Recommended Pattern of Study for Programs offered by Division of Life Science For students admitted in 2016/17 (Last updated: 30 May 2018)

r 1 Fall	BISC Recommended pa	athway		Note	Cr.
	LIFS 1901	General Biology I note1		R+S ^{note 2}	3
/17	LIFS 1903	Laboratory for General Biology I ^{note1}		R+S ^{note 2}	1
	CHEM 1010 OR CHEM 1020	General Chemistry IA OR General Chemistry IB		R+S ^{note 2}	3
	CHEM 1050	Laboratory for General Chemistry I		R+S ^{note 2}	1
	MATH 1013	Calculus I		S note2	3
	HLTH 1010	Healthy Lifestyle		nc*-3	0
	SCIE 1000	Science School Induction		S note2	0
	University Core	Common core courses		CC -	6
	Elective course to be offered	1000 level: LIFS 1030	Torres I	E	
			Term Load:	note 2	17
1 Spring	LIFS 1902	General Biology II		R+S ^{note 2}	3
/17	LIFS 1904	Laboratory for General Biology II		R+S ^{note 2}	1
	CHEM 1030	General Chemistry II		R+S ^{note 2}	3
	HLTH 1010	Healthy Lifestyle			0
	SCIE 1000	Science School Induction		S note2	0
	University Core	Common core courses		CC+ S	6
	,		Term Load:	note2	13
			Term Loudi		
2 Fall	LIFS 2210	Biochemistry I		R+S ^{note 2}	3
/18	LIFS 2060	Biodiversity		R	3
	PHYS 1001	Physics and The Modern society		CC+ S	3
	University Core	Common core courses		CC -	6
	Elective course to be offered	2000-Level: LIFS 2010/2070/2720(Lab)/2820	.	E	
20	LUTE 2040	0.1101.1.	Term Load:	_	15
2 Spring	LIFS 2040	Cell Biology		R	3
7/18	LIFS 2220	Biochemistry II		R	3
	LIFS 2240	Cell Biology Laboratory		R	3
	1155 2080	Plant Piology			,
	LIFS 2080	Plant Biology		R	3
	University Core	Common core courses		СС	9
					3
	Elective course to be offered	LIFS 2011/2240(Lab with 2040)/LIFS 2280(Lab of 2080)/BIPH 2010		E	
			Term Load:		15
	COMP 1001 OR 1021 OR 1022P or	MultimediaInternet Comp/Intro to Computer Science/Intro to Comp w		s note2	
3 Fall	1022Q or 2011	Intro to Comp with Excel VBA/Intro to Oject-oriented programming		Silotez	3
/19	LANG 2010	Eng for Sci I		S note2	3
	LIFS 3160	Ecology		R	3
	1	I .			
	University Core	Common core courses		сс	6
				сс	6
	Flective course to be offered	3000-level: LIFS 3002/3010/3110(Lab)/3210(with Lab		CC E	6
	Flective course to be offered			E	
	Elective course to be offered	3000-level: LIFS 3002/3010/3110(Lab)/3210(with Lab 3110)/3130/3140/3330(Lab of 3130)/ENVS 3001/BIPH3010	Term Load:	E	6 15
3 Spring	Flective course to be offered	3000-level: LIFS 3002/3010/3110(Lab)/3210(with Lab	Term Load:	E	
	Elective course to be offered LIFS 3040	3000-level: LIFS 3002/3010/3110(Lab)/3210(with Lab 3110)/3130/3140/3330(Lab of 3130)/ENVS 3001/BIPH3010 Animal Physiology		E R	15 3
	Elective course to be offered	3000-level: LIFS 3002/3010/3110(Lab)/3210(with Lab 3110)/3130/3140/3330(Lab of 3130)/ENVS 3001/BIPH3010		E	
	Elective course to be offered LIFS 3040 LIFS 3060	3000-level: LIFS 3002/3010/3110(Lab)/3210(with Lab 3110)/3130/3140/3330(Lab of 3130)/ENVS 3001/BIPH3010 Animal Physiology Microbiology		E R	15 3
	Elective course to be offered LIFS 3040	3000-level: LIFS 3002/3010/3110(Lab)/3210(with Lab 3110)/3130/3140/3330(Lab of 3130)/ENVS 3001/BIPH3010 Animal Physiology		E R	15 3
	Elective course to be offered LIFS 3040 LIFS 3060	3000-level: LIFS 3002/3010/3110(Lab)/3210(with Lab 3110)/3130/3140/3330(Lab of 3130)/ENVS 3001/BIPH3010 Animal Physiology Microbiology		E R	15 3
	LIFS 3040 LIFS 3060 LANG 3014 LIFS 3220 or LIFS 3260	3000-level: LIFS 3002/3010/3110(Lab)/3210(with Lab 3110)/3130/3140/3330(Lab of 3130)/ENVS 3001/BIPH3010 Animal Physiology Microbiology Laboratory Report Writing for Life Science Students Animal Physiology Laboratory OR Microbiology Laboratory		R R	15 3 3 4 3
	Elective course to be offered LIFS 3040 LIFS 3060 LANG 3014	3000-level: LIFS 3002/3010/3110(Lab)/3210(with Lab 3110)/3130/3140/3330(Lab of 3130)/ENVS 3001/BIPH3010 Animal Physiology Microbiology Laboratory Report Writing for Life Science Students		E R	15 3 3
	LIFS 3040 LIFS 3060 LANG 3014 LIFS 3220 or LIFS 3260 University Core	3000-level: LIFS 3002/3010/3110(Lab)/3210(with Lab 3110)/3130/3140/3330(Lab of 3130)/ENVS 3001/BIPH3010 Animal Physiology Microbiology Laboratory Report Writing for Life Science Students Animal Physiology Laboratory OR Microbiology Laboratory Common core courses		R R R CC	15 3 3 4 3 3
	LIFS 3040 LIFS 3060 LANG 3014 LIFS 3220 or LIFS 3260	3000-level: LIFS 3002/3010/3110(Lab)/3210(with Lab 3110)/3130/3140/3330(Lab of 3130)/ENVS 3001/BIPH3010 Animal Physiology Microbiology Laboratory Report Writing for Life Science Students Animal Physiology Laboratory OR Microbiology Laboratory		R R	15 3 3 4 3
	LIFS 3040 LIFS 3060 LANG 3014 LIFS 3220 or LIFS 3260 University Core Elective course to be offered	3000-level: LIFS 3002/3010/3110(Lab)/3210(with Lab 3110)/3130/3140/3330(Lab of 3130)/ENVS 3001/BIPH3010 Animal Physiology Microbiology Laboratory Report Writing for Life Science Students Animal Physiology Laboratory OR Microbiology Laboratory Common core courses 3000-level :LIFS 3020/3070/3150/3220(Lab of 3040)/3260		R R R CC	15 3 3 4 3 3 3
19 1 Fall	LIFS 3040 LIFS 3040 LIFS 3060 LANG 3014 LIFS 3220 or LIFS 3260 University Core Elective course to be offered	3000-level: LIFS 3002/3010/3110(Lab)/3210(with Lab 3110)/3130/3140/3330(Lab of 3130)/ENVS 3001/BIPH3010 Animal Physiology Microbiology Laboratory Report Writing for Life Science Students Animal Physiology Laboratory OR Microbiology Laboratory Common core courses 3000-level :LIFS 3020/3070/3150/3220(Lab of 3040)/3260 BISC Capstone courses	Term Load:	R R CCC E	15 3 3 4 3 3 3 16 3
19 Fall	LIFS 3040 LIFS 3060 LANG 3014 LIFS 3220 or LIFS 3260 University Core Elective course to be offered	3000-level: LIFS 3002/3010/3110(Lab)/3210(with Lab 3110)/3130/3140/3330(Lab of 3130)/ENVS 3001/BIPH3010 Animal Physiology Microbiology Laboratory Report Writing for Life Science Students Animal Physiology Laboratory OR Microbiology Laboratory Common core courses 3000-level :LIFS 3020/3070/3150/3220(Lab of 3040)/3260	Term Load:	R R CCC	15 3 3 4 3 3 3
19 I Fall	LIFS 3040 LIFS 3040 LIFS 3060 LANG 3014 LIFS 3220 or LIFS 3260 University Core Elective course to be offered	3000-level: LIFS 3002/3010/3110(Lab)/3210(with Lab 3110)/3130/3140/3330(Lab of 3130)/ENVS 3001/BIPH3010 Animal Physiology Microbiology Laboratory Report Writing for Life Science Students Animal Physiology Laboratory OR Microbiology Laboratory Common core courses 3000-level :LIFS 3020/3070/3150/3220(Lab of 3040)/3260 BISC Capstone courses	Term Load:	R R CCC E	15 3 3 4 3 3 3 16 3
19 Fall	LIFS 3040 LIFS 3040 LIFS 3060 LANG 3014 LIFS 3220 or LIFS 3260 University Core Elective course to be offered	3000-level: LIFS 3002/3010/3110(Lab)/3210(with Lab 3110)/3130/3140/3330(Lab of 3130)/ENVS 3001/BIPH3010 Animal Physiology Microbiology Laboratory Report Writing for Life Science Students Animal Physiology Laboratory OR Microbiology Laboratory Common core courses 3000-level :LIFS 3020/3070/3150/3220(Lab of 3040)/3260 BISC Capstone courses	Term Load:	R R CCC E	15 3 3 4 3 3 3 16 3
/19 4 Fall	LIFS 3040 LIFS 3040 LIFS 3060 LANG 3014 LIFS 3220 or LIFS 3260 University Core Elective course to be offered LIFS 4960 OR LIFS 4970 LANG 4014	3000-level: LIFS 3002/3010/3110(Lab)/3210(with Lab 3110)/3130/3140/3330(Lab of 3130)/ENVS 3001/BIPH3010 Animal Physiology Microbiology Laboratory Report Writing for Life Science Students Animal Physiology Laboratory OR Microbiology Laboratory Common core courses 3000-level: LIFS 3020/3070/3150/3220(Lab of 3040)/3260 BISC Capstone courses English for Life Science Capstone and Final Year Projects	Term Load:	R R CCC E	15 3 3 4 3 3 3 16 3
/19 4 Fall	LIFS 3040 LIFS 3040 LIFS 3060 LANG 3014 LIFS 3220 or LIFS 3260 University Core Elective course to be offered	3000-level: LIFS 3002/3010/3110(Lab)/3210(with Lab 3110)/3130/3140/3330(Lab of 3130)/ENVS 3001/BIPH3010 Animal Physiology Microbiology Laboratory Report Writing for Life Science Students Animal Physiology Laboratory OR Microbiology Laboratory Common core courses 3000-level :LIFS 3020/3070/3150/3220(Lab of 3040)/3260 BISC Capstone courses	Term Load:	R R CCC E	15 3 3 4 3 3 3 16 3
/19 4 Fall	LIFS 3040 LIFS 3040 LIFS 3060 LANG 3014 LIFS 3220 or LIFS 3260 University Core Elective course to be offered LIFS 4960 OR LIFS 4970 LANG 4014 University Core	3000-level: LIFS 3002/3010/3110(Lab)/3210(with Lab 3110)/3130/3140/3330(Lab of 3130)/ENVS 3001/BIPH3010 Animal Physiology Microbiology Laboratory Report Writing for Life Science Students Animal Physiology Laboratory OR Microbiology Laboratory Common core courses 3000-level :LIFS 3020/3070/3150/3220(Lab of 3040)/3260 BISC Capstone courses English for Life Science Capstone and Final Year Projects Common core courses	Term Load:	R R CC E	15 3 3 4 3 3 3 16 3
/19 4 Fall	LIFS 3040 LIFS 3040 LIFS 3060 LANG 3014 LIFS 3220 or LIFS 3260 University Core Elective course to be offered LIFS 4960 OR LIFS 4970 LANG 4014	3000-level: LIFS 3002/3010/3110(Lab)/3210(with Lab 3110)/3130/3140/3330(Lab of 3130)/ENVS 3001/BIPH3010 Animal Physiology Microbiology Laboratory Report Writing for Life Science Students Animal Physiology Laboratory OR Microbiology Laboratory Common core courses 3000-level: LIFS 3020/3070/3150/3220(Lab of 3040)/3260 BISC Capstone courses English for Life Science Capstone and Final Year Projects	Term Load:	R R CCC E	15 3 3 4 3 3 3 16 3
/19 4 Fall	LIFS 3040 LIFS 3040 LIFS 3060 LANG 3014 LIFS 3220 or LIFS 3260 University Core Elective course to be offered LIFS 4960 OR LIFS 4970 LANG 4014 University Core	3000-level: LIFS 3002/3010/3110(Lab)/3210(with Lab 3110)/3130/3140/3330(Lab of 3130)/ENVS 3001/BIPH3010 Animal Physiology Microbiology Laboratory Report Writing for Life Science Students Animal Physiology Laboratory OR Microbiology Laboratory Common core courses 3000-level :LIFS 3020/3070/3150/3220(Lab of 3040)/3260 BISC Capstone courses English for Life Science Capstone and Final Year Projects Common core courses	Term Load:	R R CC E	15 3 3 4 3 3 3 16 3
3 Spring /19 4 Fall /20	LIFS 3040 LIFS 3040 LIFS 3060 LANG 3014 LIFS 3220 or LIFS 3260 University Core Elective course to be offered LIFS 4960 OR LIFS 4970 LANG 4014 University Core Elective course to be offered	3000-level: LIFS 3002/3010/3110(Lab)/3210(with Lab 3110)/3130/3140/3330(Lab of 3130)/ENVS 3001/BIPH3010 Animal Physiology Microbiology Laboratory Report Writing for Life Science Students Animal Physiology Laboratory OR Microbiology Laboratory Common core courses 3000-level :LIFS 3020/3070/3150/3220(Lab of 3040)/3260 BISC Capstone courses English for Life Science Capstone and Final Year Projects Common core courses 4000 level:4150/4760/ENVS 4001	Term Load:	R R CC E	15 3 3 4 3 3 3 16 3
/19 4 Fall	LIFS 3040 LIFS 3040 LIFS 3060 LANG 3014 LIFS 3220 or LIFS 3260 University Core Elective course to be offered LIFS 4960 OR LIFS 4970 LANG 4014 University Core	3000-level: LIFS 3002/3010/3110(Lab)/3210(with Lab 3110)/3130/3140/3330(Lab of 3130)/ENVS 3001/BIPH3010 Animal Physiology Microbiology Laboratory Report Writing for Life Science Students Animal Physiology Laboratory OR Microbiology Laboratory Common core courses 3000-level :LIFS 3020/3070/3150/3220(Lab of 3040)/3260 BISC Capstone courses English for Life Science Capstone and Final Year Projects Common core courses	Term Load:	R R CC E	15333333333333333333333333333333333333
4 Fall (20	LIFS 3040 LIFS 3040 LIFS 3060 LANG 3014 LIFS 3220 or LIFS 3260 University Core Elective course to be offered LIFS 4960 OR LIFS 4970 LANG 4014 University Core Elective course to be offered	3000-level: LIFS 3002/3010/3110(Lab)/3210(with Lab 3110)/3130/3140/3330(Lab of 3130)/ENVS 3001/BIPH3010 Animal Physiology Microbiology Laboratory Report Writing for Life Science Students Animal Physiology Laboratory OR Microbiology Laboratory Common core courses 3000-level :LIFS 3020/3070/3150/3220(Lab of 3040)/3260 BISC Capstone courses English for Life Science Capstone and Final Year Projects Common core courses 4000 level:4150/4760/ENVS 4001	Term Load:	R R CC E	153 33 33 33 31 166 33 [2]
4 Fall (20	LIFS 3040 LIFS 3040 LIFS 3060 LANG 3014 LIFS 3220 or LIFS 3260 University Core Elective course to be offered LIFS 4960 OR LIFS 4970 LANG 4014 University Core Elective course to be offered	3000-level: LIFS 3002/3010/3110(Lab)/3210(with Lab 3110)/3130/3140/3330(Lab of 3130)/ENVS 3001/BIPH3010 Animal Physiology Microbiology Laboratory Report Writing for Life Science Students Animal Physiology Laboratory OR Microbiology Laboratory Common core courses 3000-level :LIFS 3020/3070/3150/3220(Lab of 3040)/3260 BISC Capstone courses English for Life Science Capstone and Final Year Projects Common core courses 4000 level: 4150/4760/ENVS 4001	Term Load:	R R CC E R CC E	155 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 9 9 [0/3/4]
4 Fall (20	LIFS 3040 LIFS 3040 LIFS 3060 LANG 3014 LIFS 3220 or LIFS 3260 University Core Elective course to be offered LIFS 4960 OR LIFS 4970 LANG 4014 University Core Elective course to be offered	3000-level: LIFS 3002/3010/3110(Lab)/3210(with Lab 3110)/3130/3140/3330(Lab of 3130)/ENVS 3001/BIPH3010 Animal Physiology Microbiology Laboratory Report Writing for Life Science Students Animal Physiology Laboratory OR Microbiology Laboratory Common core courses 3000-level :LIFS 3020/3070/3150/3220(Lab of 3040)/3260 BISC Capstone courses English for Life Science Capstone and Final Year Projects Common core courses 4000 level: 4150/4760/ENVS 4001	Term Load:	R R CC E R CC E	155 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 9 9 [0/3/4]
/19 4 Fall /20	LIFS 3040 LIFS 3040 LIFS 3060 LANG 3014 LIFS 3220 or LIFS 3260 University Core Elective course to be offered LIFS 4960 OR LIFS 4970 LANG 4014 University Core Elective course to be offered	3000-level: LIFS 3002/3010/3110(Lab)/3210(with Lab 3110)/3130/3140/3330(Lab of 3130)/ENVS 3001/BIPH3010 Animal Physiology Microbiology Laboratory Report Writing for Life Science Students Animal Physiology Laboratory OR Microbiology Laboratory Common core courses 3000-level :LIFS 3020/3070/3150/3220(Lab of 3040)/3260 BISC Capstone courses English for Life Science Capstone and Final Year Projects Common core courses 4000 level:4150/4760/ENVS 4001 BISC Capstone courses English for Life Science Capstone and Final Year Projects Common core courses English for Life Science Capstone and Final Year Projects	Term Load:	R R CC E R R	155 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 9 9 [0/3/4]
Fall 20	LIFS 3040 LIFS 3040 LIFS 3060 LANG 3014 LIFS 3220 or LIFS 3260 University Core Elective course to be offered LIFS 4960 OR LIFS 4970 LANG 4014 University Core Elective course to be offered LIFS 4960 OR LIFS 4980 LANG 4014 University Core	3000-level: LIFS 3002/3010/3110(Lab)/3210(with Lab 3110)/3130/3140/3330(Lab of 3130)/ENVS 3001/BIPH3010 Animal Physiology Microbiology Laboratory Report Writing for Life Science Students Animal Physiology Laboratory OR Microbiology Laboratory Common core courses 3000-level: LIFS 3020/3070/3150/3220(Lab of 3040)/3260 BISC Capstone courses English for Life Science Capstone and Final Year Projects Common core courses 4000 level: 4150/4760/ENVS 4001 BISC Capstone courses English for Life Science Capstone and Final Year Projects	Term Load:	R R CC E R R	155 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 9 9 [0/3/4]

BCB Recommended		Note	
LIFS 1901	General Biology I note1	R+S ^{note 2}	
LIFS 1903	Laboratory for General Biology I ^{note1}	R+S ^{note 2}	
CHEM 1010 OR CHEM 1020	General Chemistry IA OR General Chemistry IB	R+S ^{note 2}	
CHEM 1050	Laboratory for General Chemistry I	R+S ^{note 2}	
PHYS 1001	Physics and The Modern society	S note2	
HLTH 1010	Healthy Lifestyle	ľ	
SCIE 1000	Science School Induction	S note2	
	Common core courses	CC	
University Core		E	
Elective course to be offered	1000 level: LIFS 1030 Term Load		
LIFS 1902	General Biology II	R+S ^{note 2}	
LIFS 1904	Laboratory for General Biology II	R+S ^{note 2}	
CHEM 1030	General Chemistry II	R+S ^{note 2}	
CHEM 1055	Laboratory for General Chemistry II	R+S ^{note 2}	
MATH 1013		S note2	
	Calculus I	5	
HLTH 1010	Healthy Lifestyle		
SCIE 1000	Science School Induction	S note2	
Jniversity Core	Common core courses	cc	
	Term Load		
	Term zoda		
LIFS 2010	Modern Approaches to Biochemical and Cell Biological Research	R	
LIF3 2010	Wodern Approaches to Diochemical and Cell Diological Research	l"	
UEC 2210	Disabassistas I	l.	
LIFS 2210	Biochemistry I	R	
ANG 3014	Laboratory Report Writing for Life Science Students	R	
	L	L	Ì
LIFS 2720	Biochemistry Laboratory	R	
			1
JFS 2820	Biochemical Laboratory Techniques	R	
CHEM 2110(Fall) OR CHEM	Note: CHEM 2110 OR CHEM 2311	D	1
2311(Spring)	Organic Chemistry I OR Analytical Chemistry	R	
University Core	Common core courses	СС	
Elective course to be offered	2000-level: LIFS 2060/2070	E	
	Term Load		
JFS 2220	Biochemistry II	R	
		R	
LIFS 2040	Cell Biology		
LIFS 2240	Cell Biology Laboratory	R	
	Note: CHEM 2155 OR CHEM 2355		
CHEM 2155 OR CHEM 2355	Fundamental Organic Chemistry Laboratory	R	
	Fundamental Analytical Chemistry Laboratory		
CHEM 2110(Fall) OR CHEM	Note: CHEM 2110 OR CHEM 2311	R	
2311(Spring)	Organic Chemistry I OR Analytical Chemistry	n.	
University Core	Common core courses	cc	
Elective course to be offered	LIFS 2080/LIFS 3060/BIPH 2010	E	
	Term Load		
COMP 1001 OR 1021 OR 1022P	MultimediaInternet Comp/Intro to Computer Science/Intro to Comp with Java/	S note2	
or 1022Q or 2011	Intro to Comp with Excel VBA/Intro to Oject-oriented programming	S	
LANG 2010	English for Science I	S note2	
LIFS 3010	Molecular and Cellular Biology I	R	
LIFS 3140	General Genetics	R	
LIFS 3140	General Genetics	K	
University Core	Common core courses	CC	
Elective course to be offered	3000-level: LIFS 3002/LIFS 3110/BIPH3010/LIFS3210	E	
	Term Load		
LIFS 3020	Molecular and Cellular Biology II	R	
University Core	Common core courses	СС	
Elective course to be offered	3000-level :LIFS 3040/3060/LIFS 3070/3240/3510/3520	E	
	Term Load		
LIFS 4961 OR LIFS 4971	BCB Capstone courses	R	
ANG 4014	English for Life Science Capstone and Final Year Projects	R	
University Core	Common core courses	СС	
Elective course to be offered	4000-level:4090/4370/4760*/4950/BIPH 4010	E	
	Term Load	•	
LIFS 4961 OR LIFS 4981 OR SCIE	BCB Capstone courses	R	
4500	ses exposorie courses	I,	
LANG 4014	English for Life Science Capstone and Final Year Projects	R	
	·		1
	Common core courses	СС	
University Core			
University Core			
University Core		_	
University Core Elective course to be offered	4000-level:LIFS 4060/4140/4190/4540/4580/4620/4800/BIPH 4010	E	
		E	

LIFS 1903	athway	Note	
LIFS 1903	General Biology I note1	R+S ^{note 2}	3
	Laboratory for General Biology I ^{note1}	R+S ^{note 2}	1
	General Chemistry IA OR General Chemistry IB	R+S ^{note 2}	3
	Laboratory for General Chemistry I	R+S ^{note 2}	1
	Calculus I	S note2	3
HLTH 1010	Healthy Lifestyle		0
	Science School Induction	S note2	0
	Common core courses	cc	6
	1000 level: LIFS 1030	E	0
	Term Load:		17
LIFS 1902	General Biology II	R+S ^{note 2}	3
	Laboratory for General Biology II	R+S ^{note 2}	1
		R+S ^{note 2}	
	General Chemistry II		3
CHEM 1055	Laboratory for General Chemistry II	R+S ^{note 2}	1
HLTH 1010	Healthy Lifestyle		0
	Science School Induction	S note2	0
	Common core courses	cc	6
Oniversity core		cc	
	Term Load:		14
LUES 2240	et de esta e i	_	2
LIFS 2210	Biochemistry I	R	3
1150 2070	total attack protection	_	2
	Introduction to Biotechnology	R S ^{note2}	3
PHYS 1001	Physics and The Modern society	5	3
COMP 1001 OR 1021 OR 1022P or	MultimediaInternet Comp/Intro to Computer Science/Intro to Comp with Java/	S note2	2
1022Q or 2011	Intro to Comp with Excel VBA/Intro to Oject-oriented programming	5	3
	6	66	
	Common core courses	CC	3
Elective course to be offered	2000-level: LIFS 2010/2060/LIFS 2720(Lab)/LIFS 2820	E	0
	Term Load:		15
	Cell Biology	R	3
LIFS 2080	Plant Biology	R	3
LIFS 3060	Microbiology	R	3
Hairrasita Cara	Common core courses	cc	
,		CC	6
	LIFS 2240(Lab with 2040)/ 2280(Lab of 2080)/LIFS 3260(Lab of LIFS 3060)/BIPH	E	3
	2010		
	Term Load:		18
	Note: CHEM 2110 OR CHEM 2311	R	3
	Organic Chemistry I OR Analytical Chemistry		
LANG 2010	English for Science I	S	3
LIFS 3110	Biotechnological Application of Recombinant DNA Techniques	R	3
LIFS 3140	General Genetics	R	4
LANG 3014	Laboratory Report Writing for Life Science Students	R	1
	Common core courses	cc	3
	Biotechnology and Its Business Opportunities		3
	LIEC 2010 /4C20 /47C0* /DIDLI2010	R	
Elective course to be offered			0
Elective course to be offered	LIFS 3010/4630/4760*/BIPH3010	E	0
Elective course to be offered	Term Load:		0 20
Elective course to be offered			
	Term Load:		
	Term Load: Note: CHEM 2155 OR CHEM 2355	E	20
CHEM 2155 OR CHEM 2355	Term Load: Note: CHEM 2155 OR CHEM 2355 Fundamental Organic Chemistry Laboratory		
CHEM 2155 OR CHEM 2355	Term Load: Note: CHEM 2155 OR CHEM 2355	E	20
CHEM 2155 OR CHEM 2355	Term Load: Note: CHEM 2155 OR CHEM 2355 Fundamental Organic Chemistry Laboratory Fundamental Analytical Chemistry Laboratory	E	20
CHEM 2155 OR CHEM 2355 CHEM 2110(Fall) OR CHEM	Term Load: Note: CHEM 2155 OR CHEM 2355 Fundamental Organic Chemistry Laboratory Fundamental Analytical Chemistry Laboratory Note: CHEM 2110 OR CHEM 2311	E	20
CHEM 2155 OR CHEM 2355 CHEM 2110(Fall) OR CHEM 2311(Sping)	Term Load: Note: CHEM 2155 OR CHEM 2355 Fundamental Organic Chemistry Laboratory Fundamental Analytical Chemistry Laboratory Note: CHEM 2110 OR CHEM 2311 Organic Chemistry I OR Analytical Chemistry	R R	1 [3]
CHEM 2155 OR CHEM 2355 CHEM 2110(Fall) OR CHEM 2311(Sping)	Term Load: Note: CHEM 2155 OR CHEM 2355 Fundamental Organic Chemistry Laboratory Fundamental Analytical Chemistry Laboratory Note: CHEM 2110 OR CHEM 2311	R	20
CHEM 2155 OR CHEM 2355 CHEM 2110(Fall) OR CHEM 2311(Sping) University Core	Term Load: Note: CHEM 2155 OR CHEM 2355 Fundamental Organic Chemistry Laboratory Fundamental Analytical Chemistry Laboratory Note: CHEM 2110 OR CHEM 2311 Organic Chemistry I OR Analytical Chemistry	R R	1 [3]
CHEM 2155 OR CHEM 2355 CHEM 2110(Fall) OR CHEM 2311(Sping) University Core	Term Load: Note: CHEM 2155 OR CHEM 2355 Fundamental Organic Chemistry Laboratory Fundamental Analytical Chemistry Laboratory Note: CHEM 2110 OR CHEM 2311 Organic Chemistry 1 OR Analytical Chemistry Common core courses 3000-level:LIFS 3002A/3020/3040/3150/3220	R R	1 [3] 6 6
CHEM 2155 OR CHEM 2355 CHEM 2110(Fall) OR CHEM 2311(Sping) University Core Elective course to be offered	Note: CHEM 2155 OR CHEM 2355 Fundamental Organic Chemistry Laboratory Fundamental Analytical Chemistry Laboratory Note: CHEM 2110 OR CHEM 2311 Organic Chemistry I OR Analytical Chemistry Common core courses 3000-level:LIFS 3002A/3020/3040/3150/3220 Term Load:	R R CC	1 [3] 6 6
CHEM 2155 OR CHEM 2355 CHEM 2110(Fall) OR CHEM 2311(Sping) University Core Elective course to be offered LIFS 4963 OR LIFS 4973	Note: CHEM 2155 OR CHEM 2355 Fundamental Organic Chemistry Laboratory Fundamental Analytical Chemistry Laboratory Note: CHEM 2110 OR CHEM 2311 Organic Chemistry I OR Analytical Chemistry Common core courses 3000-level:LIFS 3002A/3020/3040/3150/3220 Term Load: BIOT Capstone courses	R CC	20 1 [3] 6 6 13 [3]
CHEM 2155 OR CHEM 2355 CHEM 2110(Fall) OR CHEM 2311(Sping) University Core Elective course to be offered LIFS 4963 OR LIFS 4973	Note: CHEM 2155 OR CHEM 2355 Fundamental Organic Chemistry Laboratory Fundamental Analytical Chemistry Laboratory Note: CHEM 2110 OR CHEM 2311 Organic Chemistry I OR Analytical Chemistry Common core courses 3000-level:LIFS 3002A/3020/3040/3150/3220 Term Load:	R R CC	1 [3] 6 6
CHEM 2155 OR CHEM 2355 CHEM 2110(Fall) OR CHEM 2311(sping) University Core Elective course to be offered LIFS 4963 OR LIFS 4973 LANG 4014	Note: CHEM 2155 OR CHEM 2355 Fundamental Organic Chemistry Laboratory Fundamental Analytical Chemistry Laboratory Note: CHEM 2110 OR CHEM 2311 Organic Chemistry I OR Analytical Chemistry Common core courses 3000-level:LIFS 3002A/3020/3040/3150/3220 Term Load: BIOT Capstone courses	R CC	1 [3] 6 6 13 [3] [3] [2]
CHEM 2155 OR CHEM 2355 CHEM 2110(Fall) OR CHEM 2311(Sping) University Core Elective course to be offered LIFS 4963 OR LIFS 4973 LANG 4014 LIFS 4150	Note: CHEM 2155 OR CHEM 2355 Fundamental Organic Chemistry Laboratory Fundamental Analytical Chemistry Laboratory Note: CHEM 2110 OR CHEM 2311 Organic Chemistry I OR Analytical Chemistry Common core courses 3000-level:LIFS 3002A/3020/3040/3150/3220 Term Load: BIOT Capstone courses English for Life Science Capstone and Final Year Projects	R CCC	1 [3] 6 6 6 13 [3] [2] 3
CHEM 2155 OR CHEM 2355 CHEM 2110(Fall) OR CHEM 2311(Sping) University Core Elective course to be offered LIFS 4963 OR LIFS 4973 LANG 4014 LIFS 4150 LIFS 4200	Note: CHEM 2155 OR CHEM 2355 Fundamental Organic Chemistry Laboratory Fundamental Analytical Chemistry Laboratory Note: CHEM 2110 OR CHEM 2311 Organic Chemistry 1 OR Analytical Chemistry Common core courses 3000-level:LIFS 3002A/3020/3040/3150/3220 Term Load: BIOT Capstone courses English for Life Science Capstone and Final Year Projects Plant Biotechnology	R R CCC	20 1 [3] 6 6 13 [3]
CHEM 2155 OR CHEM 2355 CHEM 2110(Fall) OR CHEM 2311(Sping) University Core Elective course to be offered LIFS 4963 OR LIFS 4973 LANG 4014 LIFS 4150 LIFS 4200 CENG 1600	Note: CHEM 2155 OR CHEM 2355 Fundamental Organic Chemistry Laboratory Fundamental Analytical Chemistry Laboratory Note: CHEM 2110 OR CHEM 2311 Organic Chemistry I OR Analytical Chemistry Common core courses 3000-level:LIFS 3002A/3020/3040/3150/3220 Term Load: BIOT Capstone courses English for Life Science Capstone and Final Year Projects Plant Biotechnology Concepts and Issues in Contemporary Biotechnology Biotechnology and Its Business Opportunities	R CCC	1 [3] 6 6 6 13 [3] [2] 3 3 3 3 3
CHEM 2155 OR CHEM 2355 CHEM 2110(Fall) OR CHEM 2311(Sping) University Core Elective course to be offered LIFS 4963 OR LIFS 4973 LANG 4014 LIFS 4150 LIFS 4200 CENG 1600 University Core	Note: CHEM 2155 OR CHEM 2355 Fundamental Organic Chemistry Laboratory Fundamental Analytical Chemistry Laboratory Note: CHEM 2110 OR CHEM 2311 Organic Chemistry I OR Analytical Chemistry Common core courses 3000-level:LIFS 3002A/3020/3040/3150/3220 Term Load: BIOT Capstone courses English for Life Science Capstone and Final Year Projects Plant Biotechnology Concepts and Issues in Contemporary Biotechnology Biotechnology and Its Business Opportunities Common core courses	R CCC	20 1 (3) 6 6 13 (3) (2) 3 3 3 3 3 3 3
CHEM 2155 OR CHEM 2355 CHEM 2110(Fall) OR CHEM 2311(Sping) University Core Elective course to be offered LIFS 4963 OR LIFS 4973 LANG 4014 LIFS 4150 LIFS 4200 CENG 1600 University Core	Note: CHEM 2155 OR CHEM 2355 Fundamental Organic Chemistry Laboratory Fundamental Analytical Chemistry Laboratory Note: CHEM 2110 OR CHEM 2311 Organic Chemistry I OR Analytical Chemistry Common core courses 3000-level:LIFS 3002A/3020/3040/3150/3220 Term Load: BIOT Capstone courses English for Life Science Capstone and Final Year Projects Plant Biotechnology Concepts and Issues in Contemporary Biotechnology Biotechnology and Its Business Opportunities	R CCC	1 [3] 6 6 6 13 [3] [2] 3 3 3 [3]
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CHEM 2155 OR CHEM 2355 CHEM 2110(Fall) OR CHEM 2311(Sping) University Core Elective course to be offered LIFS 4963 OR LIFS 4973 LANG 4014 LIFS 4150 LIFS 4200 CENG 1600 University Core Elective course to be offered	Note: CHEM 2155 OR CHEM 2355 Fundamental Organic Chemistry Laboratory Fundamental Analytical Chemistry Laboratory Note: CHEM 2110 OR CHEM 2311 Organic Chemistry I OR Analytical Chemistry Common core courses 3000-level:LIFS 3002A/3020/3040/3150/3220 Term Load: BIOT Capstone courses English for Life Science Capstone and Final Year Projects Plant Biotechnology Concepts and Issues in Contemporary Biotechnology Biotechnology and Its Business Opportunities Common core courses	R CCC	20 1 (3) 6 6 13 (3) (2) 3 3 3 3 3 3 3
CHEM 2155 OR CHEM 2355 CHEM 2110(Fall) OR CHEM 2311(Sping) University Core Elective course to be offered LIFS 4963 OR LIFS 4973 LANG 4014 LIFS 4150 LIFS 4200 CENG 1600 University Core Elective course to be offered	Note: CHEM 2155 OR CHEM 2355 Fundamental Organic Chemistry Laboratory Fundamental Analytical Chemistry Laboratory Note: CHEM 2110 OR CHEM 2311 Organic Chemistry 1 OR Analytical Chemistry Common core courses 3000-level:LIFS 3002A/3020/3040/3150/3220 Term Load: BIOT Capstone courses BIOT Capstone courses English for Life Science Capstone and Final Year Projects Plant Biotechnology Concepts and Issues in Contemporary Biotechnology Biotechnology and Its Business Opportunities Common core courses 4000-level:4370/4630/4760*/4820(Only Year 4 sudents)	R CCC	20 1 3 6 6 13 3 3 3 3 3 3 3 3 3 3 1 2 2 3 3 3 3 3
CHEM 2155 OR CHEM 2355 CHEM 2110(Fall) OR CHEM 2311(Sping) University Core Elective course to be offered LIFS 4963 OR LIFS 4973 LANG 4014 LIFS 4150 LIFS 4200 CENG 1600 University Core Elective course to be offered	Note: CHEM 2155 OR CHEM 2355 Fundamental Organic Chemistry Laboratory Fundamental Analytical Chemistry Laboratory Note: CHEM 2110 OR CHEM 2311 Organic Chemistry 1 OR Analytical Chemistry Common core courses 3000-level:LIFS 3002A/3020/3040/3150/3220 Term Load: BIOT Capstone courses English for Life Science Capstone and Final Year Projects Plant Biotechnology Concepts and Issues in Contemporary Biotechnology Biotechnology and Its Business Opportunities Common core courses 4000-level:4370/4630/4760*/4820(Only Year 4 sudents) Term Load: BIOT Capstone courses	R CCC R R R R R R R R R R R R R R R R R	20 1 3] 6 6 13 3] [2] 3 3 3 3 3 3 12 3 3 3 3 3 3 3 3 3 3 3 3
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CHEM 2155 OR CHEM 2355 CHEM 2110(Fall) OR CHEM 2311(Sping) University Core Elective course to be offered LIFS 4963 OR LIFS 4973 LANG 4014 LIFS 4150 LIFS 4200 CENG 1600 University Core Elective course to be offered LIFS 4963 OR LIFS 4983 OR SCIE 4500 LANG 4014	Note: CHEM 2155 OR CHEM 2355 Fundamental Organic Chemistry Laboratory Fundamental Analytical Chemistry Laboratory Note: CHEM 2110 OR CHEM 2311 Organic Chemistry 1 OR Analytical Chemistry Common core courses 3000-level:LIFS 3002A/3020/3040/3150/3220 Term Load: BIOT Capstone courses English for Life Science Capstone and Final Year Projects Plant Biotechnology Concepts and Issues in Contemporary Biotechnology Biotechnology and Its Business Opportunities Common core courses 4000-level:4370/4630/4760*/4820(Only Year 4 sudents) Term Load: BIOT Capstone courses	R CCC R R R R R R R R R R R R R R R R R	20 1 [3] 6 6 13 [2] 3 3 3 3 3 3 3 2 3 3 3 3 3 3 3 3 3 3 3
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CHEM 2155 OR CHEM 2355 CHEM 2110(Fall) OR CHEM 2311(Sping) University Core Elective course to be offered LIFS 4963 OR LIFS 4973 LANG 4014 LIFS 4150 LIFS 4200 CENG 1600 University Core Elective course to be offered LIFS 4963 OR LIFS 4983 OR SCIE 4500 LANG 4014 University Core	Note: CHEM 2155 OR CHEM 2355 Fundamental Organic Chemistry Laboratory Fundamental Analytical Chemistry Laboratory Note: CHEM 2110 OR CHEM 2311 Organic Chemistry 1 OR Analytical Chemistry Common core courses 3000-level:LIFS 3002A/3020/3040/3150/3220 Term Load: BIOT Capstone courses English for Life Science Capstone and Final Year Projects Plant Biotechnology Concepts and Issues in Contemporary Biotechnology Biotechnology and Its Business Opportunities Common core courses 4000-level:4370/4630/4760*/4820(Only Year 4 sudents) Term Load: BIOT Capstone courses English for Life Science Capstone and Final Year Projects Common core courses	R CCC R R R R R R R R CCC E CCC	20 1 3] 6 6 13 3] [2] 3 3 3 3 3 12 3 3 3 3 3 3 3 3 3 3 3 3 3
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CHEM 2155 OR CHEM 2355 CHEM 2110(Fall) OR CHEM 2311(Sping) University Core Elective course to be offered LIFS 4963 OR LIFS 4973 LANG 4014 LIFS 4150 LIFS 4200 CENG 1600 University Core Elective course to be offered LIFS 4963 OR LIFS 4983 OR SCIE 4500 LANG 4014 University Core	Note: CHEM 2155 OR CHEM 2355 Fundamental Organic Chemistry Laboratory Fundamental Analytical Chemistry Laboratory Note: CHEM 2110 OR CHEM 2311 Organic Chemistry 1 OR Analytical Chemistry Common core courses 3000-level:LIFS 3002A/3020/3040/3150/3220 Term Load: BIOT Capstone courses English for Life Science Capstone and Final Year Projects Plant Biotechnology Concepts and Issues in Contemporary Biotechnology Biotechnology and Its Business Opportunities Common core courses 4000-level:4370/4630/4760*/4820(Only Year 4 sudents) Term Load: BIOT Capstone courses English for Life Science Capstone and Final Year Projects Common core courses	R R CCC E R R R CCC E E	20 1 3 6 6 13 3 3 3 3 3 3 3 3 3 3 3 3 2 2 3 3 3 3

Note:

"E"- major elective course
"CC"- Common core requirement (36 credits)

Note

Please refer to the explanatory note (separate doc - attachment)

Table was made according to the official pathway: http://publish.ust.hk/prog_crs/ugprog/pathways.html

Recommended pathway are for reference only and it may subject to change from semester to semester. Students are strongly advised to refer to the Program Catalog for the School requirement or Course Catalog to understand the most updated and detailed requirements. For other cohorts, please refer to the UG Curriculum Handbook.