

# Bachelor of Medical Science (Laboratory Medicine)

## Study Planner

First Level	Semester 1	<b>BIOL1102</b> Molecular Basis of Life	<b>CHEM1201</b> General Chemistry	<b>MDSC1102</b> Skills for Medical Scientists	<b>MMED1005</b> How your Body Works Human Physiology and Structure
	Semester 2	<b>CHEM1010*</b> Chemistry 1A  <i>*assumed knowledge</i>	<b>MMED1007</b> Histology: The Building Blocks of the Human Body  <i>MDSC1102, BIOL1102 or ^MMED1005</i>	<b>MMED1008</b> How Your Cells Work: Fundamentals of Cell Biology  <i>BIOL1102</i>	<b>Year 1 Option</b>
Second Level	Semester 1	<b>BIOL2761</b> Virology  <i>BIOL1102</i>	<b>BIOL2771</b> Biochemistry  <i>BIOL1102 &amp; CHEM1201 or CHEM1010</i>	<b>MMED2931</b> Human Physiology  <i>36 completed units or MMED1005 *assumed knowledge</i>	<b>MMED2934</b> Introduction to Human Molecular Genetics  <i>*assumed knowledge</i>
	Semester 2	<b>BIOL2772</b> Molecular Biology  <i>BIOL1102 &amp; CHEM1010</i>	<b>MDSC2000</b> Skills for Medical Scientists 2  <i>18 units completed *assumed knowledge</i>	<b>MMED2935</b> Human Immunology and Infectious Diseases  <i>BIOL1102 &amp; CHEM1010</i>	<b>MMED3933</b> Biochemistry of Human Disease  <i>BIOL2771</i>
Third Level	Semester 1	<b>BIOL3761</b> Foundations in Microbiology  <i>BIOL1102 &amp; CHEM1010</i>	<b>MDSC3000</b> Skills for Medical Scientists 3  <i>MDSC1102 &amp; MDSC2000</i>	<b>MMED3937</b> Pathophysiology for Medical Science  <i>^MMED2931</i>	<b>MMED3007</b> Haematology and Transfusion Science  <i>MMED1007 &amp; MMED2935</i>
	Semester 2	<b>MDSC3100</b> Point-of-Care Testing  <i>MMED1005 or MMED2931 *assumed knowledge</i>	<b>Flexible Core</b> 9 units  <i>2 of BIOL3782, MMED3928, MMED3939</i>		<b>Option Year 3</b>
Fourth Level	Semester 1	<b>MMED4013A</b> Professional Practice in Medical Science 1 (9 units)  <i>90 units of topics</i>		<b>MMED4013B</b> Professional Practice in Medical Science 1 (9 units)  <i>90 units of topics</i>	
	Semester 2	<b>MMED4014A</b> Professional Practice in Medical Science 2 (9 units)  <i>90 units of topics</i>		<b>MMED4014B</b> Professional Practice in Medical Science 2 (9 units)  <i>^MMED4014A</i>	

Key:

Core Topics
Elective Topics

**Prerequisite Topic**

Please note:

- ^ may be studied concurrently with associated topic
- \*assumed knowledge – please refer to the Course Rule for clarification
- This document is provided as a guide only. Students are responsible for ensuring that they have completed their study according to the official [Course Rule](#).
- Topic information for all topics, including pre-requisites can be found on the [Topic Page](#)
- General enrolment assistance is available via [Ask Flinders](#)
- For specific course advice e-mail: [courseadvice.MPH@flinders.edu.au](mailto:courseadvice.MPH@flinders.edu.au)