

BSc in Biological Sciences
Recommended Study Plan For Normative 4-year Degree
For Students Admitted from Semester A 2018/19

Revised on
26 July 2018

Year 1					
Semester A	CU	Semester B	CU		
BCH1100 Chemistry*	3	PHY1400 Introductory Physics for Biologists*	3		
BCH1200 Discovery in Biology*#	3	BMS2005 Human Physiology	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		
<i>Total</i>	15	<i>Total</i>	15		
Year 2					
Semester A	CU	Semester B	CU		
BCH2013 Microbiology	3	BMS2004 Biochemistry	3		
BCH2067 Diversity of Life & Evolution	3	BMS2201 Molecular Biology of the Cell	3		
BCH2070 Diversity of Life and Microbiology Laboratory	2	BCH2072 Lab Course for Cell Biology & Biochemistry	2		
BCH2071 Biological Chemistry	4	BMS2901 Introductory Biostatistics and Data Analysis	3		
GE Distributional Requirements ‡	3	GE Distributional Requirements ‡	3		
<i>Total</i>	15	<i>Total</i>	14		
Year 3					
Semester A	CU	Semester B	CU		
BCH3012 Genetics	4	BCH3017 Molecular Biology	4		
BCH3068 General Ecology	4	BCH3069 Animal Physiology	4		
BMS4303 Neuroscience	3	BMS3301 Bioinformatics	3		
Major Elective/Free Elective	3	BMS4301 Cancer Biology	3		
		Major Elective/Free Elective	3		
<i>Total</i>	14	<i>Total</i>	17		
Year 4					
Semester A	CU	Semester B	CU		
BMS4206 Final Year Project	(IP) 4	BMS4206 Final Year Project	4		
Major Elective/Free Elective	12	Major Elective/Free Elective	10		
<i>Total</i>	16	<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.

Students who intend to choose the BSI major are advised to take BCH1200 in the first year which is a prerequisite for core courses schedule in Year 2 Semester A.

▲ Gateway Education – University Requirements (9 Credit Units)

* 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

Note: The curriculum information is subject to periodic review and changes.