

2009 Course Summary Sheet

■ Bachelor of Applied Science (Medical Science) (LS37)

This document will assist you with the selection of your study program and completion of your enrolment. Other useful information can be found on the Student Services website studentservices.qut.com/, which can also be accessed via the Online Enrolment portlet.

Location: Gardens Point campus

Course Duration: 3 years full-time, 6 years part-time*

Total Credit Points: 300

Standard Credit Points/Full-time Semester: 48

Course Coordinator: Mr Robert Dow, Room Q709, Gardens Point campus
Phone: 07 3138 2559, Fax: 07 3138 1534, Email: r.dow@qut.edu.au

Special Course Requirements

1. **Work Experience Program:** Students are required to undertake a minimum six week work experience program in a practising pathology laboratory. This takes place at the end of the second year full-time and in a suitable vacation period during the part-time program. Proof of successful vaccination against Hepatitis B must be provided by students at the end of Semester 3 of the program as one of the requirements for the unit LSB480 Professional Practice.

2. **Blue Card:** A current Blue Card authorised with QUT is required prior to commencing the clinical placement components in this course. Please read the Blue Card information (<http://bluecard.qut.com>) and ensure that you allow adequate time for processing your application and issuing of the card in order to avoid clinical experience delays.

Continuing Students

Continuing students who are not undertaking a standard program of units as detailed below or who need to complete units from the first year of the course structure should consult the course coordinator for enrolment advice.

Important Note: Please ensure you select the correct teaching period, class and location code for all units you are enrolled in. All units in this course have a location of Gardens Point and a class of Internal.

Limits on grades of 3: A new policy concerning grades of 3 comes into effect from 1 January 2009 (QUT MOPP C/9.2). With effect from this date grades of 3 will no longer be considered a conceded or low pass but will be classified as a fail grade. Any grades of 3 awarded prior to 1 January 2009 will retain the conceded pass status and will be counted for graduation purposes up to the maximum number of grades of 3 permitted for your course. Grades of 3 incurred in units that commence after 1 January 2009 will not count towards your degree. The maximum number of pre-2009 grades of 3 permitted for this course can be found [here](#).

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Commencing Students: Full-time Course Structure

Unit Code	Unit Title	Credit Points	Contact Hrs/Wk	Location Code	Prerequisite(s)	Corequisite(s)
Year 1, Semester 1						
MAB141	Mathematics & Statistics for Medical Science	12	4	GP	Senior Maths B	
PCB150	Physics 1H	12	5	GP		
SCB112	Cellular Basis of Life	12	4	GP		
SCB113	Chemistry for Health and Medical Sciences	12	5	GP	Either SA in Senior Chemistry or PCB101	
Year 1, Semester 2						
LSB250	Human Physiology	12	5	GP	SCB112	LSB255
LSB255	Human Anatomy	12	5	GP	SCB112	LSB250
SCB122	Cell and Molecular Biology	12	4.5	GP	SCB112	SCB112 (for mid-year entry)
SCB131	Experimental Chemistry	12	4.5	GP	SCB113	
Year 2, Semester 1						
LQB383	Molecular and Cellular Regulation	12	4.5	GP	SCB122	
LQB386	Microbial Structure and Function	12	4.5	GP	SCB112, SCB113	
LSB325	Biochemistry	12	5	GP	SCB113	LQB383
LSB365	Pathology	12	5	GP	LSB250, LSB255	

* Students in the part-time program should be aware that they are required to attend during the day.

Commencing Students: Full-time Course Structure (*continued*)

Unit Code	Unit Title	Credit Points	Contact Hrs/Wk	Location Code	Prerequisite(s)	Corequisite(s)
Year 2, Semester 2						
LSB425	Quantitative Medical Science	12	5	GP	LQB383, LSB325, MAB141	
LSB435	Diagnostic Microbiology 1	12	5	GP	LQB386	
LSB438	Immunology 1	12	5	GP	LQB386, LSB250	
LSB465	Histopathology 1	12	5	GP	LSB255, LSB365, SCB113	
Year 2, Summer Semester						
LSB480	Professional Practice	12	Work Exp	Off Campus	LSB425, LSB435, LSB438, LSB465	
Year 3, Semester 1						
LSB525	Clinical Biochemistry 1	12	5	GP	LSB425	
LSB535	Microbial Immunology	12	5	GP	LSB435, LSB438	
LSB555	Haematology 1	12	5	GP	LSB325, LSB365, LSB465	
LSB565	Histopathology 2	12	5	GP	LSB255, LSB365, LSB465	
Year 3, Semester 2						
LSB625	Clinical Biochemistry 2	12	5	GP	LSB525	
LSB635	Diagnostic Microbiology 2	12	5	GP	LSB535	
LSB655	Haematology 2	12	5	GP	LSB555	
LSB665	Immunohaematology	12	5	GP	LSB535, LSB555, LSB565	

Commencing Students: Part-time Course Structure

Unit Code	Unit Title	Credit Points	Contact Hrs/Wk	Location Code	Prerequisite(s)	Corequisite(s)
Year 1, Semester 1						
SCB112	Cellular Basis of Life	12	5	GP		
SCB113	Chemistry for Health and Medical Sciences	12	4	GP	Either SA in Senior Chemistry or PCB101	
Year 1, Semester 2						
SCB122	Cell and Molecular Biology	12	4.5	GP	SCB112	SCB112 (for mid-year entry)
SCB131	Experimental Chemistry	12	4.5	GP	SCB113	
Year 2, Semester 1						
MAB141	Mathematics & Statistics for Medical Sciences	12	4	GP	Senior Maths B	
PCB150	Physics 1H	12	5	GP		
Year 2, Semester 2						
LSB250	Human Physiology	12	5	GP	SCB112	LSB255
LSB255	Human Anatomy	12	5	GP	SCB112	LSB250
Year 3, Semester 1						
LQB386	Microbial Structure and Function	12	4.5	GP	SCB112, SCB113	
LSB365	Pathology	12	5	GP	LSB250, LSB255	
Year 3, Semester 2						
LSB435	Diagnostic Microbiology 1	12	5	GP	LQB386	
LSB438	Immunology 1	12	5	GP	LQB386, LSB250	
Year 4, Semester 1						
LQB383	Molecular and Cellular Regulation	12	4.5	GP	SCB122	
LSB325	Biochemistry	12	5	GP	SCB113	LQB383
Year 4, Semester 2						
LSB425	Quantitative Medical Science	12	5	GP	LQB383, LSB325, MAB141	
LSB465	Histopathology 1	12	5	GP	LSB255, LSB365, SCB113	
Year 5, Semester 1						
LSB525	Clinical Biochemistry 1	12	5	GP	LSB425	
LSB535	Microbial Immunology	12	5	GP	LSB435, LSB438	
Year 5, Semester 2						
LSB625	Clinical Biochemistry 2	12	5	GP	LSB525	
LSB635	Diagnostic Microbiology 2	12	5	GP	LSB535	
Year 5, Summer Semester						
LSB480	Professional Practice	12	Work	Off	LSB425, LSB435,	

Unit Code	Unit Title	Credit Points	Contact Hrs/Wk	Location Code	Prerequisite(s)	Corequisite(s)
			Exp	Campus	LSB438, LSB465	

Commencing Students: Part-time Course Structure (continued)

Unit Code	Unit Title	Credit Points	Contact Hrs/Wk	Location Code	Prerequisite(s)	Corequisite(s)
Year 6, Semester 1						
LSB555	Haematology 1	12	5	GP	LSB325, LSB365, LSB465	
LSB565	Histopathology 2	12	5	GP	LSB255, LSB365, LSB465	
Year 6, Semester 2						
LSB655	Haematology 2	12	5	GP	LSB555	
LSB665	Immunohaematology	12	5	GP	LSB535, LSB555, LSB565	

Continuing Students: Full-time Course Structure (for students who commenced prior to 2009)

Unit Code	Unit Title	Credit Points	Contact Hrs/Wk	Location Code	Prerequisite(s)	Corequisite(s)
Year 1, Semester 1						
SCB112	Cellular Basis of Life	12	4	GP		
MAB141	Mathematics & Statistics for Medical Science	12	4	GP	Senior Maths B	
SCB113	Chemistry for Health and Medical Sciences	12	5	GP	Either SA in Senior Chemistry or PCB101	
PCB150	Physics 1H	12	5	GP		
Year 1, Semester 2						
SCB122	Cell and Molecular Biology	12	5	GP	SCB112 or LSB118	
LSB250	Human Physiology	12	5	GP	SCB112 or LSB118	LSB255
LSB255	Human Anatomy	12	5	GP	SCB112 or LSB118	LSB250
SCB131	Experimental Chemistry	12	6	GP	SCB113 or PCB142	
Year 2, Semester 1						
LQB383	Molecular and Cellular Regulation	12	4.5	GP	SCB122 or LSB238	
LQB386	Microbial Structure and Function	12	4.5	GP	SCB112 or LSB118, SCB113 or PCB142	
LSB325	Biochemistry	12	5	GP	PCB242 or SCB 131	
LSB365	Pathology	12	5	GP	LSB250, LSB255	
Year 2, Semester 2						
LSB425	Quantitative Medical Science	12	5	GP	LSB325, LSB338 or LQB383, MAB141	
LSB435	Diagnostic Microbiology 1	12	5	GP	LSB328 or LQB386	
LSB438	Immunology 1	12	5	GP	LSB250, LSB328 or LQB386	
LSB465	Histopathology 1	12	5	GP	LSB255, LSB365, PCB242 or SCB131	
Year 2, Summer Semester						
LSB480	Professional Practice	12	Work Exp	Off Campus	LSB425, LSB435, LSB438, LSB465	
Year 3, Semester 1						
LSB525	Clinical Biochemistry 1	12	5	GP	LSB425	
LSB535	Microbial Immunology	12	5	GP	LSB435, LSB438	
LSB555	Haematology 1	12	5	GP	LSB325, LSB365, LSB465	
LSB565	Histopathology 2	12	5	GP	LSB255, LSB365, LSB465	
Year 3, Semester 2						
LSB625	Clinical Biochemistry 2	12	5	GP	LSB525	
LSB635	Diagnostic Microbiology 2	12	5	GP	LSB535	
LSB655	Haematology 2	12	5	GP	LSB555	
LSB665	Immunohaematology	12	5	GP	LSB535, LSB555, LSB565	

Continuing Students: Part-time Course Structure

Unit Code	Unit Title	Credit Points	Contact Hrs/Wk	Location Code	Prerequisite(s)	Corequisite(s)
Year 1, Semester 1						
SCB112	Cellular Basis of Life	12	4	GP		
MAB141	Mathematics & Statistics for Medical Science	12	4	GP	Senior Maths B	
Year 1, Semester 2						
SCB122	Cell and Molecular Biology	12	5	GP	SCB112 or LSB118	
SCB113	Chemistry for Health and Medical Sciences	12	5	GP	Either SA in Senior Chemistry or PCB101	
Year 2, Semester 1						
PCB150	Physics 1H	12	5	GP		
SCB131	Experimental Chemistry	12	6	GP	SCB113 or PCB142	
Year 2, Semester 2						
LSB250	Human Physiology	12	5	GP	SCB112 or LSB118	LSB255
LSB255	Human Anatomy	12	5	GP	SCB112 or LSB118	LSB250
Year 3, Semester 1						
LQB386	Microbial Structure and Function	12	4.5	GP	SCB112 or LSB112, SCB113 or PCB142	
LSB325	Biochemistry	12	5	GP	PCB242 or SCB131	
Year 3, Semester 2						
LSB438	Immunology 1	12	5	GP	LQB386, LSB250	
LSB435	Diagnostic Microbiology 1	12	5	GP	LSB328 or LQB386	
Year 4, Semester 1						
LQB383	Molecular and Cellular Regulation	12	4.5	GP	SCB122 or LSB238	
LSB365	Pathology	12	5	GP	LSB250, LSB255	
Year 4, Semester 2						
LSB425	Quantitative Medical Science	12	5	GP	LSB325, LSB338 or LQB383, MAB141	
LSB465	Histopathology 1	12	5	GP	LSB255, LSB365, PCB242 or SCB131	
Year 5, Semester 1						
LSB525	Clinical Biochemistry 1	12	5	GP	LSB425	
LSB535	Microbial Immunology	12	5	GP	LSB435, LSB438	
Year 5, Semester 2						
LSB625	Clinical Biochemistry 2	12	5	GP	LSB525	
LSB635	Diagnostic Microbiology 2	12	5	GP	LSB535	
Year 5, Summer Semester						
LSB480	Professional Practice	12	Work Exp	Off Campus	LSB425, LSB435, LSB438, LSB465	
Year 6, Semester 1						
LSB555	Haematology 1	12	5	GP	LSB325, LSB365, LSB465	
LSB565	Histopathology 2	12	5	GP	LSB255, LSB365, LSB465	
Year 6, Semester 2						
LSB655	Haematology 2	12	5	GP	LSB555	
LSB665	Immunohaematology	12	5	GP	LSB535, LSB555, LSB565	