

RECOMMENDED STUDY PLAN

2017-2018

NAME _____

DEGREE PROGRAM BSc

MAJOR Molecular and Cell Biology (MCB)– TSV only

Level 1

SP1	SP2
Degree Core: SC1101	Degree Opt Core SC1102* <u>OR</u> SC1109-ADV BSc <i>*SC1102 requires Maths B from high school or MA1020.</i>
Major Core: BM1000-Intro to Biochemistry & Microbiology	Major Core: BS1001/BZ1001-Intro to Biological Processes
Degree Opt Core Breadth-List 3: MA1000- <i>recommended</i>	Degree Opt Core Breadth-List 3: MA1003- <i>recommended</i>
Elective/Minor:	Elective/Minor:

Note-SC1109 is compulsory in the Advanced BSc Program and should be taken instead of SC1102 if you are considering that pathway.

Level 2:

SP1	SP2
Degree Opt Core Skill: SC2202 <u>OR</u> SC2209-ADV BSc <i>(or BZ2001 for SC2202 before 2018)</i>	Degree Opt Core Skill-List 7:
Major Core: BC2013-Principles of Biochemistry	Major Core: BC2023-Molecular Genetics
Elective/Minor (or BSc Opt Skill Core-List 7):	Major Core: BC2024-Cell Biology
Elective/Minor:	Elective/Minor:

Level 3:

SP1	SP2
Degree Core: SC3008-Professional Placement (can be done in any SP)	
Degree Core: SC3010-Wicked Problems in Science-SP TBA. <i>SC3010 will not be available until 2019, you may replace this subject with any level 3 Science subject until 2019.</i>	
Major Core: BC3101-Genes, Genomes & Development	Major: BC3201-Bioengineering
Major Core: BC3102-Molecular Basis of Disease	Elective/Minor:
Elective/Minor:	Elective/Minor:

List of Breadth Subjects Available to this Discipline: <u>List 3</u>	
SP1	SP2
CP1404-Programming 1-available in SP1 and SP2	
BS1007-Intro to Biodiversity-TSV <u>OR</u> BZ1006-Diversity of Life-CNS	EA1110-Evolution of the Earth
EV1005-Environ Processes & Global Change	MA1003-Mathematical Techniques
MA1000-Mathematical Foundations	PH1007-Advanced Stream Physics 2
PH1005-Advanced Stream Physics 1	CH1002-Chemistry: Principles & Applications

List BSc Opt Skill Subjects Available to this Discipline: <u>List 7</u>	
SP1	SP2
PH2222:03 Sensors and Sensing for Scientists-SP 6	
CP2404-Database Modelling	EV2502-GIS
	MA2201-Numerical Mathematics
	CH2103-Analytical Chemistry