

Bachelor of Medical Science Study Planner

Major: Molecular Medicine

First Level	Semester 1	BIOL1102 Molecular Basis of Life S1	CHEM1010* Chemistry 1A S1 & S2 <i>*assumed knowledge</i>	MDSC1102 Skills for Medical Scientists S1	MMED1005 How your Body Works Human Physiology and Structure S1 & Online in S2
	Semester 2	MMED1007 Histology: The Building Blocks of the Human Body S2 <i>MDSC1102, BIOL1102 or ^MMED1005</i>	MMED1008 How Your Cells Work: Fundamentals of Cell Biology S2 <i>BIOL1102</i>	Year 1 Option	Year 1 Option
Second Level	Semester 1	BIOL2771 Biochemistry S1 <i>BIOL1102 and CHEM1010</i>	MMED2931 Human Physiology S1 <i>36 completed units or MMED1005 *assumed knowledge</i>	MMED2934 Introduction to Human Molecular Genetics S1 <i>*assumed knowledge</i> OR MMED3934 Principles of Pharmacology & Toxicology S1 <i>MMED2931</i>	Year 2 Option
	Semester 2	BIOL2772 Molecular Biology S2 <i>BIOL1102 and CHEM1010</i>	MDSC2000 Skills for Medical Scientists 2 S2 <i>18 units of topics *assumed knowledge</i>	MMED2935 Human Immunology and Infectious Diseases S2 <i>BIOL1102 and CHEM1010</i>	Year 2 Option

Third Level	Semester 1	MDSC3000 Skills for Medical Scientists 3 S1 <i>MDSC1102 & MDSC2000</i>	BTEC3002 Medical Biotechnology S1	MMED3942 Haematology and Transfusion Science S1 <i>MMED1007 and MMED2935</i>	Year 3 Option
	Semester 2	MDSC3100 Point of Care Testing S2 <i>MMED1005 or MMED2931</i> <i>*assumed knowledge</i>	MMED3933 Biochemistry of Human Disease S2 <i>BIOL2771</i>	MMED3938 Advanced Human Molecular Genetics S2 <i>MMED2934 or MMED3935</i> OR MMED3936 Medicines: Bench to Bedside S2	Year 3 Option

Key:

Core Topics
First Major
Elective Topics
Prerequisite Topic

*Students without prior chemistry knowledge should enrol in CHEM1201 General Chemistry first (choosing this as an Option Topic) and then select CHEM1010 Chemistry 1A in the next semester.

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