## Course progression map for 2020 commencing students

This progression map provides advice on the suitable sequencing of units and guidance on how to plan unit enrolment for each semester of study. It does not substitute for the list of required units as described in the course 'Requirements' section of the Handbook.

### P2001 Bachelor of Pharmaceutical Science

**Specialisation - Drug discovery biology**

The placement of units may be rearranged to provide flexibility in choice of elective units and to support sequencing for double degree courses but care should be taken to ensure sequenced units are maintained in sequence.

<table>
<thead>
<tr>
<th>Year 1 Semester 1</th>
<th>BPS1011 Human physiology I: Cells to systems</th>
<th>BPS1021 Medicinal chemistry I: Structure</th>
<th>BPS1031 Physical chemistry I: Equilibria &amp; change</th>
<th>BPS1041 Scientific Inquiry</th>
</tr>
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<tbody>
<tr>
<td>Year 1 Semester 2</td>
<td>BPS1012 Human physiology II: Body systems</td>
<td>BPS1022 Medicinal chemistry II: Reactivity and biomolecules</td>
<td>BPS1032 Physical chemistry II: Solutions, surfaces and solids</td>
<td>BPS1042 Pharmaceutical science in context</td>
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<tr>
<td>Year 2 Semester 1</td>
<td>BPS2011 Pharmacology I: Biochemical signalling BPS1011, BPS1022</td>
<td>BPS2021 Synthetic chemistry I: Structure and Reactivity BPS1021, BPS1022</td>
<td>BPS2031 Analytical methods I: Principles and applications BPS1031, BPS1032</td>
<td>BPS2041 Drug delivery and Pharmacokinetics BPS1011, BPS1012</td>
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<tr>
<td>Year 2 Semester 2</td>
<td>BPS2012 Pharmacology II: Drug action BPS1012</td>
<td>BPS2022 Drug Discovery and Design BPS1022</td>
<td>BPS2032 Analytical methods II: Investigation design BPS2031</td>
<td>BPS2042 Drug Development BPS1032, BPS1042</td>
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</tbody>
</table>
| Year 3 Semester 1 | BPS3122 Diseased-focused pharmacology – CNS | BPS3121 Disease-focused pharmacology - Peripheral | BPS3131 Microbiology & immunology BPS2012 | Elective unit _ Choose one of:
- BPS3211 Computational drug design - BPS2022
- BPS3221 Synthetic chemistry II: Emerging methods – BPS2021
- BPS3231 Advanced experimental spectroscopy – BPS2021
- BPS3241 Analysis of drug-receptor interactions – BPS2021
- BPS3321 Biotechnology products – BPS2041 |
| Year 3 Semester 2 | BPS3112 Professional experience in drug discovery biology BPS2012, BPS2032, BPS2042 | BPS3111 Pharmacology III: Advanced concepts BPS2012 | BPS3132 Toxicology BPS2012 | Elective unit_ Choose one of:
- BPS3222 Synthetic strategies for drug design - BPS2021
- BPS3232 Molecular basis of drug action – BPS2011, BPS2021
- BPS3322 Drug delivery nanotechnology – BPS2042
- BPS3332 Applied pharmacokinetics and pharmacodynamics – BPS2041 |

A Foundation sciences  B,C Pharmaceutical science and Applied project  Faculty Unit Index

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