PSB Academy Enrolment sheet – 50110 - BSc (Chemistry) – 2014/2015

(For students with a completed Diploma, with a GPA >2.2, from an approved Singapore Polytechnic)

Student Name: ____________________________________ ______________ Student No: _____________________________

This program requires completion of 24 units (144 points) and consists of 17 core units (102 points), 1 optional unit (6 points) and 6 units (36 points) of unspecified advanced standing (credit).

<table>
<thead>
<tr>
<th>No</th>
<th>Recommended Teaching Period</th>
<th>Unit Code</th>
<th>Unit Title</th>
<th>Pre-requisite</th>
<th>Last Period of Availability</th>
<th>Unit Coordinator</th>
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<tbody>
<tr>
<td>1</td>
<td>G5, 201</td>
<td>Core CHEM1104 Biological Inorganic and Physical Chemistry Background in Chemistry</td>
<td>G5 2014</td>
<td>Duncan Wild</td>
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<td>2</td>
<td>G6, 201</td>
<td>Core SCIE1106 Molecular Biology of the Cell Background in Biology &amp; Chemistry</td>
<td>G6 2014</td>
<td>Martha Ludwig</td>
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<td>3</td>
<td>G1, 201</td>
<td>Core CHEM1103 Biological Organic Chemistry Background in Chemistry</td>
<td>G1 2015</td>
<td>Scott Stewart</td>
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<td>4</td>
<td>G2, 201</td>
<td>Option GENE2204 or GENE2230 Principles of Genetics or Molecular Genetics Background in Biology OR SCIE1106</td>
<td>G2 2016 OR G2 2017</td>
<td>Lawrie Abraham</td>
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<td>5</td>
<td>G3, 201</td>
<td>Core CHEM2210 Structure Determination &amp; Physical Chemistry CHEM1103 and CHEM1104</td>
<td>G3 2015</td>
<td>Murray Baker &amp; Duncan Wild</td>
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<td>6</td>
<td>G4, 201</td>
<td>Core BIOC2201 Biochemistry of the Cell SCIE1106</td>
<td>G4 2016</td>
<td>Peter Arthur</td>
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<td>7</td>
<td>G2 and G5, 201</td>
<td>Core SCIE2225* Molecular Biology SCIE1106</td>
<td>G5 2016</td>
<td>Robert Tuckey</td>
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<td>8</td>
<td>G6, 201</td>
<td>Core BIOC2202 Biochemical Regulation of Cell Function SCIE1106</td>
<td>G6 2016</td>
<td>Peter Arthur</td>
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<td>9</td>
<td>G1, 201</td>
<td>Core CHEM2221 Biological &amp; Medicinal Chemistry CHEM2210</td>
<td>G1 2017</td>
<td>Keith Stubbs &amp; George Kout.</td>
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<td>10</td>
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<td>Core CHEM2211 Synthetic &amp; Materials Chemistry CHEM2210</td>
<td>G2 2017</td>
<td>Matthew Piggot</td>
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<td>11</td>
<td>G3, 201</td>
<td>Core CHEM3305 Biological Chemistry CHEM2210</td>
<td>G3 2017</td>
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<td>12</td>
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<td>Core CHEM3307 Metals in Biological Chemistry CHEM2210</td>
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<td>Murray Baker &amp; George Kout.</td>
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<td>13</td>
<td>G5, 201</td>
<td>Core CHEM3319 Analytical Chemistry &amp; Occupational Health &amp; Safety CHEM2210</td>
<td>G5 2017</td>
<td>Duncan Wild</td>
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<td>14</td>
<td>G6, 201</td>
<td>Core CHEM3312 Chemistry of Drug Design &amp; Discovery CHEM2210 and CHEM2221</td>
<td>G6 2017</td>
<td>Matthew Piggot</td>
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<td>15</td>
<td>G1, 201</td>
<td>Core SCIE3326 Molecular Biology Part 1 (AC) SCIE2225</td>
<td>G1 2018</td>
<td>Thomas Martin</td>
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<td>16</td>
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<td>Core SCIE3327 Molecular Biology Part 2 SCIE2225</td>
<td>G2 2018</td>
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<td>17</td>
<td>G3, 201</td>
<td>Core BIOC3353 Molecular &amp; Structural Biochemistry Part 1 (AC) BIOC2201 and BIOC2202</td>
<td>G3 2018</td>
<td>Robert Tuckey &amp; Paul Attwood</td>
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<td>18</td>
<td>G4, 201</td>
<td>Core BIOC3354 Molecular &amp; Structural Biochemistry Part 2 BIOC2201 and BIOC2202</td>
<td>G4 2018</td>
<td>Robert Tuckey &amp; Paul Attwood</td>
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* Unit available twice in a year.

Please Note: Advice given is provisional and may be subject to change.