

RECOMMENDED STUDY PLAN

2017

NAME _____

DEGREE PROGRAM BSc MAJOR Mathematics – TSV only after 1st Year (MTM)

Level 1

SP1	SP2
BSc Core: SC1101	BSc Core: SC1102 or SC1109-ADV BSc
Major Core: MA1000 (or MA1008 + MA1009*)	Major Core: MA1003
BSc Core-Breadth List 5:	BSc Core-Breadth List 5:
Elective/Minor:	Elective/Minor:

- Will need to have your study plan amended if you choose the MA1008 and MA1009 pathway but this is not a problem.

Level 2:

SP1	SP2
BSc Core Skill: SC2202 or SC2209-ADV BSc (or BZ2001 for SC2202 before 2018)*	BSc Opt Skill Core-List 9:
Major Core: MA2000-Math for Scientists	Major Core: MA2100-Methods & Equations
Elective/Minor:	Major Core: MA2201-Numerical Mathematics
Elective/Minor:	Elective/Minor:

*SC2202 was not core to this major until 2017 so until 2018, MA2*** 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
BSc Core: SC3008-Professional Placement (can be done in any SP)	
BSc Core: SC3010-Wicked Problems in Science-SP TBA	
Major Core: MA3109-Applied Complex Var Theory	Major Core: MA3201-Numerical Methods
Major Core: MA3605-Operations Research & Modelling	Elective/Minor:
Elective/Minor:	Elective/Minor:

List of Breadth Subjects Available to this Discipline: <u>List 5</u>	
SP1	SP2
CP1404-Programming 1-available in SP1 and SP2	
BS1007-Intro to Biodiversity (TSV) OR BZ1006-Diversity of Life (CNS)	BS1001-Intro Biol Processes (TSV) OR BZ1005-Intro Ecology (CNS)
CH1011- Chemistry CNS OR CH1001 TSV	CH1002-Chemistry: Principles & Applications (TSV only)
EV1005-Environ Processes & Global Change	EA1110-Evolution of the Earth
PH1005-Advanced Stream Physics 1	PH1007-Advanced Stream Physics 2 (TSV only)

List BSc Opt Skill Subjects Available to this Discipline: <u>List 9</u>	
SP1	SP2
PH2222:03 Sensors and Sensing for Scientists-SP TBA	
CP2404-Database Modelling	EV2502-GIS
	CH2103-Analytical Chemistry