## Sample Course Plan - Semester 1 2021 entry B1374 Bachelor Laboratory Medicine - 96 credit points Specified Elective Stream: Biomedical Science

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## Major Prerequisites: Chemistry Background

Students who achieved a final scaled score of 50 percent or more in Chemistry 3A/3B or Chemistry ATAR within the past three years should seek an exemption from their Academic Chair for <u>CHE140</u> Fundamentals of Chemistry. Students who have completed previous chemistry not stated above should also consult their Academic Chair for clarification of their enrolment requirements.

|        | Semester 1   |  | Semester 2   |   |
|--------|--|--|--|---|
| Year 1 | <u>BSC100</u> Building Blocks for Science<br>Students<br><u>CHE140</u> Fundamentals of Chemistry                                   | 3pts<br>3pts<br>3pts<br>3pts<br><u>12pts</u> | MSP100 Career Learning: Managing Your<br>Career<br>BIO152 Cell Biology<br>BMS107 Foundations of Vertebrate Form<br>and Function<br>CHE144 Foundations of Chemistry | 3pts<br>3pts<br>3pts<br>3pts<br>12pts         |
| Year 2 | Choose an elective<br><u>BIO282</u> Molecular Biology<br><u>BMS212</u> Medical Microbiology<br><u>BMS206</u> Biomedical Physiology | 3pts<br>3pts<br>3pts<br>3pts<br><u>12pts</u> | <u>BMS218</u> Haematology<br><u>BMS211</u> Medical Immunology and<br>Molecular Genetics<br><u>BIO247</u> Biochemistry<br><u>BMS324</u> Clinical Microbiology I     | 3pts<br>3pts<br>3pts<br>3pts<br>3pts<br>12pts |
| Year 3 | BMS321 Histology<br>BMS314 Pathological Basis of Disease<br>BMS327 Diagnostic Genomics<br>BMS317 Pharmacology                      | 3pts<br>3pts<br>3pts<br>3pts<br><u>12pts</u> | <u>BMS315</u> Advances in Medical Science<br><u>BMS323</u> Clinical Biochemistry I<br><u>BMS325</u> Histopathology<br><u>BMS326</u> Clinical Haematology II        | 3pts<br>3pts<br>3pts<br>3pts<br><u>12pts</u>  |
| Year 4 | <u>BMS431</u> Laboratory Medicine Practice I<br><u>BMS432</u> Laboratory Medicine Practice II                                      | 6pts<br>6pts<br>12pts                        | <u>BMS322</u> Clinical Immunology<br><u>BMS423</u> Clinical Biochemistry II<br><u>BMS424</u> Clinical Microbiology II<br><u>BMS426</u> Clinical Haematology II     | 3pts<br>3pts<br>3pts<br>3pts<br><u>12pts</u>  |

## **Additional Academic Progress Requirements**

In order to continue in the B1374 Bachelor of Laboratory Medicine, students must maintain a minimum GPA of 2.0 or course weighted average of 60. This will be reviewed following each semester after completing the first 24 points of study. Students failing to maintain a GPA > 2.0 or course weighted average of 60 will be transferred into B1380 Bachelor of Science.

Disclaimer: This course plan is a sample only and must be read in conjunction with the full course structure, unit prerequisites and enrolment options as per the online <u>Handbook</u>. Students should note that due to unit prerequisites, commencing study in semester 2 may extend the duration of the course.