolution	3	BMS2201 Molecular Biology of the Cell	3
BMS2204 Diversity of Life and Microbiology Laboratory	2	BMS2203 Lab Course for Cell Biology & Biochemistry	2
CHEM2013 Microbiology	3	BMS2901 Introductory Biostatistics and Data Analysis	3
CHEM2071 Biological Chemistry	4	GE Distributional Requirements § /	6
GE Distributional Requirements § /	3	Major Elective /	
Major Elective /		Free Elective	
Free Elective			
<i>Total</i>	15	<i>Total</i>	14
Year 3 (2023/24)			
Semester A	CUs	Semester B	CUs
BMS4303 Neuroscience	3	BMS3202 Animal Physiology	4
BMS3203A Genetics	3	BMS3301 Bioinformatics	3
CHEM3068 General Ecology	4	BMS4008 Clinical Immunology	3
GE Distributional Requirements § /	6	BMS4301 Cancer Biology	3
Major Elective /		BMS3204 Molecular Biology	3
Free Elective			
<i>Total</i>	16	<i>Total</i>	16
Year 4 (2024/25)			
Semester A	CUs	Semester B	CUs
BMS4206 Final Year Project in Biomedical Research	(IP) 4	BMS4206 Final Year Project in Biomedical Research	4
GE Distributional Requirements § /	11	GE Distributional Requirements § /	10
Major Elective /		Major Elective /	
Free Elective		Free Elective	
<i>Total</i>	15	<i>Total</i>	14
Minimum number of credit units required: 120			

(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.

<p># 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.</p> <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 (9 Credit Units)</p> <p>§ Gateway Education – Distributional Requirements (12 Credit Units) minimum 3 credit units from each area:</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>IP "In Progress" for a year-long course</p>	Degree Requirements	Normative 4-year Degree
	Gateway Education requirement	30 credit units
	College/School requirement	Not Applicable
	Major requirement	72 credit units (Core: 60 Elective: 12)
	Free electives / Minor (if applicable)	18 credit units
	Minimum number of credit units required for the award	120 credit units