## Schedule for Completion of B.Sc. (Hons.) in Life Sciences
(With Specialisation in Biomedical Science/Molecular and Cell Biology/Environmental Biology)
Matriculation Cohorts AY 2013/2014

**Typical Study Plan** for Life Sciences Major students. Numbers in [ ] indicates Modular Credits (MCs).

<table>
<thead>
<tr>
<th>Year</th>
<th>Life Sciences Major Core Modules (To be allocated)</th>
<th>Life Sciences Major Elective Modules (To bid for)</th>
<th>Other Graduation Requirements (To bid for)</th>
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</table>
| **YEAR 1** | To be allocated in Semester 1:  
☐ CM1401 Chemistry for Life Sciences [4]  
☐ LSM1101 Biochemistry of Biomolecules [4]  
☐ LSM1102 Molecular Genetics [4]  
To be allocated in a semester either Group A1:  
☐ LSM1103 Biodiversity [4]  
☐ LSM1104 General Physiology [4]  
OR Group A2:  
☐ LSM1103 Biodiversity [4]  
☐ LSM1104 General Physiology [4]  | Optional to read:  
☐ LSM1202 Human Anatomy [4]  
(Note: If pass, MCs earned will fulfill UE)  
☐ PC1421 Physics for Life Sciences [4]  
(Note: If pass, MCs earned will fulfill Faculty Requirements or UE) | University Level Requirements [20]:  
☐ 2 General Education Modules (GEMS)  
- 1 from Group A or Group B  
- 1 from Group B  
☐ 1 Singapore Studies Modules (SS)  
☐ 2 Breadth Modules  
☐ 1 module from Physical Sciences OR Computing Sciences OR Multidisciplinary & Interdisciplinary Sciences subject group [4]  
☐ 1 module from any subject group except LSM-prefixed modules [4]  
☐ Unrestricted Elective Modules (UE):  
☐ 36 MCs or typically 9 modules  |
| **YEAR 2** | ☐ LSM2101 Metabolism and Regulation [4]  
☐ LSM2102 Molecular Biology [4]  
☐ LSM2103 Cell Biology [4]  
☐ LSM2191 Laboratory Techniques in Life Sciences [4]  
☐ ST1232 Statistics for Life Sciences [4]  | ☐ One of the following (in Semester 1 or Semester 2):  
☐ LSM2241 Introductory Bioinformatics [4]  
☐ LSM2251 Ecology and Environment [4]  
☐ LSM2291 Fundamental Techniques in Microbiology [4]  |  |
| **YEAR 3** | ☐ LSM4199 Honours Project in Life Sciences (project to be listed in area of chosen specialisation) [16; 8 per semester]  | ☐ LSM42XX, out of which at least 2 have to be from chosen specialisation [Biomedical Science, Molecular and Cell Biology or Environmental Biology]. [4x4=16]  |  |
| **YEAR 4** | ☐ LSM42XX, out of which at least 2 have to be from chosen specialisation [Biomedical Science, Molecular and Cell Biology or Environmental Biology]. [4x4=16]  | Specialisation:  |  |

*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.