

2009 Course Summary Sheet

■ Bachelor of Biotechnology Innovation (LS50)

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: 4 years full-time, 8 years part-time

Total Credit Points: 384

Standard Credit Points/Full-time Semester: 48 (average)

Course Coordinator: Associate Professor Chris Collet, Room Q428, Gardens Point campus
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Special Note for Continuing Students: Students who have elected to undertake summer program studies must consult the course coordinator for further 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 (for students who commence in 2009)

Unit Code	Unit Title	Credit Points	Contact Hrs/Wk	Location Code	Prerequisite(s)	Corequisite(s)
Year 1, Semester 1 (2009)						
BSB115	Management	12	3	GP		
MAB101	Statistical Data Analysis 1	12	4	GP	Senior Maths B	
SCB111	Chemistry 1	12	4.5	GP		
SCB112	Cellular Basis of Life	12	4	GP		
Year 1, Semester 2 (2009)						
BSB126	Marketing	12	4	GP		
LSB258	Principles of Human Physiology	12	5	GP	SCB112	
SCB121	Chemistry 2	12	4.5	GP		<i>(Incompatible with: PCB242)</i>
SCB122	Cell and Molecular Biology	12	4.5	GP	SCB112	SCB112 (for mid-year entry) <i>(Incompatible with: LSB238)</i>
Year 2, Semester 1 (2010)						
AMB240	Marketing Planning and Management	12	3	CB, GP	BSB126 or CTB126	<i>(Incompatible with: MIB217 or CTB240)</i>
LQB383	Molecular and Cellular Regulation	12	4	GP	SCB122	
LQB386	Microbial Structure and Function	12	4	GP	SCB112, SCB121	
LSB325	Biochemistry	12	4	GP	SCB121	LSB338 <i>(Incompatible with: LSB275, LSB308, LSB408)</i>
Year 2, Semester 2 (2010)						
LQB483	Molecular Biology Techniques	12	4	GP	SCB122	
LQB484	Introduction to Genomics and Bioinformatics	12	4	GP	LQB383	
LQB489	Plant Physiology and Cell Biology	12	4	GP	SCB120	
MGB223	Entrepreneurship and Innovation	12	3	CB,GP	BSB115 or CTB115	<i>(Incompatible with: CTB223)</i>

Commencing Students: Full-Time Course Structure (for students who commence in 2009) (Continued)

Unit Code	Unit Title	Credit Points	Contact Hrs/Wk	Location Code	Prerequisite(s)	Corequisite(s)
Year 3, Semester 1 (2011)						
LQB582	Biomedical Research Technologies	12	4	GP	LQB381	
LQB583	Genetic Research Technologies	12	4	GP	LQB483	
LWS007	Introduction to Intellectual Property Law	12	4	GP		<i>Incompatible with LSB309</i>
MGB324	Managing Business Growth	12	3	GP	MGB223	<i>(Incompatible with: MGB218)</i>
Year 3, Semester 2 (2011)						
BSB311	Research, Development and Commercialisation Strategies	12	3	GP	BSB310	
LQB682	Protein Biochemistry and Bioengineering	12	4	GP	LQB381, LSB483	
LQB686	Microbial Technology and Immunology	12	4	GP	LQB386, LQB483	
MGB200	Leading Organisations	12	3	GP	BSB115 or CTB115	<i>(Incompatible with: MGB211, CTB211, MGB222, CTB232)</i>
Year 4, Semester 1 (2012)						
LQB584	Medical Cell Biology	12	4	GP	LQB383	<i>(Incompatible with LSB449, LSB503)</i>
LQB585	Plant Genetic Manipulation	12	4	GP	LQB483	
LSB709-1	Biotechnology Research Project	12	4	GP		
MGB225	Intercultural Communication and Negotiation Skills	12	3	GP	BSB115 or CTB115 or BSB124	<i>(Incompatible with: IBB205)</i>
Year 4, Semester 2 (2012)						
LSB709-2	Biotechnology Research Project	12	4	GP		
LSB709-3	Biotechnology Research Project	12	4	GP		
<i>Plus any two of the following three units:</i>						
LQB684	Medical Biotechnology	12	4	GP	LQB584	<i>(Incompatible with: LSB609)</i>
LQB685	Plant Microbe Interactions	12	4	GP	LQB483	
MGB309	Strategic Management	12	3	GP	MGB200 or MGB211 or CTB211 or MGB222 or CTB232	<i>(Incompatible with: MIB314, CTB309)</i>

Commencing Students: Part-time Course Structure (for students who commence in 2009)

Unit Code	Unit Title	Credit Points	Contact Hrs/Wk	Location Code	Prerequisite(s)	Corequisite(s)
Year 1, Semester 1						
MAB101	Statistical Data Analysis 1	12	4	GP	Senior Maths B	
SCB112	Cellular Basis of Life	12	4	GP		
Year 1, Semester 2						
LSB258	Principles of Human Physiology	12	4	GP	SCB112	
SCB122	Cell and Molecular Biology	12	4.5	GP	SCB112	SCB112 (for mid-year entry) (Incompatible with: LSB238)
Year 2, Semester 1						
BSB115	Management	12	3	GP		
SCB111	Chemistry 1	12	4.5	GP		
Year 2, Semester 2						
BSB126	Marketing	12	4	GP		
SCB121	Chemistry 2	12	4	GP		
Year 3, Semester 1						
LQB383	Molecular and Cellular Regulation	12	4	GP	SCB122	
LSB325	Biochemistry	12	4	GP	SCB121	
Year 3, Semester 2						
LQB483	Molecular Biology Techniques	12	4	GP	SCB122	
LQB484	Introduction to Genomics and Bioinformatics	12	4	GP	LQB383	
Year 4, Semester 1						
AMB240	Marketing Planning and Management	12	3	GP	BSB126 or CTB126	
LQB386	Microbial Structure and Function	12	4	GP	SCB112, SCB121	
Year 4, Semester 2						
LQB489	Plant Physiology and Cell Biology	12	4	GP	LQB383	
MGB223	Entrepreneurship and Innovation	12	3	GP	BSB115 or CTB115	
Year 5, Semester 1						
LQB582	Biomedical Research Technologies	12	4	GP	LQB381 or LSB325	
MGB324	Managing Business Growth	12	3	GP	MGB223	Incompatible with: MGB218
Year 5, Semester 2						
BSB311	Research, Development & Commercialisation Strategies	12	3	GP	MGB324	
LQB682	Protein Biochemistry & Bioengineering	12	4	GP	LSB325	
Year 6, Semester 1						
LQB583	Genetic Research Technologies	12	4	GP	LQB483	
LWS007	Introduction to Intellectual Property Law	12	4	GP		
Year 6, Semester 2						
LQB686	Microbial Technology and Immunology	12	4	GP	LQB386, LQB483	
MGB200	Leading Organisations	12	3	GP	BSB115 or CTB115	

Commencing Students: Part-time Course Structure (for students who commence in 2009) (Continued)

Unit Code	Unit Title	Credit Points	Contact Hrs/Wk	Location Code	Prerequisite(s)	Corequisite(s)
Year 7, Semester 1						
LQB584	Medical Cell Biology	12	4	GP	LQB383	
LQB585	Plant Genetic Manipulation	12	4	GP	LQB483	
Year 7, Semester 2						
Two of the following:						
LQB684	Medical Biotechnology	12	4	GP	LQB584	
LQB685	Plant Microbe Interactions	12	4	GP	LQB483	
MGB309	Strategic Management	12	4	GP	MGB200	
Year 8, Semester 1						
LSB709-1	Biotechnology Research Project	12	4	GP		
MGB225	Intercultural Communication and Negotiation Skills	12	3	GP	BSB115 or CTB115	<i>(Incompatible with IBB205)</i>
Year 8, Semester 2						
LSB709-2	Biotechnology Research Project	12	4	GP		
LSB709-3	Biotechnology Research Project	12	4	GP		

Continuing Students: Full-time Course Structure (for students who commenced in 2008)

Unit Code	Unit Title	Credit Points	Contact Hrs/Wk	Location Code	Prerequisite(s)	Corequisite(s)
Year 1, Semester 1 (2008)						
BSB110	Accounting	12	3	GP		<i>(Incompatible with: BSD110, CTB110)</i>
MAB101	Statistical Data Analysis 1	12	4	GP	Senior Maths B	
SCB111	Chemistry 1	12	4.5	GP		
SCB112	Cellular Basis of Life	12	4	GP		
Year 1, Semester 2 (2008)						
BSB115	Management, People and Organisations	12	3	GP		
LSB258	Principles of Human Physiology	12	4	GP	LSB118	LSB238 <i>(Incompatible with LSB142, LSB182)</i>
SCB121	Chemistry 2	12	4.5	GP		<i>(Incompatible with: PCB242)</i>
SCB122	Cell and Molecular Biology	12	4.5	GP	SCB112	SCB112 (for mid-year entry) <i>(Incompatible with: LSB238)</i>
Year 2, Semester 1 (2009)						
BSB126	Marketing	12	4	GP		
LQB383	Cell and Molecular Regulation	12	4	GP	SCB122	
LQB386	Microbial Structure and Function	12	4	GP	SCB112, SCB121	
LSB325	Biochemistry	12	4	GP	SCB121	LSB338 <i>(Incompatible with: LSB275, LSB308, LSB408)</i>
Year 2, Semester 2 (2009)						
LQB483	Molecular Biology Techniques	12	4	GP	SCB122	
LQB484	Introduction to Genomics and Bioinformatics	12	4	GP	LSB383	
LQB489	Plant Physiology and Cell Biology	12	4	GP	SCB120	
MGB223	Entrepreneurship and Innovation	12	3	CB,GP	BSB115 or CTB115	<i>(Incompatible with: CTB223)</i>
Year 3, Semester 1 (2010)						
LQB582	Biomedical Research Technologies	12	4	GP	LQB381	
LQB583	Genetic Research Technologies	12	4	GP	LQB483	
LWS007	Introduction to Intellectual Property Law	12	4	GP		
MGB324	Managing Business Growth	12	3	GP	MGB223	<i>(Incompatible with: MGB218)</i>
Year 3, Semester 2 (2010)						
BSB311	Research, Development Commercialisation Strategies	12	3	GP	BSB310	
LQB682	Protein Biochemistry and Bioengineering	12	4	GP	LQB381, LSB483	
LQB686	Microbial Technology and Immunology	12	4	GP	LQB381, LSB483	
MGB200	Leading Organisations	12	3	GP	BSB115 or CTB115	<i>(Incompatible with: MGB211, MGB222, CTB232)</i>
Year 4, Semester 1 (2011)						
LQB584	Medical Cell Biology	12	4	GP	LQB383	<i>(Incompatible with LSB449, LSB503)</i>
LQB585	Plant Genetic Manipulation	12	4	GP	LQB483	
LSB709-1	Biotechnology Research Project	12	4	GP		
MGB225	Intercultural Communication and Negotiation Skills	12	3	GP	BSB115 or CTB115 or BSB124	<i>(Incompatible with: IBB205)</i>

Continuing Students: Full-time Course Structure (for students who commenced in 2008) (Continued)

Unit Code	Unit Title	Credit Points	Contact Hrs/Wk	Location Code	Prerequisite(s)	Corequisite(s)
Year 4, Semester 2 (2011)						
LSB709-2	Biotechnology Research Project	12	4	GP		
LSB709-3	Biotechnology Research Project	12	4	GP		
<i>Plus any two of the following units:</i>						
LQB684	Medical Biotechnology	12	4	GP	LQB584	<i>(Incompatible with: LSB609)</i>
LQB685	Plant Microbe Interactions	12	4	GP	LQB483	
MGB309	Strategic Management	12	3	GP	MGB200 or MGB211 or CTB211 or MGB222 or CTB232	<i>(Incompatible with: MIB314, CTB309)</i>

Continuing Students: Full-time Course Structure (for students who commenced in 2007)

Unit Code	Unit Title	Credit Points	Contact Hrs/Wk	Location Code	Prerequisite(s)	Corequisite(s)
Year 1, Semester 1 (2007)						
BSB110	Accounting	12	3	GP		
LSB118	Life Science	12	4	GP		
MAB101	Statistical Data Analysis 1	12	4	GP	Senior Maths B	
PCB142	Chemistry 1	12	5	GP		
Year 1, Semester 2 (2007)						
BSB115	Management, People and Organisations	12	3	GP		<i>(Incompatible with: BSB11, CTB115)</i>
LSB238	Cell and Molecular Biology 1	12	4	GP	LSB118, LSB119	
LSB258	Principles of Human Physiology	12	4	GP	LSB118	LSB238
PCB242	Chemistry 2	12	6	GP	PCB140 or PCB142	PCB142
Year 2, Semester 1 (2008)						
BSB113	Economics	12	3	GP		<i>(Incompatible with: CTB113, BSD113)</i>
LSB325	Biochemistry	12	4	GP	PCB242	LSB338 <i>(Incompatible with: LSB275, LSB308, LSB408)</i>
LSB338	Cell and Molecular Biology 2	12	4	GP	LSB238	
LSB397	Plant Physiology	12	4	GP	NRB270	
Year 2, Semester 2 (2008)						
BSB126	Marketing	12	4	GP		<i>(Incompatible with: BSB116, CTB126)</i>
LSB468	Molecular Biology	12	5	GP	LSB238	
LSB469	Introduction to Genomics and Bioinformatics	12	4	GP	LSB338	
LSB497	Plant Molecular Biology	12	4	GP	LSB338	LSB468
Year 3, Semester 1 (2009)						
LQB386	Microbial Structure and Function	12	4	GP	SCB112, SCB121	
LSB503	Medical Cell Biology	12	4	GP	LSB338	
LSB577	Plant Biotechnology 1	12	4	GP	LSB468	
LWS007	Introduction to Intellectual Property Law	12	4	GP		
Year 3, Semester 2 (2009)						
AMB251	Innovation and Market Development	12	3	GP	BSB126 or BSB116	<i>(Incompatible with: MIB227)</i>
LSB609	Medical Biotechnology 2	12	5	GP	LSB449	
LSB677	Plant Biotechnology 2	12	4	GP	LSB577	
MGB223	Entrepreneurship and Innovation	12	3	GP		<i>(Incompatible with: CTB223)</i>
Year 4, Semester 1 (2010)						
LQB582	Biomedical Research Technologies	12	4	GP	LQB381	
LSB409	Readings in Biotechnology	12	4	GP	LSB338	
LSB709-1	Biotechnology Research Project	12	4	GP		
MGB324	Managing Business Growth	12	3	GP	MGB223	<i>(Incompatible with: MGB218)</i>
Year 4, Semester 2 (2010)						
BSB311	Research Development and Commercialisation Strategies	12	3	GP	BSB310	
LSB682	Protein Biochemistry and Bioengineering	12	5	GP	LSB325	
LSB709-2	Biotechnology Research Project	12	4	GP		
LSB709-3	Biotechnology Research Project	12	4	GP		

Continuing Students: Full-time Course Structure (for students who commenced in 2006)

Unit Code	Unit Title	Credit Points	Contact Hrs/Wk	Location Code	Prerequisite(s)	Corequisite(s)
Year 1, Semester 1 (2006)						
BSB110	Accounting	12	3	GP		
LSB118	Life Science	12	4	GP		
MAB101	Statistical Data Analysis 1	12	4	GP	Senior Maths B	
PCB142	Chemistry 1	12	5	GP		
Year 1, Semester 2 (2006)						
BSB115	Management, People and Organisations	12	3	GP		<i>(Incompatible with: BSB11, CTB115)</i>
LSB238	Cell and Molecular Biology 1	12	4	GP	LSB118, LSB119	
LSB258	Principles of Human Physiology	12	4	GP	LSB118	LSB238
PCB242	Chemistry 2	12	6	GP	PCB140 or PCB142	PCB142
Year 2, Semester 1 (2007)						
BSB113	Economics	12	3	GP		<i>(Incompatible with: CTB113, BSD113)</i>
LSB325	Biochemistry	12	4	GP	PCB242	LSB338 <i>(Incompatible with: LSB275, LSB308, LSB408)</i>
LSB338	Cell and Molecular Biology 2	12	4	GP	LSB238	
LSB397	Plant Physiology	12	4	GP	NRB270	
Year 2, Semester 2 (2007)						
BSB126	Marketing	12	4	GP		<i>(Incompatible with: BSB116, CTB126)</i>
LSB468	Molecular Biology	12	5	GP	LSB238	
LSB469	Introduction to Genomics and Bioinformatics	12	4	GP	LSB338	
LSB497	Plant Molecular Biology	12	4	GP	LSB338	LSB468
Year 3, Semester 1 (2008)						
LSB309	Introduction to Intellectual Property Law	12	4	GP		
LSB328	Microbiology 1	12	4	GP	LSB118, PCB242	
LSB503	Medical Cell Biology	12	4	GP	LSB338	
LSB577	Plant Biotechnology 1	12	4	GP	LSB468	LSB537
Year 3, Semester 2 (2008)						
AMB251	Innovation and Market Development	12	3	GP	BSB126 or BSB116	<i>(Incompatible with: MIB227)</i>
LSB609	Medical Biotechnology 2	12	5	GP	LSB449	
LSB677	Plant Biotechnology 2	12	4	GP	LSB577	
MGB324	Managing Business Growth	12	3	GP		
Year 4, Semester 1 (2009)						
LSB409	Readings in Biotechnology	12	4	GP	LSB338	
LSB527	Biomedical Research Technologies	12	5	GP	LSB308	
LSB709-1	Biotechnology Research Project	12	4	GP		
MGB223	Entrepreneurship and Innovation	12	3	GP	BSB115 or CTB115	<i>(Incompatible with: CTB223)</i>
Year 4, Semester 2 (2009)						
BSB311	Research Development and Commercialisation Strategies	12	3	GP	BSB310	
LSB605	Protein Engineering and Bioprocessing	12	4	GP	LSB468	
LSB709-2	Biotechnology Research Project	12	4	GP		
LSB709-3	Biotechnology Research Project	12	4	GP		