



College of Medicine & Public Health

## **Bachelor of Medical Science (Laboratory Medicine)**

### **Study Plan Options**

**Please note:**

- This document is provided as a guide only. It is the student's responsibility to review and assess any changes to the course rule, topic prerequisites and semester availability; this information is available [online](#).
- If you require a part-time or personalised study plan, please email [courseadvice.MPH@flinders.edu.au](mailto:courseadvice.MPH@flinders.edu.au).
- Prerequisites are listed in *red*.
- ^ may be studied concurrently with associated topic.
- \*assumed knowledge – please refer to the Course Rule for clarification.
- Option topics are available from a select list of topics as per the course rule.

### **2026 Bachelor of Medical Science (Laboratory Medicine) Course Rule**

**The following study plans are available in this document:**

Commencing Semester 1

[Full Time](#)  
[Full Time - Includes CHEM1201](#)

Commencing Semester 2

[Full Time](#)  
[Full Time - Includes CHEM1201](#)

**Bachelor of Medical Science (Laboratory Medicine)**  
**Commencing Semester 1 - Full Time Study Plan**



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2026	Semester 1	<b>BIOL1102</b> Molecular Basis of Life	<b>MDSC1102</b> Skills for Medical Scientists 1	<b>MMED1005</b> How your Body Works Human Physiology and Structure	<b>CHEM1010*</b> Chemistry 1A <i>*assumed knowledge</i>
	Semester 2	<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 Topic</b>	<b>Year 1 Option Topic</b>
2027	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</i> <i>*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</i> <i>*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>
2028	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 for Laboratory Medicine <i>MMED1007 &amp; MMED2935</i>
	Semester 2	<b>MDSC3100</b> Point-of-Care Testing: Application, Management and Effectiveness <i>MMED1005 or MMED2931</i> <i>*assumed knowledge</i>	<b>Year 3 Option Topic (A)</b>  <i>Choose from the 'Option topics A' list</i>	<b>Year 3 Option Topic (A)</b>  <i>Choose from the 'Option topics A' list</i>	<b>Year 3 Option Topic (B)</b>  <i>Choose from the 'Option topics B' list</i>
2029	Semester 1	<b>MMED4013A</b> Professional Practice in Medical Science 1 (9 units) <i>108 units of topics</i>		<b>MMED4013B</b> Professional Practice in Medical Science 1 (9 units) <i>^MMED4013A</i>	
	Semester 2	<b>MMED4014A</b> Professional Practice in Medical Science 2 (9 units) <i>108 units of topics, plus MMED4013A &amp; MMED4013B</i>		<b>MMED4014B</b> Professional Practice in Medical Science 2 (9 units) <i>^MMED4014A</i>	

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**Commencing Semester 1 – Full Time - Includes CHEM1201**



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2026	Semester 1	<b>BIOL1102</b> Molecular Basis of Life	<b>MDSC1102</b> Skills for Medical Scientists 1	<b>MMED1005</b> How your Body Works Human Physiology and Structure	<b>Year 1 Option Topic</b> <b>CHEM1201</b> General Chemistry
	Semester 2	<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>CHEM1010*</b> Chemistry 1A <i>*assumed knowledge</i>	<b>Year 1 Option Topic</b>
2027	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</i> <i>*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</i> <i>*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>
2028	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 for Laboratory Medicine <i>MMED1007 &amp; MMED2935</i>
	Semester 2	<b>MDSC3100</b> Point-of-Care Testing: Application, Management and Effectiveness <i>MMED1005 or MMED2931</i> <i>*assumed knowledge</i>	<b>Year 3 Option Topic (A)</b>  <i>Choose from the 'Option topics A' list</i>	<b>Year 3 Option Topic (A)</b>  <i>Choose from the 'Option topics A' list</i>	<b>Year 3 Option Topic (B)</b>  <i>Choose from the 'Option topics B' list</i>
2029	Semester 1	<b>MMED4013A</b> Professional Practice in Medical Science 1 (9 units) <i>108 units of topics</i>		<b>MMED4013B</b> Professional Practice in Medical Science 1 (9 units) <i>^MMED4013A</i>	
	Semester 2	<b>MMED4014A</b> Professional Practice in Medical Science 2 (9 units) <i>108 units of topics, plus MMED4013A &amp; MMED4013B</i>		<b>MMED4014B</b> Professional Practice in Medical Science 2 (9 units) <i>^MMED4014A</i>	

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**Commencing Semester 2 – Full Time Study Plan**



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2026	S1				
	Semester 2	<b>MMED1007</b> Histology: The Building Blocks of the Human Body <i>MDSC1102, BIOL1102 or ^MMED1005</i>	<b>CHEM1010*</b> Chemistry 1A <i>*assumed knowledge</i>	<b>MMED1005</b> How your Body Works Human Physiology and Structure	<b>Year 1 Option Topic</b>
2027	Semester 1	<b>BIOL1102</b> Molecular Basis of Life	<b>MDSC1102</b> Skills for Medical Scientists 1	<b>Year 1 Option Topic</b>	<b>MMED2934</b> Introduction to Human Molecular Genetics <i>*assumed knowledge</i>
	Semester 2	<b>MMED1008</b> How Your Cells Work: Fundamentals of Cell Biology <i>BIOL1102</i>	<b>MDSC2000</b> Skills for Medical Scientists 2 <i>18 units completed</i> <i>*assumed knowledge</i>	<b>MMED2935</b> Human Immunology and Infectious Diseases <i>BIOL1102 &amp; CHEM1010</i>	<b>BIOL2772</b> Molecular Biology <i>BIOL1102 &amp; CHEM1010</i>
2028	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</i> <i>*assumed knowledge</i>	<b>BIOL3761</b> Foundations in Microbiology <i>BIOL1102 &amp; CHEM1010</i>
	Semester 2	<b>MDSC3100</b> Point-of-Care Testing: Application, Management and Effectiveness <i>MMED1005 or MMED2931</i> <i>*assumed knowledge</i>	<b>MMED3933</b> Biochemistry of Human Disease <i>BIOL2771</i>	<b>Year 3 Option Topic (A)</b>  <i>Choose from the 'Option topics A' list</i>	<b>Year 3 Option Topic (A)</b>  <i>Choose from the 'Option topics A' list</i>
2029	Semester 1	<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 for Laboratory Medicine <i>MMED1007 &amp; MMED2935</i>	<b>Year 3 Option Topic (B)</b>  <i>Choose from the 'Option topics B' list</i>
	Semester 2	<b>MMED4013A</b> Professional Practice in Medical Science 1 (9 units) <i>108 units of topics</i>		<b>MMED4013B</b> Professional Practice in Medical Science 1 (9 units) <i>^MMED4013A</i>	
2030	Semester 1	<b>MMED4013A</b> Professional Practice in Medical Science 1 (9 units) <i>108 units of topics</i>		<b>MMED4013B</b> Professional Practice in Medical Science 1 (9 units) <i>^MMED4013A</i>	
	S2				

**Bachelor of Medical Science (Laboratory Medicine)**  
**Commencing Semester 2 – Full Time - Includes CHEM1201**



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2026	S1				
	Semester 2	<b>MMED1005</b> How your Body Works Human Physiology and Structure	<b>MMED1007</b> Histology: The Building Blocks of the Human Body <i>MDSC1102, BIOL1102 or ^MMED1005</i>	<b>Year 1 Option Topic</b>	<b>Year 3 Option Topic (B)</b>  <i>Choose from the 'Option topics B' list</i>
2027	Semester 1	<b>BIOL1102</b> Molecular Basis of Life	<b>MDSC1102</b> Skills for Medical Scientists 1	<b>Year 1 Option Topic</b> <b>CHEM1201</b> General Chemistry	<b>MMED2934</b> Introduction to Human Molecular Genetics <i>*assumed knowledge</i>
	Semester 2	<b>MMED1008</b> How Your Cells Work: Fundamentals of Cell Biology <i>BIOL1102</i>	<b>MDSC2000</b> Skills for Medical Scientists 2 <i>18 units completed</i> <i>*assumed knowledge</i>	<b>MMED2935</b> Human Immunology and Infectious Diseases <i>BIOL1102 &amp; CHEM1201</i>	<b>BIOL2772</b> Molecular Biology <i>BIOL1102 &amp; CHEM1201</i>
2028	Semester 1	<b>CHEM1010*</b> Chemistry 1A <i>*assumed knowledge</i>	<b>BIOL2771</b> Biochemistry <i>BIOL1102 &amp; CHEM1201</i>	<b>MMED2931</b> Human Physiology <i>36 completed units or</i> <i>MMED1005</i> <i>*assumed knowledge</i>	<b>BIOL2761</b> Virology <i>BIOL1102</i>
	Semester 2	<b>MDSC3100</b> Point-of-Care Testing: Application, Management and Effectiveness <i>MMED1005 or MMED2931</i> <i>*assumed knowledge</i>	<b>MMED3933</b> Biochemistry of Human Disease <i>BIOL2771</i>	<b>Year 3 Option Topic (A)</b>  <i>Choose from the 'Option topics A' list</i>	<b>Year 3 Option Topic (A)</b>  <i>Choose from the 'Option topics A' list</i>
2029	Semester 1	<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 for Laboratory Medicine <i>MMED1007 &amp; MMED2935</i>	<b>BIOL3761</b> Foundations in Microbiology <i>BIOL1102 &amp; CHEM1010</i>
	Semester 2	<b>MMED4013A</b> Professional Practice in Medical Science 1 (9 units) <i>108 units of topics</i>		<b>MMED4013B</b> Professional Practice in Medical Science 1 (9 units) <i>^MMED4013A</i>	
2030	Semester 1	<b>MMED4013A</b> Professional Practice in Medical Science 1 (9 units) <i>108 units of topics</i>		<b>MMED4013B</b> Professional Practice in Medical Science 1 (9 units) <i>^MMED4013A</i>	
	S2				