

RECOMMENDED STUDY PLAN

2017-2018

NAME _____

DEGREE PROGRAM BSc Mid-Year Entry MAJOR Chemistry (CHY)-TSV only after 1st Sem

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

Degree Opt Core SC1102* **OR** SC1109-ADV BSc
*SC1102 requires Maths B from high school or MA1020.

Degree Opt Core Breadth-List 4:

Elective/Minor: CH1020-TSV if needed from the Preparatory Science 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 1 and 2:

SP1

SP2

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

Level 2 and 3:

SP1

SP2

Degree Opt Core Skill: SC2202 OR SC2209-ADV BSc (or BZ2001 for SC2202 before 2018)	Degree Core: SC3008-Professional Placement (can be done in any SP)
Major Core: CH2210 - Syntheses and Mechanism in Inorganic Chemistry	Major Core: CH2310-Syntheses and Mechanism in Organic Chemistry
Elective/Minor:	Major Core: CH3210 Applications of Inorganic Chemistry
Elective/Minor:	Elective/Minor:

Level 3:**SP1**

Degree Core: SC3010-Sensors and Sensing for Scientists-SP TBA**
Major Core: CH3110 Special Topics in Analytical Chemistry
Major Core: CH3310 Special Topics in Organic Chemistry
Elective/Minor:

**SC3010 is not available until 2019, you may replace this subject with any level 3 Science subject until 2019.

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

List BSc Opt Skill Subjects Available to this Discipline: <u>List 8</u>	
SP1	SP2
PH2222:03 Sensors and Sensing for Scientists-SP 6	
CP2404-Database Modelling	EV2502-GIS
	MA2201-Numerical Mathematics