

**BSc in Biological Sciences**  
**Recommended Study Plan For Normative 4-year Degree**  
**For Students Admitted from Semester A 2017/18**

Revised on  
26 July 2018

Year 1			Semester B		
Semester A	CU		Semester B	CU	
AP1201 General Physics I ◇/	3		AP1201 General Physics I ◇/	3	
BCH1100 Chemistry ◇/			BCH1100 Chemistry ◇/		
BCH1200 Discovery in Biology ◇#			BCH1200 Discovery in Biology ◇#		
GE1401 University of English ▲	3		GE2401 English for Science ▲	3	
MA1200 Calculus and Basic Linear Algebra I */	3		MA1201 Calculus and Basic Linear Algebra II */	3	
MA1300 Enhanced Calculus and Linear Algebra I *			MA1301 Enhanced Calculus and Linear Algebra II *		
CS1102 Introduction to Computer Studies */	3		GE1501 Chinese Civilization – History and	3	
CS1302 Introduction to Computer Programming *			Philosophy ▲		
GE Distributional Requirements §	3		GE Distributional Requirements §	3	
<i>Total</i>	15		<i>Total</i>	15	
Year 2			Semester B		
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	2		BCH2072 Lab Course for Cell Biology &	2	
Laboratory			Biochemistry		
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 B		
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 B		
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	
<b>Minimum number of credit units required: 120</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.

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

◇ College Requirements (6 Credit Units)

▲ 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.*