572RC Master of Medicine (Radiology)

Year and Campus:	2014 - Parkville
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Level:	Graduate/Postgraduate
Duration & Credit Points:	100 credit points taken over 36 months part time.
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Course Overview:	Master of Medicine (Radiology) comprises three years full-time supervised clinical training in a hospital-based Department of Radiology approved by The University of Melbourne. Training includes two years lecture and tutorial program and a revision program at the commencement of the third year. The Master of Medicine course runs parallel with training for the Fellowship of the Royal Australian and New Zealand College of Radiologists (FRANZCR). The FRANZCR Part I examination exempts trainees from Part I Master of Medicine. The Master of Medicine examination is conducted in the 3rd year of the program and provides invaluable preparation for the FRANZCR Part II examination. Candidates are required to select one area of the discipline for study in greater depth. A minor thesis of up to 15,000 words is to be prepared on a research project based on the selected discipline.
Learning Outcomes:	On completion of the course, students acquire a defined body of knowledge and procedural skills which will be used to perform diagnostic and therapeutic procedures and to make appropriate clinical decisions. The course endeavours to develop students' analytical and problem-solving skills necessary to function as effective diagnostic radiologists. Candidates are expected to adapt their cognitive and observation skills to enable accurate interpretation of the various medical imaging modalities employed in modern radiology. The course aims to ensure that the qualified radiologist will continue to keep up to date with new developments in imaging, and make learning, teaching and research a part of the professional career. Candidates will be able to collaborate effectively with other health professionals for the provision of optimal patient care, education and research. # develop analytical and problem solving skills necessary to function as an effective diagnostic radiologist; # develop finely tuned cognitive and observation skill required to enable accurate interpretation of the above modalities; # acquire a defined body of knowledge and procedural skills which will be used to perform diagnostic and therapeutic procedures and to make appropriate clinical decisions; # ensure that the qualified radiologist will continue to keep up to date with new developments in imaging and make learning, teaching and research a part of their professional career; # collaborate effectively with other health professionals for the provision of optimal patient care, education and research; # prioritise and effectively execute tasks through teamwork with colleagues; and # recognise the need for continued learning and to model this for others.
Course Structure & Available Subjects:	Candidates participate in clinical training under designated supervisors for a period of two and a half years. Training is undertaken in a range of medical imaging employing: radiography, angiography, ultrasound, computed tomography, magnetic resonance imaging and nuclear

medicine techniques. In the third year, students are examined on their clinical training and submit for examination a minor research project in the third year.

Subject Options:

Core Subjects

Students are required to enrol in RADI90004 in the first 4 semesters of the course and are required to enrol in RADI90003 in their final two semesters of the course.

Subject	Study Period Commencement:	Credit Points:
RADI90004 Radiology	Semester 1, Semester 2	16.66
RADI90003 Minor Thesis (Radiology)	Semester 1, Semester 2	17

Entry Requirements:

An approved MBBS degree or recognised equivalent of at least two years standing and not less than two years experience as a medical officer in a hospital affiliated to an appropriate university for the purpose of teaching; and successful completion of Part 1 or has been granted exemption from Part 1; and has been approved for admission by the faculty.

Applicants may be granted exemption from Part I of the examination for the degree of Master of Medicine if they have passed a comparable examination offered in a relevant discipline by an approved body. The following have been approved to date as exemptions for the purpose of proceeding straight to Part II candidature and other relevant experience or examinations may also be approved for this purpose from time to time:

- Australian College of Dermatologists (Part I, FACD)
- Royal Australasian College of Physicians (FRACP Examination)
- A Royal College of Physicians of the United Kingdom (MRCP)
- University of Singapore (Master of Medicine)
- Royal Australasian College of Surgeons (Part I, FRACS)
- Royal Australian College of General Practitioners (FRACGP) - for Part II Primary Medical Care
- Royal Australian and New Zealand College of Radiologists (Part I, FRANZCR) - for Part II Radiology
- Australian and New Zealand College of Anaesthetists (Part 1 FANZCA) - for Part II Anaesthetics by research
- Royal College of Pathologists of Australia (Part I, FRCPA) - for Part II Haematology
- Royal College of Pathologists (UK) (MRC Path) - for Part II Haematology
- Royal Australian College of Ophthalmologists (Part I, FRACO) - for Part II Ophthalmology
- Holders of the faculty's Graduate Diploma in Women's Health - for Part II Women's Health

Core Participation Requirements:

For the purposes of considering requests for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this course are articulated in the Course Overview, Objectives and Generic Skills sections of this entry.It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this course are encouraged to discuss this matter with a Faculty Student Adviser and the Disability Liaison Unit: http://www.services.unimelb.edu.au/disability/

Graduate Attributes:

A Knowledge Graduates of the Master of Medicine (Radiology) Degree will have acquired:1. a body of knowledge that includes the understanding of recent developments in a discipline and/or area of professional practice in the discipline of Medicine (Radiology)2. knowledge of research principles and methods applicable to a field of work or learning in the discipline of

	Medicine (Radiology) B Skills Graduates of the Master of Medicine (Radiology) Degree will have developed:1. cognitive skills to demonstrate mastery of theoretical knowledge and to reflect critically on theory and professional practice or scholarship2. cognitive, technical and creative skills to investigate, analyse and synthesise complex information, problems, concepts and theories and to apply established theories to different bodies of knowledge or practice3. cognitive, technical and creative skills to generate and evaluate complex ideas concepts at an abstract level4. communication and technical research skills to justify and interpret theoretical propositions, methodologies, conclusions and professional decisions to specialist and non-specialist audiences5. technical and communication skills to design, evaluate, implement, analyse, theorise about developments that contribute to professional practice or scholarship technical and communication skills to design, evaluate, implement, analyse, theorise about developments that contribute to scientific professional practice or scholarship C Application of knowledge and skills Graduates of the Master of Medicine (Radiology) Degree will demonstrate the application of knowledge & skills:1. with creativity and initiative to new situations in professional practice and/or for further learning2. with high level personal autonomy and accountability3. to plan and execute a substantial research-based project, capstone experience and/or piece of scholarship with creativity and initiative to new situations in professional scientific practice and/or for further learning to plan and execute a substantial research-based project
Professional Accreditation:	The Master of Medicine course runs parallel with training for the Fellowship of the Royal Australian and New Zealand College of Radiologists (FRANZCR). The FRANZCR Part I examination exempts trainees from Part I Master of Medicine. The Master of Medicine examination is conducted in the 3rd year of the program and provides invaluable preparation for the FRANZCR Part II examination.
Notes:	1 Up to two 3-hour (or equivalent) written examinations, or up to one 3-hour (or equivalent) written examination and essays / written assignments totalling up to 21,000 words; or for those holding the Part 1 Fellowship of the Royal Australian College of Physicians (FRACP), essays / written assignments totalling up to 21,000 words and a formal written assessment by the candidates supervisor at the completion of each semester assessing the clinical training undertaken, the level of skills achieved and the knowledge base of the candidate. If deemed necessary, at the discretion of the Chair of the Board of examiners, up to one three hour (or equivalent) written examination and / or a clinical / practical or oral examination of up to two hours after consideration of the written assignments and supervisors reports. 2 where appropriate, a clinical / practical or oral examination of up to 2 hours; 3 report of up to 15,000 words on the minor research project. Apportionment of marks to these segments of the examination will be set by faculty at the time candidature is approved and will depend on the discipline and the nature of the course proposed. It will be required that part-time candidates submit the report on their project not later than two years after the date of enrolment authorisation. The report should either lead to a publication in a refereed journal or reach a comparable standard in terms of the content and presentation