

College of Medicine & Public Health

Bachelor of Medical Science (Honours) – 4 Years 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 <u>online</u>.
- 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 <u>courseadvice.MPH@flinders.edu.au</u> 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.
- n 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.
- Please follow the appropriate BMS study plan based on your chosen major and then refer to the Bachelor of Medical Science Honours Component (MEDS-HP) study plans on pages 11 & 12

2026 Bachelor of Medical Science (Honours) - 4 years 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
Medical Studies Major (MDST-MJ)	Commencing Semester 1 Commencing Semester 2
Molecular Medicine Major (MOME-MJ)	Commencing Semester 1 Commencing Semester 2
Bachelor of Medical Science Honours Component (MEDS-HP)	Commencing Semester 1 Commencing Semester 2

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



co.	Semester 1	BIOL1102 Molecular Basis of Life	CHEM1010* Chemistry 1A *assumed knowledge	MDSC1102 Skills for Medical Scientists 1	MMED1005 How your Body Works Human Physiology and Structure
2026	Semester 2	MMED1007 Histology: The Building Blocks of the Human Body MDSC1102, BIOL1102 or	MMED1008 How Your Cells Work: Fundamentals of Cell Biology BIOL1102	Year 1 Option Topic	Year 1 Option Topic
.7	Semester 1	BIOL2771 Biochemistry BIOL1102 & CHEM1010	MMED2931 Human Physiology 36 units completed or MMED1005 *assumed knowledge	HIID-MJ Topic BIOL2761 Virology BIOL1102	Year 2 Option/Minor Topic
2027	Semester 2	MDSC2000 Skills for Medical Scientists 2 18 units completed & *assumed knowledge	HIID-MJ Topic MMED2935 Human Immunology and Infectious Diseases BIOL1102 & CHEM1010	HIID-MJ Option Topic	Year 2 Option/Minor Topic
87	Semester 1	MDSC3000 Skills for Medical Scientists 3 MDSC1102 & MDSC2000	HIID-MJ Topic BIOL3761 Foundations in Microbiology BIOL1102 & CHEM1010	HIID-MJ Topic MMED3937 Pathophysiology for Medical Science ^MMED2931	HIID-MJ Topic MMED3942 Haematology and Transfusion Science MMED1007 & MMED2935
2028	Semester 2	HIID-MJ Topic MMED3939 Medical Virology, Immunology and Immunopathogenesis BIOL1102 & MMED2935 + 54 units completed	HIID-MJ Topic BIOL3782 Advanced Microbiology: Microbial Ecology and Infectious Disease BIOL3761	Year 3 Option/Minor Topic	Year 3 Option/Minor Topic

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



	Semester 1				
2026	Semester 2	MMED1007 Histology: The Building Blocks of the Human Body MDSC1102, BIOL1102 or	CHEM1010* Chemistry 1A *assumed knowledge	MMED1005 How your Body Works Human Physiology and Structure	Year 1 Option Topic
7	Semester 1	BIOL1102 Molecular Basis of Life	MDSC1102 Skills for Medical Scientists 1	Year 1 Option Topic	MMED2931 Human Physiology 36 completed units or MMED1005 *assumed knowledge
2027	Semester 2	MMED1008 How Your Cells Work: Fundamentals of Cell Biology BIOL1102	MDSC2000 Skills for Medical Scientists 2 18 units completed & *assumed knowledge	HIID-MJ Topic MMED2935 Human Immunology and Infectious Diseases BIOL1102 & CHEM1010	Year 2 Option/Minor Topic
	Semester 1	BIOL2771 Biochemistry BIOL1102 & CHEM1010	HIID-MJ Topic BIOL2761 Virology BIOL1102	Year 2 Option/Minor Topic	HIID-MJ Topic BIOL3761 Foundations in Microbiology BIOL1102 & CHEM1010
2028	Semester 2	HIID-MJ Topic MMED3939 Medical Virology, Immunology and Immunopathogenesis BIOL1102 & MMED2935 + 54 units completed	HIID-MJ Topic BIOL3782 Advanced Microbiology: Microbial Ecology and Infectious Disease BIOL3761	HIID-MJ Option Topic	Year 3 Option/Minor Topic
2029	Semester 1	MDSC3000 Skills for Medical Scientists 3 MDSC1102 & MDSC2000	HIID-MJ Topic MMED3937 Pathophysiology for Medical Science ^MMED2931	HIID-MJ Topic MMED3942 Haematology and Transfusion Science MMED1007 & MMED2935	Year 3 Option/Minor Topic
. 2	Semester 2				

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



	Semester 1	BIOL1102 Molecular Basis of Life	CHEM1010* Chemistry 1A *assumed knowledge	MDSC1102 Skills for Medical Scientists 1	MMED1005 How your Body Works Human Physiology and Structure
2026	Semester 2	MMED1007 Histology: The Building Blocks of the Human Body MDSC1102, BIOL1102 or MMED1005	MMED1008 How Your Cells Work: Fundamentals of Cell Biology BIOL1102	Year 1 Option Topic	Year 1 Option Topic
72	Semester 1	BIOL2771 Biochemistry BIOL1102 & CHEM1010	MMED2931 Human Physiology 36 units completed or MMED1005 *assumed knowledge	HMRE-MJ Topic MMED2934 Introduction to Human Molecular Genetics *assumed knowledge	HMRE-MJ Topic PHCA2507 Biostatistics 36 units completed
2027	Semester 2	MDSC2000 Skills for Medical Scientists 2 18 units completed & *assumed knowledge	HMRE-MJ Topic BIOL2772 Molecular Biology BIOL1102 & CHEM1010	HMRE-MJ Option Topic	Year 2 Option/Minor Topic
87	Semester 1	MDSC3000 Skills for Medical Scientists 3 MDSC1102 & MDSC2000	HMRE-MJ Option Topic	Year 3 Option/Minor Topic	Year 3 Option/Minor Topic
2028	Semester 2	HMRE-MJ Topic MDSC3102 (9 units) Professional Placement Med ^MDSC3000	ical Science	HMRE-MJ Option Topic	Year 3 Option/Minor Topic

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



56	Semester 1				
2026	Semester 2	MMED1007 Histology: The Building Blocks of the Human Body MDSC1102, BIOL1102 or ^MMED1005	CHEM1010* Chemistry 1A *assumed knowledge	MMED1005 How your Body Works Human Physiology and Structure	Year 1 Option Topic
27	Semester 1	BIOL1102 Molecular Basis of Life	MDSC1102 Skills for Medical Scientists 1	Year 1 Option Topic	MMED2931 Human Physiology 36 completed units or MMED1005 *assumed knowledge
2027	Semester 2	MMED1008 How Your Cells Work: Fundamentals of Cell Biology BIOL1102	MDSC2000 Skills for Medical Scientists 2 18 units completed & *assumed knowledge	HMRE-MJ Topic BIOL2772 Molecular Biology BIOL1102 & CHEM1010	HMRE-MJ Option Topic
28	Semester 1	BIOL2771 Biochemistry BIOL1102 & CHEM1010	HMRE-MJ Topic MMED2934 Introduction to Human Molecular Genetics *assumed knowledge	HMRE-MJ Topic PHCA2507 Biostatistics 36 units completed	Year 2 Option/Minor Topic
2028	Semester 2 Semester 1	Biochemistry	MMED2934 Introduction to Human Molecular Genetics	PHCA2507 Biostatistics	Year 2 Option/Minor Topic Year 3 Option/Minor Topic
2029 2028	2	Biochemistry BIOL1102 & CHEM1010	MMED2934 Introduction to Human Molecular Genetics *assumed knowledge	PHCA2507 Biostatistics 36 units completed Year 3 Option/Minor Topic	

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



56	Semester 1	BIOL1102 Molecular Basis of Life	CHEM1010* Chemistry 1A *assumed knowledge	MDSC1102 Skills for Medical Scientists 1	MMED1005 How your Body Works Human Physiology and Structure
2026	Semester 2	MMED1007 Histology: The Building Blocks of the Human Body MDSC1102, BIOL1102 or ^MMED1005	MMED1008 How Your Cells Work: Fundamentals of Cell Biology BIOL1102	Year 1 Option Topic	Year 1 Option Topic
72	Semester 1	BIOL2771 Biochemistry BIOL1102 & CHEM1010	MMED2931 Human Physiology 36 units completed or MMED1005 *assumed knowledge	HPNA-MJ Topic MMED2933 Fundamental Neuroscience	Year 2 Option/Minor Topic
2027	Semester 2	MDSC2000 Skills for Medical Scientists 2 18 units completed & *assumed knowledge	HPNA-MJ Topic MMED2932 Integrative Human Physiology MMED2931	HPNA-MJ Topic	Year 2 Option/Minor Topic
28	Semester 1	MDSC3000 Skills for Medical Scientists 3 MDSC1102 & MDSC2000	HPNA-MJ Topic MMED3930 Sensory Motor Systems MMED2933	HPNA-MJ Topic MMED3932 Body Systems MMED2931	HPNA-MJ Topic MMED3937 Pathophysiology for Medical Science ^MMED2931
202	Semester 2	HPNA-MJ Topic MMED3931 Advanced Neuroscience MMED2933	HPNA-MJ Topic MMED3941 Human Musculoskeletal Anatomy MMED2931 & MMED3932	Year 3 Option/Minor Topic	Year 3 Option/Minor Topic

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



56	Semester 1				
2026	Semester 2	MMED1007 Histology: The Building Blocks of the Human Body MDSC1102, BIOL1102 or AMMED1005	CHEM1010* Chemistry 1A *assumed knowledge	MMED1005 How your Body Works Human Physiology and Structure	Year 1 Option Topic
72	Semester 1	BIOL1102 Molecular Basis of Life	MDSC1102 Skills for Medical Scientists 1	Year 1 Option Topic	MMED2931 Human Physiology 36 completed units or MMED1005 *assumed knowledge
2027	Semester 2	MMED1008 How Your Cells Work: Fundamentals of Cell Biology BIOL1102	MDSC2000 Skills for Medical Scientists 2 18 units completed & *assumed knowledge	HPNA-MJ Topic MMED2932 Integrative Human Physiology MMED2931	Year 2 Option/Minor Topic
87	Semester 1	BIOL2771 Biochemistry BIOL1102 & CHEM1010	HPNA-MJ Topic MMED2933 Fundamental Neuroscience	HPNA-MJ Topic MMED3932 Body Systems MMED2931	HPNA-MJ Topic MMED3937 Pathophysiology for Medical Science ^MMED2931
2028	Semester 2	HPNA-MJ Topic MMED3941 Human Musculoskeletal Anatomy MMED2931 & MMED3932	HPNA-MJ Topic MMED3931 Advanced Neuroscience MMED2933	HPNA-MJ Topic	Year 2 Option/Minor Topic
	Semester 1	MDSC3000 Skills for Medical Scientists 3	HPNA-MJ Topic MMED3930 Sensory Motor Systems	Year 3 Option/Minor Topic	Year 3 Option/Minor Topic
2029	Seme	MDSC1102 & MDSC2000	MMED2933		

Bachelor of Medical Science (Honours) (BMSH) Major: Medical Studies (MDST-MJ) Commencing Semester 1 – Full Time Study Load



9	Semester 1	BIOL1102 Molecular Basis of Life	CHEM1010* Chemistry 1A *assumed knowledge	MDSC1102 Skills for Medical Scientists 1	MMED1005 How your Body Works Human Physiology and Structure
2026	Semester 2	MMED1007 Histology: The Building Blocks of the Human Body MDSC1102, BIOL1102 or	MMED1008 How Your Cells Work: Fundamentals of Cell Biology BIOL1102	Year 1 Option Topic	Year 1 Option Topic
72	Semester 1	BIOL2771 Biochemistry BIOL1102 & CHEM1010	MMED2931 Human Physiology 36 units completed or MMED1005 *assumed knowledge	Year 2 Option/Minor Topic	Year 2 Option/Minor Topic
2027	Semester 2	MDSC2000 Skills for Medical Scientists 2 18 units completed & *assumed knowledge	MDST-MJ Topic MMED2935 Human Immunology and Infectious Diseases BIOL1102 & CHEM1010	MDST-MJ Topic PHCA2513 Health Equity 36 units completed	MDST-MJ Option Topic
28	Semester 1	MDSC3000 Skills for Medical Scientists 3 MDSC1102 & MDSC2000	MDST-MJ Topic MMED3942 Haematology and Transfusion Science MMED1007 & MMED2935	MDST-MJ Option Topic	Year 3 Option/Minor Topic
2028	Semester 2	MDST-MJ Topic MMED3933 Biochemistry of Human Disease BIOL2771	MDST-MJ Topic MMED3936 Medicines: Bench to Bedside	MDST-MJ Option Topic	Year 3 Option/Minor Topic

Bachelor of Medical Science (Honours) (BMSH) Major: Medical Studies (MDST-MJ) Commencing Semester 2 – Full Time Study Load



9	Semester 1				
2026	Semester 2	MMED1007 Histology: The Building Blocks of the Human Body MDSC1102, BIOL1102 or ^MMED1005	CHEM1010* Chemistry 1A *assumed knowledge	MMED1005 How your Body Works Human Physiology and Structure	Year 1 Option Topic
72	Semester 1	BIOL1102 Molecular Basis of Life	MDSC1102 Skills for Medical Scientists 1	Year 1 Option Topic	MMED2931 Human Physiology 36 completed units or MMED1005 *assumed knowledge
2027	Semester 2	MMED1008 How Your Cells Work: Fundamentals of Cell Biology BIOL1102	MDSC2000 Skills for Medical Scientists 2 18 units completed & *assumed knowledge	MDST-MJ Topic MMED2935 Human Immunology and Infectious Diseases BIOL1102 & CHEM1010	MDST-MJ Option Topic
	7	BIOL2771 Biochemistry	MDST-MJ Option Topic	Year 2 Option/Minor Topic	Year 2 Option/Minor Topic
83	Semester 1	BIOL1102 & CHEM1010			
2028	Semester 2 Semester	MDST-MJ Topic PHCA2513 Health Equity 36 units completed	MDST-MJ Topic MMED3933 Biochemistry of Human Disease BIOL2771	MDST-MJ Topic MMED3936 Medicines: Bench to Bedside	Year 3 Option/Minor Topic
2029 2028	2	MDST-MJ Topic PHCA2513 Health Equity	MMED3933 Biochemistry of Human Disease	MMED3936 Medicines: Bench to	Year 3 Option/Minor Topic Year 3 Option/Minor Topic

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



co.	Semester 1	BIOL1102 Molecular Basis of Life	CHEM1010* Chemistry 1A *assumed knowledge	MDSC1102 Skills for Medical Scientists 1	MMED1005 How your Body Works Human Physiology and Structure
2026	Semester 2	MMED1007 Histology: The Building Blocks of the Human Body MDSC1102, BIOL1102 or ^MMED1005	MMED1008 How Your Cells Work: Fundamentals of Cell Biology BIOL1102	Year 1 Option Topic	Year 1 Option Topic
72	Semester 1	BIOL2771 Biochemistry BIOL1102 & CHEM1010	MMED2931 Human Physiology 36 completed units or MMED1005 *assumed knowledge	MOME-MJ Topic MMED2934 Introduction to Human Molecular Genetics *assumed knowledge	Year 2 Option/Minor Topic
2027	Semester 2	MDSC2000 Skills for Medical Scientists 2 18 units completed & *assumed knowledge	MOME-MJ Topic BIOL2772 Molecular Biology BIOL1102 & CHEM1201 or CHEM1010	MOME-MJ Topic MMED3933 Biochemistry of Human Disease BIOL2771	MOME-MJ Option Topic
128	Semester 1	MDSC3000 Skills for Medical Scientists 3 MDSC1102 & MDSC2000	MOME-MJ Topic MMED3934 Principles of Pharmacology and Toxicology MMED2931	MOME-MJ Option Topic	Year 2 Option/Minor Topic
202	Semester 2	MOME-MJ Topic MMED3936 Medicines: Bench to Bedside	MOME-MJ Topic MMED3938 Advanced Human Molecular Genetics MMED2934	Year 3 Option/Minor Topic	Year 3 Option/Minor Topic

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



97	Semester 1				
2026	Semester 2	MMED1007 Histology: The Building Blocks of the Human Body MDSC1102, BIOL1102 or ^MMED1005	CHEM1010* Chemistry 1A *assumed knowledge	MMED1005 How your Body Works Human Physiology and Structure	Year 1 Option Topic
72	Semester 1	BIOL1102 Molecular Basis of Life	MDSC1102 Skills for Medical Scientists 1	Year 1 Option Topic	MMED2931 Human Physiology 36 completed units or MMED1005 *assumed knowledge
2027	Semester 2	MMED1008 How Your Cells Work: Fundamentals of Cell Biology BIOL1102	MDSC2000 Skills for Medical Scientists 2 18 units completed & *assumed knowledge	MOME-MJ Topic BIOL2772 Molecular Biology BIOL1102 & CHEM1010	Year 2 Option/Minor Topic
	ter 1	BIOL2771 Biochemistry	MOME-MJ Topic MMED2934 Introduction to Human	Year 2 Option/Minor Topic	Year 3 Option/Minor Topic
83	Semester 1	BIOL1102 & CHEM1010	Molecular Genetics *assumed knowledge		
2028	Semester 2 Semes	MOME-MJ Topic MMED3936 Medicines: Bench to Bedside		MOME-MJ Topic MMED3933 Biochemistry of Human Disease BIOL2771	MOME-MJ Option Topic
2029 2028	2	MOME-MJ Topic MMED3936 Medicines: Bench to	*assumed knowledge MOME-MJ Topic MMED3938 Advanced Human Molecular Genetics	MMED3933 Biochemistry of Human Disease	MOME-MJ Option Topic Year 3 Option/Minor Topic



Component	Semester 1	MMED7004B Honours Program (18/36 units)
Honours G	Semester 2	MMED7004C Honours Program (18/36 units) MMED7004B

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

Honours Component	Semester 1	MMED7004D Honours Program (9/36 units)	
	Semester 2	MMED7004E Honours Program (9/36 units) MMED7004D	
	Semester 1	MMED7004G Honours Program (9/36 units) MMED7004E	
	Semester 2	MMED7004H Honours Program (9/36 units) MMED7004G	

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



Honours Component	S1	
	Semester 2	MMED7004B Honours Program (18/36 units)
	Semester 1	MMED7004C Honours Program (18/36 units) MMED7004B
	S2	

Bachelor of Medical Science (Honours) (BMSH) Honours Component (MEDS-HP) 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) MMED7004D	
	Semester 2	MMED7004G Honours Program (9/36 units) MMED7004E	
	Semester 1	MMED7004H Honours Program (9/36 units) MMED7004G	
	S2		