2009 Course Summary Sheet

■ Bachelor of Applied Science (Medical Radiation Technology) (PH38)

with majors in Medical Imaging Technology and Radiotherapy Technology

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

Total Credit Points: 288

Standard Credit Points/Full-time Semester: 48

Course Duration: 3 years full-time

Course Coordinator: Associate Professor Pam Rowntree, Phone 07 3138 2346, Fax 07 3138 1521, Room Q416 Gardens Point, Email: p.rowntree@qut.edu.au

Strand Coordinators:

Medical Imaging Technology Major: Mrs Debbie Starkey, Phone 07 3138 2596, Fax 07 3138 1521, Room Q413 Gardens Point, Email: d.starkey@qut.edu.au

Radiotherapy Technology Major: See Course Coordinator

Special Course Requirements:

1. ***Clinical Experience****:* Students are required to undertake clinical experience in hospital departments and private practices during the course and, as a result, will have direct patient contact during their clinical placement, and may be exposed to blood and body fluids of patients. Students must be vaccinated for Hepatitis B and must provide a post-vaccination pathological report or similar certification showing proof of immunity, prior to undertaking their first clinical placement. CPR certification is also required to undertake clinical placements.

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.

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.

Continuing Students go to Page 3

Commencing Students:

Commencing students have been pre-enrolled in their units for the year. Students are required to accept their enrolment in these units via the on-line enrolment function in QUT Virtual. Students not undertaking one or more of these units must reject the unit(s) in question and nominate alternative units accordingly.

		Credit Points	Contact Hrs/Wk	Prerequisite(s)	Corequisite(s)
Year 1, Semester 1					
COMMON UNITS					
LSB145	Anatomy 1	12	4		
PCB007	Patient Care in Professional Practice	12	4		
PCB178	Principles of Medical Radiations	12	5		
PCB272	Radiation Physics	12	4		

Commencing Students: *(continued)*

Year 1, Semester 2		Credit Points	Contact Hrs/Wk	Prerequisite(s)	Corequisite(s)
COMMON UNITS					
LSB245	Anatomy 2 & Introductory Pathology	12	5	LSB145	PCB276(MIT), PCB287(RT)
PCB675	Radiation Safety and Biology	12	5		
MEDICAL IMAGING TECHNOLOGY MAJOR					
PCB276	General Radiography 1	12	4	LSB145, PCB178	LSB245, PCB277
PCB277	Radiographic Practice	12	5	PCB007	PCB276
RADIOTHERAPY TECHNOLOGY MAJOR					
PCB286	Treatment Planning 1	12	6	PCB178	
PCB287	Megavoltage Therapy 1	12	4	PCB007, PCB178	LSB245
Year 2, Semester 1					
COMMON UNITS					
LSB321	Systematic Pathology	12	3	LSB245	
LSB345	Regional and Imaging Anatomy 1	12	4	LSB245	
MEDICAL IMAGING TECHNOLOGY MAJOR					
PCB375-1	Radiographic Equipment	6	2	PCB272	
PCB377	General Radiography 2	12	5	PCB276, PCB277	PCB379
PCB379	Clinical Radiography 1	6		PCB277	PCB377
RADIOTHERAPY TECHNOLOGY MAJOR					
PCB389	Clinical Radiotherapy 1	6		LSB245, PCB287	
PCB396	Radiotherapy Planning and Physics	12	5	LSB245, PCB272, PCB286	PCB397-1
PCB397-1	Megavoltage Therapy 2	6	5	LSB345, PCB287	
Year 2, Semester 2					
COMMON UNITS					
LSB445	Regional and Imaging Anatomy 2	12	4	LSB245	
MEDICAL IMAGING TECHNOLOGY MAJOR					
PCB375-2	Radiographic Equipment	6	2	PCB375-1	
PCB476	Special Procedures	12	5	PCB377, PCB379	
PCB477	Complementary Imaging Techniques	12	4	PCB178	
PCB479	Clinical Radiography 2	6		PCB379	PCB476
RADIOTHERAPY TECHNOLOGY MAJOR					
PCB397-2	Megavoltage Therapy 2	6	4	PCB397-1	
PCB489	Clinical Radiotherapy 2	6		PCB389	
PCB495	Computer Assisted Treatment Planning 1	12	4	LSB345, PCB396	PCB397-2
PCB496	Radiotherapy Equipment	12	4	PCB272	
Year 3, Semester 1					
COMMON UNITS					
PCB593	Digital Image Processing	12	3	PCB375 ***or*** PCB496	
PCB672-1	Project	6			
MEDICAL IMAGING TECHNOLOGY MAJOR					
PCB567	Advanced Radiographic Technique 1	12	5	LSB321, PCB476, PCB479	PCB580-1
PCB580-1	Clinical Radiography 3	12		PCB479	PCB576
PCB681	Computed Tomography Imaging	12	4		
RADIOTHERAPY TECHNOLOGY MAJOR					
PCB587	Specialised Radiotherapy Technique 1	12	6	PCB397, PCB489	
PCB590-1	Clinical Radiotherapy 3	12		PCB489	
PCB595	Computer Assisted Treatment Planning 2	12	6	PCB495	

Commencing Students: *(continued)*

Year 3, Semester 2		Credit Points	Contact Hrs/Wk	Prerequisite(s)	Corequisite(s)
COMMON UNITS					
PCB672-2	Project	6		PCB672-1	
MEDICAL IMAGING TECHNOLOGY MAJOR					
PCB580-2	Clinical Radiography 3	12		PCB580-1	
PCB667	Advanced Radiographic Technique 2	12	4	PCB567, PCB580-1	PCB580-2
PCB682	Magnetic Resonance Imaging	12	3		
RADIOTHERAPY TECHNOLOGY MAJOR					
PCB590-2	Clinical Radiotherapy 3	12		PCB590-1	
PCB687	Specialised Radiotherapy Technique 2	12	6	PCB595	
PCB695	Advanced Treatment Planning Topics	12	4	PCB595	

Continuing Students (for students who commenced prior to 2009)

Year 1, Semester 1		Credit Points	Contact Hrs/Wk	Prerequisite(s)	Corequisite(s)
COMMON UNITS					
LSB145	Anatomy 1	12	4		
PCB007	Patient Care in Professional Practice	12	4		
PCB107	Physics & Quantitative Techniques	12	5		
PCB178	Principles of Medical Radiations	12	5		
Year 1, Semester 2					
COMMON UNITS					
LSB245	Anatomy 2 & Introductory Pathology	12	5	LSB145	PCB276(MIT), PCB287(RT)
PCB272	Radiation Physics	12	5	PCB107	
MEDICAL IMAGING TECHNOLOGY MAJOR					
PCB276	General Radiography 1	12	4	LSB145, PCB178	LSB245, PCB277
PCB277	Radiographic Practice	12	5	PCB007	PCB276
RADIOTHERAPY TECHNOLOGY MAJOR					
PCB286	Treatment Planning 1	12	6	PCB178	
PCB287	Megavoltage Therapy 1	12	4	PCB007, PCB178	LSB245
Year 2, Semester 1					
COMMON UNITS					
LSB321	Systematic Pathology	12	3	LSB245	
LSB345	Regional and Imaging Anatomy 1	12	4	LSB245	
MEDICAL IMAGING TECHNOLOGY MAJOR					
PCB375-1	Radiographic Equipment	6	2	PCB272	
PCB377	General Radiography 2	12	5	PCB276, PCB277	PCB379
PCB379	Clinical Radiography 1	6		PCB277	PCB377
RADIOTHERAPY TECHNOLOGY MAJOR					
PCB389	Clinical Radiotherapy 1	6		LSB245, PCB287	
PCB396	Radiotherapy Planning and Physics	12	5	LSB245, PCB272, PCB286	PCB397-1
PCB397-1	Megavoltage Therapy 2	6	5	LSB345, PCB287	

Continuing Students (for students who commenced prior to 2009) *(continued)*

		Credit Points	Contact Hrs/Wk	Prerequisite(s)	Corequisite(s)
Year 2, Semester 2					
COMMON UNITS					
LSB445	Regional and Imaging Anatomy 2	12	4	LSB245	
MEDICAL IMAGING TECHNOLOGY MAJOR					
PCB375-2	Radiographic Equipment	6	2	PCB375-1	
PCB476	Special Procedures	12	5	PCB377, PCB379	
PCB477	Complementary Imaging Techniques	12	4	PCB178	
PCB479	Clinical Radiography 2	6		PCB379	PCB476
RADIOTHERAPY TECHNOLOGY MAJOR					
PCB397-2	Megavoltage Therapy 2	6	4	PCB397-1	
PCB489	Clinical Radiotherapy 2	6		PCB389	
PCB495	Computer Assisted Treatment Planning 1	12	4	LSB345, PCB396	PCB397-2
PCB496	Radiotherapy Equipment	12	4	PCB272	
Year 3, Semester 1					
COMMON UNITS					
PCB593	Digital Image Processing	12	3	PCB375 ***or*** PCB496	
PCB672-1	Project	6			
MEDICAL IMAGING TECHNOLOGY MAJOR					
PCB567	Advanced Radiographic Technique 1	12	5	LSB321, PCB476, PCB479	PCB580-1
PCB580-1	Clinical Radiography 3	6		PCB479	PCB576
PCB681	Computed Tomography Imaging	12	4		
RADIOTHERAPY TECHNOLOGY MAJOR					
PCB587	Specialised Radiotherapy Technique 1	12	6	PCB397, PCB489	
PCB590-1	Clinical Radiotherapy 3	6		PCB489	
PCB595	Computer Assisted Treatment Planning 2	12	6	PCB495	
Year 3, Semester 2					
COMMON UNITS					
PCB672-2	Project	6		PCB672-1	
PCB675	Radiation Safety & Biology	12	5	PCB272	
MEDICAL IMAGING TECHNOLOGY MAJOR					
PCB580-2	Clinical Radiography 3	6		PCB580-1	
PCB667	Advanced Radiographic Technique 2	12	4	PCB567, PCB580-1	PCB580-2
PCB682	Magnetic Resonance Imaging	12	3		
RADIOTHERAPY TECHNOLOGY MAJOR					
PCB590-2	Clinical Radiotherapy 3	6		PCB590-1	
PCB687	Specialised Radiotherapy Technique 2	12	6	PCB595	
PCB695	Advanced Treatment Planning Topics	12	4	PCB595	