



College of Medicine & Public Health

Bachelor of Medical Science - Accelerated

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](#).
- 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 email courseadvice.MPH@flinders.edu.au to request a personalised study plan in this instance.
- If you would like to undertake an additional minor, please email courseadvice.MPH@flinders.edu.au to request a study plan that includes your chosen minor.
- If you require a part-time study plan, please email 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 – Accelerated (BMSA) Course Rule

The following study plans are available in this document:

Immunology and Infectious Diseases Major (HIID-MJ)

[Commencing Semester 1](#)
[Commencing Semester 2](#)

Health and Medical Research Major (HMRE-MJ)

[Commencing Semester 1](#)
[Commencing Semester 2](#)

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 (BMSA)
Major: Immunology and Infectious Diseases (HIID-MJ)
Commencing Semester 1 - Full Time Study Plan



Medicine &
Public Health

2026	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>	PSYC1108 The Psychology of Surviving and Thriving	Year 1 Option Topic	HIID-MJ Topic MMED2935 Human Immunology and Infectious Diseases <i>BIOL1102 & CHEM1010</i>
2027	Semester 1	BIOL2771 Biochemistry <i>BIOL1102 & CHEM1010</i>	MMED2931 Human Physiology <i>36 units completed or MMED1005</i> <i>*assumed knowledge</i>	HIID-MJ Topic BIOL2761 Virology <i>BIOL1102</i>	Year 2 Option Topic	HIID-MJ Topic BIOL3761 Foundations in Microbiology <i>BIOL1102 & CHEM1010</i>
	Semester 2	MDSC2000 Skills for Medical Scientists 2 <i>18 units completed & *assumed knowledge</i>	HIID-MJ Topic MMED3939 Medical Virology, Immunology and Immunopathogenesis <i>BIOL1102 & MMED2935</i> <i>+ 54 units completed</i>	HIID-MJ Topic BIOL3782 Advanced Microbiology: Microbial Ecology and Infectious Disease <i>BIOL3761</i>	HIID-MJ Option Topic	Year 2 Option Topic
2028	Semester 1	MDSC3000 Skills for Medical Scientists 3 <i>MDSC1102 & MDSC2000</i>	HIID-MJ Topic MMED3937 Pathophysiology for Medical Science <i>^MMED2931</i>	HIID-MJ Topic MMED3942 Haematology and Transfusion Science <i>MMED1007 & MMED2935</i>	Year 3 Option Topic	Year 3 Option Topic
	Semester 2					

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



Medicine &
Public Health

2026	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	PSYC1108 The Psychology of Surviving and Thriving	Year 1 Option Topic
2027	Semester 1	BIOL1102 Molecular Basis of Life	MDSC1102 Skills for Medical Scientists 1	MMED2931 Human Physiology <i>36 units completed or MMED1005</i> <i>*assumed knowledge</i>	HIID-MJ Topic MMED3937 Pathophysiology for Medical Science <i>^MMED2931</i>	Year 2 Option Topic
	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	HIID-MJ Option Topic
2028	Semester 1	BIOL2771 Biochemistry <i>BIOL1102 & CHEM1010</i>	HIID-MJ Topic BIOL2761 Virology <i>BIOL1102</i>	MDSC3000 Skills for Medical Scientists 3 <i>MDSC1102 & MDSC2000</i>	HIID-MJ Topic BIOL3761 Foundations in Microbiology <i>BIOL1102 & CHEM1010</i>	HIID-MJ Topic MMED3942 Haematology and Transfusion Science <i>MMED1007 & MMED2935</i>
	Semester 2	HIID-MJ Topic MMED3939 Medical Virology, Immunology and Immunopathogenesis <i>BIOL1102 & MMED2935</i> <i>+ 54 units completed</i>	HIID-MJ Topic BIOL3782 Advanced Microbiology: Microbial Ecology and Infectious Disease <i>BIOL3761</i>	Year 3 Option Topic	Year 3 Option Topic	

Bachelor of Medical Science (BMSA)
Major: Health and Medical Research (HMRE-MJ)
Commencing Semester 1 – Full Time Study Load



Medicine &
Public Health

2026	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>	PSYC1108 The Psychology of Surviving and Thriving	Year 1 Option Topic	Year 2 Option Topic
2027	Semester 1	BIOL2771 Biochemistry <i>BIOL1102 & CHEM1010</i>	MMED2931 Human Physiology <i>36 units completed or MMED1005 *assumed knowledge</i>	HMRE-MJ Topic MMED2934 Introduction to Human Molecular Genetics <i>*assumed knowledge</i>	HMRE-MJ Topic PHCA2507 Biostatistics <i>36 units completed</i>	Year 3 Option Topic
	Semester 2	MDSC2000 Skills for Medical Scientists 2 <i>18 units completed & *assumed knowledge</i>	HMRE-MJ Topic BIOL2772 Molecular Biology <i>BIOL1102 & CHEM1010</i>	HMRE-MJ Option Topic	HMRE-MJ Option Topic	Year 3 Option Topic
2028	Semester 1	MDSC3000 Skills for Medical Scientists 3 <i>MDSC1102 & MDSC2000</i>	HMRE-MJ Topic MDSC3102 (9 units) Professional Placement Medical Science <i>^MDSC3000</i>		HMRE-MJ Option Topic	Year 3 Option Topic
	Semester 2					

Bachelor of Medical Science (BMSA)
Major: Health and Medical Research (HMRE-MJ)
Commencing Semester 2 – Full Time Study Plan



Medicine &
Public Health

2026	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	PSYC1108 The Psychology of Surviving and Thriving	Year 1 Option Topic
2027	Semester 1	BIOL1102 Molecular Basis of Life	MDSC1102 Skills for Medical Scientists 1	MMED2931 Human Physiology <i>36 units completed or MMED1005</i> <i>*assumed knowledge</i>	HMRE-MJ Topic MMED2934 Introduction to Human Molecular Genetics <i>*assumed knowledge</i>	Year 2 Option Topic
	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>	HMRE-MJ Topic BIOL2772 Molecular Biology <i>BIOL1102 & CHEM1010</i>	HMRE-MJ Option Topic	Year 3 Option Topic
2028	Semester 1	BIOL2771 Biochemistry <i>BIOL1102 & CHEM1010</i>	HMRE-MJ Topic PHCA2507 Biostatistics <i>36 units completed</i>	MDSC3000 Skills for Medical Scientists 3 <i>MDSC1102 & MDSC2000</i>	HMRE-MJ Option Topic	Year 3 Option Topic
	Semester 2	HMRE-MJ Topic MDSC3102 (9 units) Professional Placement Medical Science <i>^MDSC3000</i>		HMRE-MJ Option Topic	Year 3 Option Topic	

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



Medicine &
Public Health

2026	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>	PSYC1108 The Psychology of Surviving and Thriving	Year 1 Option Topic	Year 2 Option Topic
2027	Semester 1	BIOL2771 Biochemistry <i>BIOL1102 & CHEM1010</i>	MMED2931 Human Physiology <i>36 units completed or MMED1005 *assumed knowledge</i>	HPNA-MJ Topic MMED2933 Fundamental Neuroscience	HPNA-MJ Topic MMED3932 Body Systems <i>^MMED2931</i>	Year 2 Option Topic
	Semester 2	MDSC2000 Skills for Medical Scientists 2 <i>18 units completed & *assumed knowledge</i>	HPNA-MJ Topic MMED2932 Integrative Human Physiology <i>MMED2931</i>	HPNA-MJ Topic MMED3941 Human Musculoskeletal Anatomy <i>MMED2931 & MMED3932</i>	HPNA-MJ Topic MMED3931 Advanced Neuroscience <i>MMED2933</i>	HPNA-MJ Topic
2028	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 MMED3937 Pathophysiology for Medical Science <i>^MMED2931</i>	Year 3 Option Topic	Year 3 Option Topic
	Semester 2					

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



Medicine &
Public Health

2026	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	PSYC1108 The Psychology of Surviving and Thriving	Year 1 Option Topic
2027	Semester 1	BIOL1102 Molecular Basis of Life	MDSC1102 Skills for Medical Scientists 1	MMED2931 Human Physiology <i>36 units completed or MMED1005</i> <i>*assumed knowledge</i>	HPNA-MJ Topic MMED2933 Fundamental Neuroscience	Year 2 Option Topic
	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>	HPNA-MJ Topic	Year 2 Option Topic
2028	Semester 1	BIOL2771 Biochemistry <i>BIOL1102 & CHEM1010</i>	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 (BMSA)
Major: Molecular Medicine (MOME-MJ)
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>	PSYC1108 The Psychology of Surviving and Thriving	Year 1 Option Topic	Year 2 Option Topic
Second Year	Semester 1	BIOL2771 Biochemistry <i>BIOL1102 & CHEM1010</i>	MMED2931 Human Physiology <i>36 units completed or MMED1005</i> <i>*assumed knowledge</i>	MOME-MJ Topic MMED2934 Introduction to Human Molecular Genetics <i>*assumed knowledge</i>	MOME-MJ Option Topic	Year 2 Option Topic
	Semester 2	MDSC2000 Skills for Medical Scientists 2 <i>18 units completed & *assumed knowledge</i>	MOME-MJ Topic BIOL2772 Molecular Biology <i>BIOL1102 & CHEM1201 or CHEM1010</i>	MOME-MJ Topic MMED3933 Biochemistry of Human Disease <i>BIOL2771</i>	MOME-MJ Topic MMED3936 Medicines: Bench to Bedside	MOME-MJ Topic MMED3938 Advanced Human Molecular Genetics <i>MMED2934</i>
Third Year	Semester 1	MDSC3000 Skills for Medical Scientists 3 <i>MDSC1102 & MDSC2000</i>	MOME-MJ Topic MMED3934 Principles of Pharmacology and Toxicology <i>MMED2931</i>	MOME-MJ Option Topic	Year 3 Option Topic	Year 3 Option Topic
	Semester 2					

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



Medicine &
Public Health

2026	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	PSYC1108 The Psychology of Surviving and Thriving	Year 1 Option Topic
2027	Semester 1	BIOL1102 Molecular Basis of Life	MDSC1102 Skills for Medical Scientists 1	MMED2931 Human Physiology <i>36 units completed or MMED1005</i> <i>*assumed knowledge</i>	MOME-MJ Topic MMED2934 Introduction to Human Molecular Genetics <i>*assumed knowledge</i>	MOME-MJ Option Topic
	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 BIOL2772 Molecular Biology <i>BIOL1102 & CHEM1201 or CHEM1010</i>	MOME-MJ Option Topic	Year 2 Option Topic
2028	Semester 1	BIOL2771 Biochemistry <i>BIOL1102 & CHEM1010</i>	MDSC3000 Skills for Medical Scientists 3 <i>MDSC1102 & MDSC2000</i>	MOME-MJ Topic MMED3934 Principles of Pharmacology and Toxicology <i>MMED2931</i>	MOME-MJ Option Topic	Year 3 Option Topic
	Semester 2	MOME-MJ Topic MMED3933 Biochemistry of Human Disease <i>BIOL2771</i>	MOME-MJ Topic MMED3936 Medicines: Bench to Bedside	MOME-MJ Topic MMED3938 Advanced Human Molecular Genetics <i>MMED2934</i>	Year 3 Option Topic	