



Flinders University

College of Medicine & Public Health

Bachelor of Medical Science Study Plan Options for 2023-2025 Commencers

Please note:

- **This document is for students who commenced between 2023 and 2025 only.** If you commenced this degree prior to 2023, please reach out to courseadvice.MPH@flinders.edu.au for study plan advice.
- If you commenced this degree in 2026, please refer to the [2026 Bachelor of Medical Science Study Plan Options](#).
- 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](#).
- Students without prior chemistry knowledge should enrol in CHEM1201 General Chemistry first (choosing this as a Year 1 Option Topic) and then select CHEM1010 Chemistry 1A in the next semester. Please email courseadvice.MPH@flinders.edu.au to request a personalised study plan in this instance.
- If you require a study part-time, please email courseadvice.MPH@flinders.edu.au to request this.
- 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.
- Honours Students: Please follow the appropriate BMS study plan based on your chosen major and then refer to the Bachelor of Medical Science Honours (BMSH) study plans on pages 9 & 10

Please refer to the Bachelor of Medical Science Course Rule that is applicable to your commencement year available via the [Student Handbook](#)

The following study plans are available in this document:

No Major – Option Topics	Commencing Semester 1 Commencing Semester 2
Immunology and Infectious Diseases Major (HIID-MJ)	Commencing Semester 1 Commencing Semester 2
Human Physiology, Neuroscience and Anatomy Major (HPNA-MJ)	Commencing Semester 1 Commencing Semester 2
Molecular Medicine Major (MOME-MJ)	Commencing Semester 1 Commencing Semester 2
Bachelor of Medical Science Honours (BMSH)	Commencing Semester 1 Commencing Semester 2

Bachelor of Medical Science (BMS)

Major: No Major

Commencing Semester 1 – Full Time Study Load



Medicine &
Public Health

First Year	Semester 1	BIOL1102 Molecular Basis of Life	CHEM1010* Chemistry 1A <i>*assumed knowledge</i>	MDSC1102 Skills for Medical Scientists 1	MMED1005 How your Body Works Human Physiology and Structure
	Semester 2	MMED1007 Histology: The Building Blocks of the Human Body <i>MDSC1102, BIOL1102 or MMED1005</i>	MMED1008 How Your Cells Work: Fundamentals of Cell Biology <i>BIOL1102</i>	Year 1 Option Topic	Year 1 Option Topic
Second Year	Semester 1	MMED2931 Human Physiology <i>36 units completed or MMED1005 *assumed knowledge</i>	BIOL2771 Biochemistry <i>BIOL1102 & CHEM1010</i>	Year 2 Option Topic	Year 2 Option Topic
	Semester 2	MDSC2000 Skills for Medical Scientists 2 <i>18 units completed & *assumed knowledge</i>	BIOL2772 Molecular Biology <i>BIOL1102 & CHEM1010</i>	Year 2 Option Topic	Year 2 Option Topic
Third Year	Semester 1	MDSC3000 Skills for Medical Scientists 3 <i>MDSC1102 & MDSC2000</i>	Year 3 Option Topic	Year 3 Option Topic	Year 3 Option Topic
	Semester 2	Year 3 Option Topic	Year 3 Option Topic	Year 3 Option Topic	Year 3 Option Topic

Bachelor of Medical Science (BMS)

Major: No Major

Commencing Semester 2 – Full Time Study Load



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First Year	Semester 1				
	Semester 2	MMED1007 Histology: The Building Blocks of the Human Body <i>MDSC1102, BIOL1102 or MMED1005</i>	CHEM1010* Chemistry 1A <i>*assumed knowledge</i>	MMED1005 How your Body Works Human Physiology and Structure	Year 1 Option Topic
First & Second Year	Semester 1	BIOL1102 Molecular Basis of Life	MDSC1102 Skills for Medical Scientists 1	Year 1 Option Topic	MMED2931 Human Physiology <i>36 completed units or MMED1005</i> <i>*assumed knowledge</i>
	Semester 2	MMED1008 How Your Cells Work: Fundamentals of Cell Biology <i>BIOL1102</i>	MDSC2000 Skills for Medical Scientists 2 <i>18 units completed & *assumed knowledge</i>	Year 2 Option Topic	Year 2 Option Topic
Second & Third Year	Semester 1	BIOL2771 Biochemistry <i>BIOL1102 & CHEM1010</i>	Year 2 Option Topic	Year 2 Option Topic	Year 3 Option Topic
	Semester 2	BIOL2772 Molecular Biology <i>BIOL1102 & CHEM1010</i>	Year 3 Option Topic	Year 3 Option Topic	Year 3 Option Topic
Third Year	Semester 1	MDSC3000 Skills for Medical Scientists 3 <i>MDSC1102 & MDSC2000</i>	Year 3 Option Topic	Year 3 Option Topic	Year 3 Option Topic
	Semester 2				

Bachelor of Medical Science (BMS)
Major: Immunology and Infectious Diseases (HIID-MJ)
Commencing Semester 1 - Full Time Study Plan



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First Year	Semester 1	BIOL1102 Molecular Basis of Life	CHEM1010* Chemistry 1A <i>*assumed knowledge</i>	MDSC1102 Skills for Medical Scientists 1	MMED1005 How your Body Works Human Physiology and Structure
	Semester 2	MMED1007 Histology: The Building Blocks of the Human Body <i>MDSC1102, BIOL1102 or ^MMED1005</i>	MMED1008 How Your Cells Work: Fundamentals of Cell Biology <i>BIOL1102</i>	Year 1 Option Topic	Year 1 Option Topic
Second Year	Semester 1	MMED2931 Human Physiology <i>36 units completed or MMED1005</i> <i>*assumed knowledge</i>	BIOL2771 Biochemistry <i>BIOL1102 & CHEM1010</i>	HIID-MJ Topic MMED2934 Introduction to Human Molecular Genetics <i>*assumed knowledge</i>	HIID-MJ Topic BIOL2761 Virology <i>BIOL1102</i>
	Semester 2	MDSC2000 Skills for Medical Scientists 2 <i>18 units completed & *assumed knowledge</i>	BIOL2772 Molecular Biology <i>BIOL1102 & CHEM1010</i>	HIID-MJ Topic MMED2935 Human Immunology and Infectious Diseases <i>BIOL1102 & CHEM1010</i>	Year 2 Option Topic
Third Year	Semester 1	MDSC3000 Skills for Medical Scientists 3 <i>MDSC1102 & MDSC2000</i>	HIID-MJ Topic MMED3937 Pathophysiology for Medical Science <i>^MMED2931</i>	Year 2 Option Topic	Year 3 Option Topic
	Semester 2	HIID-MJ Topic MDSC3100 Clinical Chemistry: Concepts and Applications <i>MMED2931 or MMED1005</i>	HIID-MJ Topic MMED3933 Biochemistry of Human Disease <i>BIOL2771</i>	HIID-MJ Topic MMED3939 Medical Virology, Immunology and Immunopathogenesis <i>BIOL1102 & MMED2935</i> <i>+ 54 units completed</i>	Year 3 Option Topic

Bachelor of Medical Science (BMS)
Major: Immunology and Infectious Diseases (HIID-MJ)
Commencing Semester 2 – Full Time Study Plan



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First Year	Semester 1				
	Semester 2	MMED1007 Histology: The Building Blocks of the Human Body <i>MDSC1102, BIOL1102 or ^MMED1005</i>	CHEM1010* Chemistry 1A <i>*assumed knowledge</i>	MMED1005 How your Body Works Human Physiology and Structure	Year 1 Option Topic
First & Second Year	Semester 1	BIOL1102 Molecular Basis of Life	MDSC1102 Skills for Medical Scientists 1	Year 1 Option Topic	MMED2931 Human Physiology <i>36 completed units or MMED1005</i> <i>*assumed knowledge</i>
	Semester 2	MMED1008 How Your Cells Work: Fundamentals of Cell Biology <i>BIOL1102</i>	MDSC2000 Skills for Medical Scientists 2 <i>18 units completed & *assumed knowledge</i>	HIID-MJ Topic MMED2935 Human Immunology and Infectious Diseases <i>BIOL1102 & CHEM1010</i>	Year 2 Option Topic
Second & Third Year	Semester 1	BIOL2771 Biochemistry <i>BIOL1102 & CHEM1010</i>	HIID-MJ Topic MMED2934 Introduction to Human Molecular Genetics <i>*assumed knowledge</i>	HIID-MJ Topic BIOL2761 Virology <i>BIOL1102</i>	Year 2 Option Topic
	Semester 2	BIOL2772 Molecular Biology <i>BIOL1102 & CHEM1010</i>	HIID-MJ Topic MDSC3100 Clinical Chemistry: Concepts and Applications <i>MMED2931 or MMED1005</i>	HIID-MJ Topic MMED3933 Biochemistry of Human Disease <i>BIOL2771</i>	HIID-MJ Topic MMED3939 Medical Virology, Immunology and Immunopathogenesis <i>BIOL1102 & MMED2935 + 54 units completed</i>
Third Year	Semester 1	MDSC3000 Skills for Medical Scientists 3 <i>MDSC1102 & MDSC2000</i>	HIID-MJ Topic MMED3937 Pathophysiology for Medical Science <i>^MMED2931</i>	Year 3 Option Topic	Year 3 Option Topic
	Semester 2				

Bachelor of Medical Science (BMS)
Major: Human Physiology, Neuroscience and Anatomy (HPNA-MJ)
Commencing Semester 1 – Full Time Study Load



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First Year	Semester 1	BIOL1102 Molecular Basis of Life	CHEM1010* Chemistry 1A <i>*assumed knowledge</i>	MDSC1102 Skills for Medical Scientists 1	MMED1005 How your Body Works Human Physiology and Structure
	Semester 2	MMED1007 Histology: The Building Blocks of the Human Body <i>MDSC1102, BIOL1102 or ^MMED1005</i>	MMED1008 How Your Cells Work: Fundamentals of Cell Biology <i>BIOL1102</i>	Year 1 Option Topic	Year 1 Option Topic
Second Year	Semester 1	MMED2931 Human Physiology <i>36 units completed or MMED1005 *assumed knowledge</i>	BIOL2771 Biochemistry <i>BIOL1102 & CHEM1010</i>	HPNA-MJ Topic MMED2933 Fundamental Neuroscience <i>*assumed knowledge</i>	Year 2 Option Topic
	Semester 2	MDSC2000 Skills for Medical Scientists 2 <i>18 units completed & *assumed knowledge</i>	BIOL2772 Molecular Biology <i>BIOL1102 & CHEM1010</i>	HPNA-MJ Topic MMED2932 Integrative Human Physiology <i>MMED2931</i>	Year 2 Option Topic
Third Year	Semester 1	MDSC3000 Skills for Medical Scientists 3 <i>MDSC1102 & MDSC2000</i>	HPNA-MJ Topic MMED3930 Sensory Motor Systems <i>MMED2933</i>	HPNA-MJ Topic MMED3932 Body Systems <i>MMED2931</i>	HPNA-MJ Topic MMED3937 Pathophysiology for Medical Science <i>^MMED2931</i>
	Semester 2	HPNA-MJ Topic MMED3931 Advanced Neuroscience <i>MMED2933</i>	HPNA-MJ Topic MMED3941 Human Musculoskeletal Anatomy <i>MMED2931 & MMED3932</i>	Year 3 Option Topic	Year 3 Option Topic

Bachelor of Medical Science (BMS)
Major: Human Physiology, Neuroscience and Anatomy (HPNA-MJ)
Commencing Semester 2 – Full Time Study Load



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First Year	Semester 1				
	Semester 2	MMED1007 Histology: The Building Blocks of the Human Body <i>MDSC1102, BIOL1102 or ^MMED1005</i>	CHEM1010* Chemistry 1A <i>*assumed knowledge</i>	MMED1005 How your Body Works Human Physiology and Structure	Year 1 Option Topic
First & Second Year	Semester 1	BIOL1102 Molecular Basis of Life	MDSC1102 Skills for Medical Scientists 1	Year 1 Option Topic	MMED2931 Human Physiology <i>36 completed units or MMED1005</i> <i>*assumed knowledge</i>
	Semester 2	MMED1008 How Your Cells Work: Fundamentals of Cell Biology <i>BIOL1102</i>	MDSC2000 Skills for Medical Scientists 2 <i>18 units completed & *assumed knowledge</i>	HPNA-MJ Topic MMED2932 Integrative Human Physiology <i>MMED2931</i>	Year 2 Option Topic
Second & Third Year	Semester 1	BIOL2771 Biochemistry <i>BIOL1102 & CHEM1010</i>	HPNA-MJ Topic MMED2933 Fundamental Neuroscience <i>*assumed knowledge</i>	HPNA-MJ Topic MMED3932 Body Systems <i>MMED2931</i>	HPNA-MJ Topic MMED3937 Pathophysiology for Medical Science <i>^MMED2931</i>
	Semester 2	BIOL2772 Molecular Biology <i>BIOL1102 & CHEM1010</i>	HPNA-MJ Topic MMED3941 Human Musculoskeletal Anatomy <i>MMED2931 & MMED3932</i>	HPNA-MJ Topic MMED3931 Advanced Neuroscience <i>MMED2933</i>	Year 3 Option Topic
Third Year	Semester 1	MDSC3000 Skills for Medical Scientists 3 <i>MDSC1102 & MDSC2000</i>	HPNA-MJ Topic MMED3930 Sensory Motor Systems <i>MMED2933</i>	Year 3 Option Topic	Year 3 Option Topic
	Semester 2				

Bachelor of Medical Science (BMS)
Major: Molecular Medicine (MOME-MJ)
Commencing Semester 1 – Full-time Study Load



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First Year	Semester 1	BIOL1102 Molecular Basis of Life	CHEM1010* Chemistry 1A <i>*assumed knowledge</i>	MDSC1102 Skills for Medical Scientists 1	MMED1005 How your Body Works Human Physiology and Structure
	Semester 2	MMED1007 Histology: The Building Blocks of the Human Body <i>MDSC1102, BIOL1102 or MMED1005</i>	MMED1008 How Your Cells Work: Fundamentals of Cell Biology <i>BIOL1102</i>	Year 1 Option Topic	Year 1 Option Topic
Second Year	Semester 1	MMED2931 Human Physiology <i>36 units completed or MMED1005</i> <i>*assumed knowledge</i>	BIOL2771 Biochemistry <i>BIOL1102 & CHEM1010</i>	Year 2 Option Topic	Year 2 Option Topic
	Semester 2	MDSC2000 Skills for Medical Scientists 2 <i>18 units completed & *assumed knowledge</i>	BIOL2772 Molecular Biology <i>BIOL1102 & CHEM1010</i>	MOME-MJ Topic MMED2935 Human Immunology and Infectious Diseases <i>BIOL1102 & CHEM1010</i>	Year 3 Option Topic
Third Year	Semester 1	MDSC3000 Skills for Medical Scientists 3 <i>MDSC1102 & MDSC2000</i>	MOME-MJ Flexible Core Topic MMED2934 Introduction to Human Molecular Genetics <i>*assumed knowledge</i> OR MMED3934 Principles of Pharmacology and Toxicology <i>MMED2931</i>	MOME-MJ Topic BTEC3002 Medical Biotechnology <i>BIOL2771 & BIOL2772</i>	MOME-MJ Topic MMED3942 Haematology and Transfusion Science <i>MMED1007 & MMED2935</i>
	Semester 2	MOME-MJ Flexible Core Topic MMED3936 Medicines: Bench to Bedside OR MMED3938 Advanced Human Molecular Genetics <i>MMED2934</i>	MOME-MJ Topic MDSC3100 Clinical Chemistry: Concepts and Applications <i>MMED2931 or MMED1005</i>	MOME-MJ Topic MMED3933 Biochemistry of Human Disease <i>BIOL2771</i>	Year 3 Option Topic

Bachelor of Medical Science (BMS)
Major: Molecular Medicine (MOME-MJ)
Commencing Semester 2 – Full Time Study Load



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First Year	Semester 1				
	Semester 2	MMED1007 Histology: The Building Blocks of the Human Body <i>MDSC1102, BIOL1102 or MMED1005</i>	CHEM1010* Chemistry 1A <i>*assumed knowledge</i>	MMED1005 How your Body Works Human Physiology and Structure	Year 1 Option Topic
First & Second Year	Semester 1	BIOL1102 Molecular Basis of Life	MDSC1102 Skills for Medical Scientists 1	Year 1 Option Topic	MMED2931 Human Physiology <i>36 completed units or MMED1005</i> <i>*assumed knowledge</i>
	Semester 2	MMED1008 How Your Cells Work: Fundamentals of Cell Biology <i>BIOL1102</i>	MDSC2000 Skills for Medical Scientists 2 <i>18 units completed & *assumed knowledge</i>	MOME-MJ Topic MMED2935 Human Immunology and Infectious Diseases <i>BIOL1102 & CHEM1010</i>	Year 2 Option Topic
Second & Third Year	Semester 1	BIOL2771 Biochemistry <i>BIOL1102 & CHEM1010</i>	MOME-MJ Flexible Core Topic MMED2934 Introduction to Human Molecular Genetics <i>*assumed knowledge</i> OR MMED3934 Principles of Pharmacology and Toxicology <i>MMED2931</i>	MOME-MJ Topic MMED3942 Haematology and Transfusion Science <i>MMED1007 & MMED2935</i>	Year 3 Option Topic
	Semester 2	BIOL2772 Molecular Biology <i>BIOL1102 & CHEM1010</i>	MOME-MJ Flexible Core Topic MMED3936 Medicines: Bench to Bedside OR MMED3938 Advanced Human Molecular Genetics <i>MMED2934</i>	MOME-MJ Topic MMED3933 Biochemistry of Human Disease <i>BIOL2771</i>	MOME-MJ Topic MDSC3100 Clinical Chemistry: Concepts and Applications <i>MMED2931 or MMED1005</i>
Third Year	Semester 1	MDSC3000 Skills for Medical Scientists 3 <i>MDSC1102 & MDSC2000</i>	MOME-MJ Topic BTEC3002 Medical Biotechnology <i>BIOL2771 & BIOL2772</i>	Year 3 Option Topic	Year 3 Option Topic
	Semester 2				

**Bachelor of Medical Science
Honours Component (BMSH)
Commencing Semester 1 – Full Time Study Load**



Medicine &
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Honours Component	Semester 1	<p align="center">MMED7004B Honours Program (18/36 units)</p>
	Semester 2	<p align="center">MMED7004C Honours Program (18/36 units)</p> <p align="center"><i>MMED7004B</i></p>

**Bachelor of Medical Science
Honours Component (BMSH)
Commencing Semester 1 – Part Time Study Load**

Honours Component	Semester 1	<p align="center">MMED7004D Honours Program (9/36 units)</p>	
	Semester 2	<p align="center">MMED7004E Honours Program (9/36 units)</p> <p align="center"><i>MMED7004D</i></p>	
	Semester 1	<p align="center">MMED7004G Honours Program (9/36 units)</p> <p align="center"><i>MMED7004E</i></p>	
	Semester 2	<p align="center">MMED7004H Honours Program (9/36 units)</p> <p align="center"><i>MMED7004G</i></p>	

**Bachelor of Medical Science
Honours Component (BMSH)
Commencing Semester 2 – Full Time Study Load**



Medicine &
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Honours Component	S1	
	Semester 2	MMED7004B Honours Program (18/36 units)
	Semester 1	MMED7004C Honours Program (18/36 units) <i>MMED7004B</i>
	S2	

**Bachelor of Medical Science
Honours Component (BMSH)
Commencing Semester 1 – Part Time Study Load**

Honours Component	S1		
	Semester 2	MMED7004D Honours Program (9/36 units)	
	Semester 1	MMED7004E Honours Program (9/36 units) <i>MMED7004D</i>	
	Semester 2	MMED7004G Honours Program (9/36 units) <i>MMED7004E</i>	
	Semester 1	MMED7004H Honours Program (9/36 units) <i>MMED7004G</i>	
	S2		