

**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).

	<b>Life Sciences Major Core Modules (To be allocated)</b>	<b>Life Sciences Major Elective Modules (To bid for)</b>	<b>Other Graduation Requirements (To bid for)</b>
<b>YEAR 1</b>	To be allocated in Semester 1: <input type="checkbox"/> CM1401 Chemistry for Life Sciences [4]  To be allocated in a semester either Group A1: <input type="checkbox"/> LSM1101 Biochemistry of Biomolecules [4] <input type="checkbox"/> LSM1102 Molecular Genetics [4]  OR Group A2: <input type="checkbox"/> LSM1103 Biodiversity [4] <input type="checkbox"/> 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)	<u><b>University Level Requirements [20]:</b></u> <input type="checkbox"/> <b>2 General Education Modules (GEMS)</b> - 1 from Group A or Group B  _____ - 1 from Group B  _____ <input type="checkbox"/> <b>1 Singapore Studies Modules (SS)</b>
<b>YEAR 2</b>	<input type="checkbox"/> LSM2101 Metabolism and Regulation [4] <input type="checkbox"/> LSM2102 Molecular Biology [4] <input type="checkbox"/> LSM2103 Cell Biology [4] <input type="checkbox"/> LSM2191 Laboratory Techniques in Life Sciences [4] <input type="checkbox"/> ST1232 Statistics for Life Sciences [4]	<input type="checkbox"/> <b>One of the following (in Semester 1 or Semester 2):</b> LSM2241 Introductory Bioinformatics [4] LSM2251 Ecology and Environment [4] LSM2291 Fundamental Techniques in Microbiology [4]	<input type="checkbox"/> <b>2 Breadth Modules</b>  _____ <u><b>Faculty Requirements:</b></u> <input type="checkbox"/> <b>1 module</b> from Physical Sciences OR Computing Sciences OR Multidisciplinary & Interdisciplinary Sciences subject group [4]
<b>YEAR 3</b>		<b>5</b> LSM32XX (except LSM3289) [5x4=20]  _____ _____ _____	<input type="checkbox"/> <b>1 module</b> from any subject group except LSM-prefixed modules [4]  _____  <u><b>Unrestricted Elective Modules (UE):</b></u> <input type="checkbox"/> <b>36 MCs or typically 9 modules</b>  _____ _____ _____ _____
<b>YEAR 4</b>	<input type="checkbox"/> LSM4199 Honours Project in Life Sciences (project to be listed in area of chosen specialisation) [16; 8 per semester]	<b>4</b> LSM42XX, out of which at least <b>2</b> 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.