

RECOMMENDED STUDY PLAN

2017

NAME _____

DEGREE PROGRAM BSc – Mid-Year Entry

MAJOR Chemistry (CHY)-TSV only after CH1001

Level 1

SP7-June/July

MA1020-Can be taken before the start of the semester in block mode if you are missing Math B or equivalent from high school

SP2

BSc Core: SC1102* or SC1109-ADV BSc
*This subject requires Maths B from high school or MA1020. If you are missing this and did not take MA1020 in SP7 then you will need to wait to take SC1102 until SP2 next year
BSc Core-Breadth List 4:
Elective/Minor:
Elective/Minor: CH1020-if needed from the Preparatory Science Minor

Level 1 and 2:

SP1

SP2

BSc Core: SC1101	BSc Opt Skill Core-List 8:
BSc Core-Breadth List 4:	Major Core: CH1002-Chemistry: Principles & Applications
Major Core: CH1001-Chemistry: A Central Science-TSV OR CH1011-CNS	Major Core: CH2103-Analytical Chemistry
Elective/Minor: MA1020-if needed from the Preparatory Science Minor	Elective/Minor:

Level 3:

SP1

SP2

BSc Core Skill: SC2202 or SC2209-ADV BSc	BSc Core: SC3010-Wicked Problems in Science-SP TBA **
Major Core: CH2210-Synthesis & Mechanism in Inorganic Chemistry <i>(Replaces CH2101-Synth & Strut in study plans)</i>	Major Core: CH2310-Synthesis & Mechanism in Organic Chemistry <i>(Replaces CH2102-Chem Spec in study plans)</i>
Elective/Minor:	Major Core: Level 3 CH core-SP TBD
Elective/Minor:	Elective/Minor:

SP1

BSc Core: SC3008-Professional Placement (can be done in any SP) **
Major Core: Level 3 CH core-SP TBD
Major Core: Level 3 CH core-SP TBD
Elective/Minor:

** SC3010 (SP TBA) and SC3008 (any SP) can be swapped if SC3010 in SP1.

List of Breadth Subjects Available to this Discipline: <u>List 4</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)
EV1005-Environ Processes & Global Change	EA1110-Evolution of the Earth
PH1005-Advanced Stream Physics 1	PH1007-Advanced Stream Physics 2
MA1000-Mathematical Foundations	MA1003-Mathematical Techniques
BM1000-Intro to Biochemistry & Micro	

List BSc Opt Skill Subjects Available to this Discipline: <u>List 8</u>	
SP1	SP2
PH2222:03 Sensors and Sensing for Scientists-SP TBA	
CP2404-Database Modelling	EV2502-GIS
	MA2201-Numerical Mathematics