

UNIVERSITY OF SOUTH AUSTRALIA  
 DIVISION OF HEALTH SCIENCES - SCHOOL OF HEALTH SCIENCES  
 MEDICAL RADIATION POSTGRADUATE COURSE-WORK PROGRAMS

**Graduate Certificate in Medical Radiation (ICMR) – options A and B (Breast Imaging)**  
**Graduate Diploma in Medical Sonography (IGSO)**  
**Master of Medical Sonography (IMSO)**

**ENROLMENT INFORMATION**  
**NEW AND CONTINUING STUDENTS**  
**2009**

Area	Catalogue No.	Course	Study period(s) offered	Mode(s) of delivery	Prerequisite	Corequisite	Class Numbers	Notes
RADY	5017	Ultrasound Physics & Instrumentation 1	2 5 (only a one study period long course)	External only	Nil	Nil	20105 20090	Credit will be given for this course if you have completed Part 1 of the Diploma of Medical Ultrasonography Part 1, within 5 years prior to enrolment in the program. This course must be completed prior to commencing the scanning courses. May include a weekend workshop that is recommended but not compulsory <b>Core course for IGSO and IMSO</b> <b>Core course for Breast Imaging option of ICMR (option B)</b>
RADY	5018	Ultrasound Physics & Instrumentation 2	2 5 (only a one study period long course)	External only	Ultrasound Physics & Instrumentation 1	Nil	20106 20091	Credit will be given for this course if you have completed Part 1 of the Diploma of Medical Ultrasonography Part 1, within 5 years prior to enrolment in the program. This course must be completed prior to commencing the scanning courses. May include a weekend workshop that is recommended but not compulsory <b>Core course for IGSO and IMSO</b> <b>Core course for Breast Imaging option of ICMR (option B)</b>
RADY	5024	Professional Issues for Sonographers	2 5 (only a one study period long course)	External only	Nil	Nil	20143 20089	This course must be completed prior to commencing the scanning courses. <b>Core course for IGSO and IMSO</b>

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RADY	5013	Abdominal Sonography	2 5	External only	Completion of the courses Professional Issues for Sonographers and Ultrasound Physics and Instrumentation 1 and 2.	Engaged in ultrasound examination procedures – minimum of 200 hours per study period.	20102 20122	This course includes an upper abdominal practical examination that will be assessed by two UniSA approved assessors on a pass/fail basis. There is also a weekend workshop that is recommended but not compulsory. <b>Core course for IGSO and IMSO</b>
RADY	5015	Superficial Parts Sonography	2 5	External only	Completion of the courses Professional Issues for Sonographers and Ultrasound Physics and Instrumentation 1 and 2.	Engaged in ultrasound examination procedures – minimum of 200 hours per study period.	20103 20125	This course includes a weekend workshop that is recommended but not compulsory <b>Core course for IGSO and IMSO</b>
RADY	5014	Obstetric and Gynaecologic Sonography	2 5	External only	Completion of the courses Professional Issues for Sonographers and Ultrasound Physics and Instrumentation 1 and 2.	Engaged in ultrasound examination procedures – minimum of 200 hours per study period.	20142 20087	This course includes a mid 2 <sup>nd</sup> trimester obstetric practical examination that will be assessed by two UniSA approved assessors on a pass/fail basis. There is also a weekend workshop that is recommended but not compulsory. <b>Core course for IGSO and IMSO</b>
RADY	5016	Vascular Sonography	2 5	External only	Completion of the courses Professional Issues for Sonographers and Ultrasound Physics and Instrumentation 1 and 2.	Engaged in ultrasound examination procedures – minimum of 200 hours per study period.	20104 20088	This course includes a weekend workshop that is recommended but not compulsory. <b>Core course for IGSO and IMSO</b>
RADY	5026	Clinical Sonography Portfolio	2 5	External only	Completion of the courses Abdominal Sonography, Obstetric and Gynaecologic Sonography, Superficial Parts Sonography and Vascular Sonography.	The prerequisite courses may be taken as a corequisite.	20107 20092	This course requires the preparation and submission of a clinical portfolio detailing and authenticating the student's clinical knowledge and skills in medical sonography. To submit this portfolio, students must also provide evidence of completion of a minimum of 2200 hours documented ultrasound scanning experience, verified by supervisor(s). This total number of hours is calculated on 48 weeks x 2 years x 22.5 hours (or 3 days/week over 2 years or equivalent). <b>Core course for IGSO and IMSO</b>

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BIOL	5004	Sectional Anatomy	2 5	External only External only	Nil	Nil	20108 20093	<b>Elective course for IMSO</b>
RADY	5020	#Musculoskeletal Sonography 1	2	External only	Knowledge and experience of general medical sonography procedures will be assumed.	The student should be an accredited medical sonographer & working in an environment where diagnostic medical sonography is performed.	20109	<b>Elective course for IMSO</b>
RADY	5025	#Musculoskeletal Sonography 2	5	External only	Musculoskeletal Sonography 1 and possess a knowledge of general medical sonography scanning principles.	The student should be an accredited medical sonographer and working in an environment where diagnostic medical sonography is performed.	20094	<b>Elective course for IMSO</b>
RADY	5027	#Foetal Echocardiography	5	External only	Accredited Medical Sonographer or equivalent	Engaged in ultrasound examination procedures – minimum of 200 hours per study period.	20095	<b>Elective course for IMSO</b>
RADY	5002	#Breast Sonography	5	External (see notes)	Ultrasound Physics & Instrumentation 1 (or equivalent) and Mammography	Ultrasound Physics & Instrumentation 2 (or equivalent)	20096	This course includes compulsory participation in an on-line tutorial. Students will also be required to keep a logbook to record the breast ultrasound examinations that they have performed. For further details, please contact Kerry Thoires on 08 8302 2903. <b>Core course for Breast Imaging option of ICMR (option B)</b>

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RADY	5003	Mammography	2	May enrol as internal or external but requires on-campus attendance	Nil	Nil	20112	Credit for this course will be awarded to students who have completed the academic Mammography module offered by BreastScreen Australia, or equivalent. This course requires compulsory on-campus attendance for a five day full time workshop from 27 April- 1 May 2009. Numbers are limited. Contact Program Administrative Officer on 08 8302 2243 to register your interest as soon as possible. <b>Core course for Breast Imaging option of ICMR (option B)</b>
RADY	5006	Clinical Mammography	2 5 (only a one study period long course)	May enrol as internal or external but requires on campus attendance for 5 days full time	Mammography	Nil	20111 20097	This course requires compulsory on-campus attendance for five days full-time in the School's Mammography Clinic under direct supervision of a BreastScreen SA mammographer. It is offered at various times over the year. Please contact Georgina Upton on 08 8274 7153, <a href="mailto:georgina.upton@health.sa.gov.au">georgina.upton@health.sa.gov.au</a> or Bronwyn Knight, <a href="mailto:bronwyn.knight@unisa.edu.au">bronwyn.knight@unisa.edu.au</a> to register your interest and/or for further details.
HLTH	5002	#Health Ethics	6	Internal only	Nil	Nil	60039	This course requires compulsory on-campus attendance for 5 days full-time workshop on 28 Sep - 2 Oct 2009. Assessment is usually in the form of assignments. Please contact Dr Kobie Boshoff on 08 8302 2046 for further details.

Area	Catalogue No.	Course	Study period(s) offered	Mode(s) of delivery	Prerequisite	Corequisite	Class Number	Notes
REHB	5102	Allied Health Evidence Based Theory and Practice	1	Internal only	Nil	Nil	1075	<p><b>Either</b> this course or a course selected from the Graduate Certificate in Research Methodologies (refer to home page: <a href="http://www.unisanet.unisa.edu.au/gcrm/">http://www.unisanet.unisa.edu.au/gcrm/</a>) are recommended courses for the Graduate Diploma in Medical Radiation. Note: Basic Excel skills will be assumed for this course. An Excel course will be run 16 January 2009. Places are limited and the cost is AU\$165 per student.</p> <p>Will only be taught as an intensive three week workshop to commence 19 January 2009.</p> <p>Please contact Karen Grimmer on 08 8302 2769 for further details.</p>
HLTH	5142	Health Science Project (9.0 units)	2 5 (only a one study period long course)	Internal or External	Research Process and Proposal <b>OR</b> Appropriate Research Course as negotiated with Supervisor	Nil	TBC 23844	Pre-requisite is not required if an honours degree or another postgraduate research award or equivalent courses have been completed previously.
HLTH	5145	#Negotiated Study 1H	2	Internal or External	Nil	Nil	20113	
HLTH	5146	#Negotiated Study 2H	5	Internal or External	Nil	Nil	20098	
HLTH	5147	#Negotiated Study 3H	5	Internal or External	Nil	Nil	TBC	This course will only be scheduled if required.
HLTH	5128	Literature Review	2	External	Nil	Nil	24675	
HLTH	5127	Research Proposal	2	External or Internal	Nil	Nil	20114	

#To be offered subject to minimum student numbers

Please note Study Period 2 was previously referred to as Semester 1 and Study Period 5 was previously Semester 2.

If you have any queries regarding which courses you should enrol in, please contact Wendy Barber on (08) 8302 2560 (Mon, Tues, Thu, Fri)