

LIFE SCIENCES UNDERGRADUATE PROGRAMME: MAJOR IN LIFE SCIENCES

Schedule for Completion of BSc (Hons) in Life Sciences with Second Major in Chemistry – Matriculation Cohort AY2016/2017

Typical Study Plan for students reading Life Sciences as Primary Major and Chemistry as Second Major. Numbers in [] indicates Modular Credits (MCs).

Semester	Life Sciences Major Modules	Other Graduation Requirements
YEAR 1 1 st Semester (Sem 1) & 2 nd Semester (Sem 2)	To be pre-allocated in either semester Group 1: <input type="checkbox"/> LSM1102 Molecular Genetics [4] <input type="checkbox"/> LSM1106 Molecular Cell Biology [4] OR Group 2: <input type="checkbox"/> LSM1105 Evolutionary Biology [4] <input type="checkbox"/> ST1232 Statistics for Life Sciences [4] CM1121 completed for Second Major in Chemistry can be recognised in lieu of CM1401 and double-counted for the fulfillment of Life Science and Chemistry Majors.	<input type="checkbox"/> GER1000 – Quantitative Reasoning [4] (to be pre-allocated) <input type="checkbox"/> GEH1XXX – Human Culture [4] (to bid) _____ <input type="checkbox"/> GES1XXX – Singapore Studies [4] (to bid) _____ <input type="checkbox"/> GET1XXX – Thinking and Expression [4] (to bid) _____ Faculty Requirements (to bid): <input type="checkbox"/> SP1541 Exploring Science Communication through Popular Science (if precluded please read 1 module from Physical OR Computing OR Multidisciplinary Sciences subject group) [4] _____
YEAR 2 3 rd Semester (Sem 1) & 4 th Semester (Sem 2)	To be pre-allocated in either semester: <input type="checkbox"/> LSM2191 Laboratory Techniques in Life Sciences [4] <input type="checkbox"/> Bid/Pass 3 LSM22XX (except LSM2288/9) [3x4=12]	<input type="checkbox"/> GEQ1xxx – Asking Questions [4] _____ Second Major in Chemistry Completion of Chemistry Second Major also fulfills: - CM1401 for Life Sciences Major - 1 LSM32XX – LSM-recognised module - 4 th module of Faculty Requirements - 36 MCs or typically 9 modules for Unrestricted Elective Modules (UEMs)
YEAR 3 5 th Semester (Sem 1) & 6 th Semester (Sem 2)	<input type="checkbox"/> Bid/Pass 4 LSM32XX (except LSM3289), one of which may be a LSM-recognised elective module (up to 4 MCs) [4x4=16] _____ _____ The following CM32XX are accepted as LSM-recognised elective modules, and double-counted for the fulfillment of Life Sciences and Chemistry Majors: - CM3221 Organic Synthesis - CM3222 Organic Reaction Mechanisms - CM3225 Biomolecules - CM3251 Nanochemistry - CM3261 Environmental Chemistry	Pass all CM11XX: <input type="checkbox"/> CM1111 Inorganic Chemistry 1 [4] <input type="checkbox"/> CM1121 Organic Chemistry 1 [4] <input type="checkbox"/> CM1131 Physical Chemistry 1 [4] <input type="checkbox"/> CM1191 Experiments in Chemistry 1 [4] Pass all three: <input type="checkbox"/> CM2101 Physical Chemistry 2 [4] <input type="checkbox"/> CM2111 Inorganic Chemistry 2 [4] <input type="checkbox"/> CM2121 Organic Chemistry 2 [4] Pass one: <input type="checkbox"/> CM2191 OR CM2192 Pass one: <input type="checkbox"/> CM3291 OR CM3292 Pass three CM32XX (except CM3289): <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
YEAR 4 7 th Semester (Sem 1) & 8 th Semester (Sem 2)	<input type="checkbox"/> Pass 3 MCs of LSM4XXX	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ Unrestricted Elective Modules (UEMs) (to bid): - 12 MCs or typically 3 modules <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ Typical workload for one semester is 20MCs. Students are advised to bid for modules on top of the major modules secured to fulfill other graduation requirements.

Note: The number of MCs earned from Level 1000 modules for graduation requirements is capped at 60 (typically 15 modules).