

RECOMMENDED STUDY PLAN

2017-2018

NAME _____

DEGREE PROGRAM BSc

MAJOR Mathematics (MTM) – TSV after 1st Year

SP1

SP2

Degree Core: SC1101	Degree Opt Core SC1102* OR SC1109-ADV BSc <i>*SC1102 requires Maths B from high school or MA1020.</i>
Major Opt Core: MA1000 (OR MA1008-TSV-SP1 AND MA1009-TSV-SP2)+	Major Core: MA1003
Degree Opt Core Breadth-List 5:	Degree Opt Core Breadth-List 5:
Elective/Minor: CH1020-CNS-is required for some subjects like CH1001/CH1011, if you are missing chemistry or equivalent from high school.	Elective/Minor: CH1020-TSV-is required for some subjects like CH1001/CH1011 if you are missing chemistry or equivalent from high school.

+ Note-You will need to have your study plan amended if you choose the MA1008 and MA1009 pathway but this is not a problem. The Student Centre can easily do this for you.

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

SP1

SP2

Degree Opt Core Skill: SC2202 OR SC2209-ADV BSc <i>(or BZ2001 for SC2202 before 2018)⁺</i>	Degree Opt Core Skill-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, a MA level 2 subject may be used as advanced standing on this line, however, you must still choose another BSc Optional skill subject.

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: 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	
BM1000-Introductory Biochemistry and Microbiology	BS1001-Intro Biol Processes-TSV OR BZ1005-Intro Ecology-CNS
BS1007-Intro to Biodiversity-TSV OR BZ1006-Diversity of Life-CNS	CH1002-Chemistry: Principles & Applications-TSV only
CH1011- Chemistry-CNS OR CH1001-TSV	EA1110-Evolution of the Earth
EV1005-Environ Processes & Global Change	PH1007-Advanced Stream Physics 2-TSV only
PH1005-Advanced Stream Physics 1	

List BSc Opt Skill Subjects Available to this Discipline: <u>List 9</u>	
SP1	SP2
PH2222:03 Sensors and Sensing for Scientists-SP6	
CP2404-Database Modelling	EV2502-GIS
	CH2103-Analytical Chemistry