Life Sciences Major
For students admitted in the Class of 2020 onwards

**Gateway Modules (Select three)**
- YSC2216 Evolutionary Biology
- YSC2233 Genetics
- YSC3241 Computational and Systems Biology
- YSC3233 Molecular & Cellular Biology

**Methods Module (Required)**
- YSC2202 Biology Laboratory

**Elective Modules (Select four)**
At least one module must be at the 4000 level
- YSC2247 Ecology & Ecosystems
- YSC2235 Field Research
- YSC2231 Foundations of Neuroscience
- YSC2234 Human Biology
- YSC2236 Microbiomes
- YSC2241 Plant Biology
- YSC3235 Animal Behaviour
- YSC3214 Biochemistry
- YSC3251 Conservation Biology
- YSC3253 Coral Reefs and Environmental Change
- YSC3238 Developmental Biology
- YSC4211A Advanced Topics: Molecular, Cell and Developmental Biology: Heredity and Epigenetics
- YSC4211B Advanced Topics: Molecular, Cell and Developmental Biology: Stem Cells

**Advanced and Capstone Modules (Required)**
- YSC3215 Research Seminar
- YSC 4102 Life Sciences Capstone Project

**Modular Credits**

<table>
<thead>
<tr>
<th>Type</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introductory Modules</td>
<td>0</td>
</tr>
<tr>
<td>Gateway Modules</td>
<td>15</td>
</tr>
<tr>
<td>Methods Module</td>
<td>5</td>
</tr>
<tr>
<td>Elective Modules</td>
<td>19-20</td>
</tr>
<tr>
<td>Advanced Modules</td>
<td>15</td>
</tr>
<tr>
<td>Total</td>
<td>54-55</td>
</tr>
</tbody>
</table>