

# RECOMMENDED STUDY PLAN

2017

NAME \_\_\_\_\_

DEGREE PROGRAM BSc

MAJOR Molecular and Cell Biology – TSV only (MCB)

## Level 1

SP1	SP2
<b>BSc Core:</b> SC1101	<b>BSc Core:</b> SC1102 or SC1109-ADV BSc
<b>Major Core:</b> BM1000-Intro to Biochemistry & Microbiology	<b>Major Core:</b> BS1001-Intro to Biol Process
<b>BSc Core-Breadth List 3:</b> <i>MA1000-recommended</i>	<b>BSc Core-Breadth List 3:</b> <i>MA1003-recommended</i>
<b>Elective/Minor:</b>	<b>Elective/Minor:</b>

## Level 2:

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

\*SC2202 was not core to this major until 2017 so until 2018, CH2\*\*\* may be used as advanced standing on this line, however, another skill subject from the Optional Skill List must be taken.

## Level 3:

SP1	SP2
<b>BSc Core:</b> SC3008-Professional Placement (can be done in any SP)	
<b>BSc Core:</b> SC3010-Wicked Problems in Science-SP TBA	
<b>Major Core:</b> BC3101-Genes, Genomes & Development	<b>Major:</b> BC3201-Bioengineering
<b>Major Core:</b> BC3102-Molecular Basis of Disease	<b>Elective/Minor:</b>
<b>Elective/Minor:</b>	<b>Elective/Minor:</b>

<b>List of Breadth Subjects Available to this Discipline: <u>List 3</u></b>	
<b>SP1</b>	<b>SP2</b>
CP1404-Programming 1-available in SP1 and SP2	
BS1007-Intro to Biodiversity TSV <b>OR</b> 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

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