

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

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|--|--|
| 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 <u>OR</u> 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

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| Degree Opt Core Skill: SC2202 <u>OR</u> SC2209-ADV BSc <i>(or BZ2001 for SC2202 before 2018)</i> | Degree Core: SC3008-Professional Placement <i>(can be done in any SP)</i> |
| 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**

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| 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 |