Master of Medical Radiation Science (with specialisations) Articulated Set

includes:

Master of Medical Radiation Science (with specialisations)
Graduate Diploma of (with specialisations) *[Exit Point Only]*

The Master of Medical Radiation Science offers a flexible postgraduate degree for medical radiation science professionals. The aim of the course is to allow students wishing to undertake further study in medical radiation science a range of topics rather than focus on a specific area of specialisation.

The course includes the following awards:

Graduate Diploma of Computed Tomography *GradDipCT*

Graduate Diploma of Magnetic Resonance Imaging *GradDipMRI*

Graduate Diploma of Medical Radiation Science *GradDipMedRadSc*

Graduate Diploma of Molecular Imaging *GradDipMolecImag*

Graduate Diploma of Nuclear Medicine *GradDipNucMed*

Graduate Diploma of Radiographic Image Interpretation *GradDipRadiogImageInt*

Master of Medical Radiation Science *MMedRadSc*

Master of Medical Radiation Science (Computed Tomography) *MMedRadSc(CT)*

Master of Medical Radiation Science (Magnetic Resonance Imaging) *MMedRadSc(MRI)*

Master of Medical Radiation Science (Molecular Imaging) *MMedRadSc(MolecImag)*

Master of Medical Radiation Science (Nuclear Medicine) *MMedRadSc(NucMed)*

Master of Medical Radiation Science (Radiographic Image Interpretation) *MMedRadSc(RadiogImageInt)*

Course Study Modes and Locations

Master of Medical Radiation Science (4707RS)

Distance Education - Wagga Wagga
On Campus - Wagga Wagga

Availability is subject to change, please verify prior to enrolment.

Normal course duration

Master of Medical Radiation Science (with specialisations)

Full-time 1.5 years (3.0 sessions)

In equivalent full-time years, the actual duration of the course (i.e. generic course and each of the five specialisations), varies depending on entry level (Level 1, 2 or 3).

For Level 1 (zero-point credit entry), FTE = 1.5
For Level 2 (16-point credit entry), FTE = 1.25
For Level 3 (32-point credit entry), FTE = 1.0.

In addition, for each level of admission, the actual minimum time in years to complete the CT, MRI, Molecular Imaging and RII specialisations varies with session of admission (Session 1 or Session 2 intake). Only for the Generic course and the Nuclear Medicine specialisation are the minimum completion times unaffected by session of entry. The minimum course durations are detailed below:

Generic Course:

Masters Level 1
Session 1 entry, 3 years
Session 2 entry, 3 years

Masters Level 2
Session 1 entry, 2.5 years
Session 2 entry, 2.5 years

Masters Level 3
Session 1 entry, 2 years
Session 2 entry, 2 years

Computed Tomography Specialisation (DE):

Masters Level 1
Session 1 entry, 3 years
Session 2 entry, 3.5 years

Masters Level 2
Session 1 entry, 2.5 years
Session 2 entry, 2.5 years

Masters Level 3
Session 1 entry, 2 years
Session 2 entry, 2.5 years

Computed Tomography Specialisation (Internal Tutorial program):

Masters Level 1
Session 1 entry, 2 years

Magnetic Resonance Imaging Specialisation (DE):

Masters Level 1
Session 1 entry, 3 years
Session 2 entry, 3.5 years

Masters Level 2
Session 1 entry, 2.5 years
Session 2 entry, 2.5 years

Masters Level 3
Session 1 entry, 2 years
Session 2 entry, 2.5 years

Magnetic Resonance Imaging Specialisation (Internal Tutorial program):

Masters Level 1
Session 1 entry, 2 years

Molecular Imaging Specialisation:

Masters Level 1
Session 1 entry, 3 years
Session 2 entry, 3.5 years

Masters Level 2
Session 1 entry, 2.5 years

Session 2 entry, 2.5 years

Masters Level 3
Session 1 entry, 2 years
Session 2 entry, 2.5 years

Nuclear Medicine Specialisation:

Masters Level 1
Session 1 entry, 3 years
Session 2 entry, 3 years

Masters Level 2
Session 1 entry, 2.5 years
Session 2 entry, 2.5 years

Masters Level 3
Session 1 entry, 2 years
Session 2 entry, 2 years

RII Specialisation:

Masters Level 1
Session 1 entry, 3 years
Session 2 entry, 3.5 years

Masters Level 2, Research Option
Session 1 entry, 3 years
Session 2 entry, 3.5 years

Masters Level 2, Coursework Option
Session 1 entry, 2.5 years
Session 2 entry, 3 years

Graduate Diploma of (with specialisations) *[Exit Point Only]*

Full-time 1.0 years (2.0 sessions)

In equivalent full-time years, the actual duration of the Graduate Diploma exit program (in the generic course and each of the five specialisations), varies depending on admission level (Level 1 or 2).

For Level 1 (zero-point credit entry), FTE = 1.0

For Level 2 (16-point credit entry), FTE = 0.75

In addition, for each level of admission, the actual minimum time in years to complete the CT, MRI, Molecular Imaging and RII specialisations varies with session of admission (Session 1 or Session 2 intake). Only for the Generic course and the Nuclear Medicine specialisation are the minimum completion times unaffected by session of entry. The minimum course durations are detailed below:

Generic Course:

Graduate Diploma Level 1
Session 1 entry, 2 years
Session 2 entry, 2 years

Graduate Diploma Level 2
Session 1 entry, 1.5 years
Session 2 entry, 1.5 years

Computed Tomography Specialisation (DE):

Graduate Diploma Level 1
Session 1 entry, 2 years
Session 2 entry, 2.5 years

Graduate Diploma Level 2
Session 1 entry, 1.5 years
Session 2 entry, 2 years

Magnetic Resonance Imaging Specialisation (DE):

Graduate Diploma Level 1
Session 1 entry, 2 years
Session 2 entry, 2.5 years

Graduate Diploma Level 2
Session 1 entry, 1.5 years
Session 2 entry, 2 years

Molecular Imaging Specialisation:

Graduate Diploma Level 1
Session 1 entry, 2 years

Session 2 entry, 2.5 years

Graduate Diploma Level 2
Session 1 entry, 1.5 years
Session 2 entry, 2 years

Nuclear Medicine Specialisation:

Graduate Diploma Level 1
Session 1 entry, 2 years
Session 2 entry, 2 years

Graduate Diploma Level 2
Session 1 entry, 2 years
Session 2 entry, 2 years

Radiographic Image Interpretation Specialisation:

Graduate Diploma Level 1
Session 1 entry, 2 years
Session 2 entry, 2.5 years

Graduate Diploma Level 2
Session 1 entry, 2 years
Session 2 entry, (No Grad. Dip. Exit Available)

Normal course duration is the effective period of time taken to complete a course when studied Full-time (Full-time Equivalent: FTE). Students are advised to consult the Enrolment Pattern for the actual length of study. Not all courses are offered in Full-time mode.

Admission criteria

CSU Admission Policy

Master of Medical Radiation Science (with specialisations)

The three levels of admission into the Masters course will be referred to as Level 1, Level 2 and Level 3, for zero-point, 16-point and 32-point entry credit, respectively. The requirements for admission into the Masters course will vary with each level of entry, as well as with the chosen specialisation. These requirements are detailed below.

All applicants must possess a Statement of Accreditation (issued by the AIR or the

ANZSNM), (or equivalent, for medical radiation science applicants from overseas). Applicants from acceptable non medical imaging/nuclear medicine backgrounds (see Level 1 admission criteria for the Generic course and RII specialisation below) must also be accredited in their fields.

(A) Requirements for Level 1 admission (with zero-point entry credit):

Generic course

(a) 2-year Medical Imaging or Nuclear Medicine or Radiation Therapy Diploma plus a minimum of 3 years full-time equivalent clinical
work experience (for onshore students, this could be the Professional Development Year (PDY) plus 2 years clinical work experience),

or

(b) 3-year Medical Imaging or Nuclear Medicine or Radiation Therapy Bachelor Degree plus 1 to 2 years full-time equivalent clinical
work experience.

Computed Tomography (CT) and Magnetic Resonance Imaging (MRI) specialisations (DE version)

(a) 2-year Medical Imaging Diploma plus a minimum of 3 years full-time equivalent clinical work experience (for onshore students, this
could be the PDY plus 2 years clinical work experience),

or

(b) 3-year Medical Imaging Bachelor Degree plus 1 to 2 years full-time equivalent clinical work experience.

Computed Tomography (CT) and Magnetic Resonance Imaging (MRI) specialisations (Internal Tutorial mode version)

(a) International onshore students only,

(b) 3-year Medical Imaging Bachelor Degree (or equivalent) plus a minimum of 2 years postgraduate experience in medical imaging
clinical practice,

(c) IELTS of 7.0 in all bands.

(Note: zero-point credit entry is the only level of entry into the Internal version of the CT and MRI specialisations).

Radiographic Image Interpretation (RII) specialisation

(a) 2 year Medical Imaging Diploma plus a minimum of 3 years full-time equivalent clinical work experience (for onshore students, this could be the PDY plus 2 years clinical work experience),

or

(b) 3 year Medical Imaging Bachelor Degree plus 1 to 2 years full-time equivalent clinical work experience,

or

(c) A Medical degree, or a 3-year Allied Health degree (e.g. in Nursing, Physiotherapy, Chiropractic or Podiatry), plus a minimum of 2 years clinical experience.

Nuclear Medicine (NM) specialisation

(a) 2-year Nuclear Medicine Diploma plus a minimum of 3 years full-time equivalent clinical work experience (for onshore students, this could be the PDY plus 2 years clinical work experience),

or

(b) 3-year Nuclear Medicine Bachelor Degree plus 1 to 2 years full-time equivalent clinical work experience.

Molecular Imaging specialisation

(a) 2-year Medical Imaging or Nuclear Medicine Diploma plus a minimum of 3 years full-time equivalent clinical work experience (for onshore students, this could be the PDY plus 2 years clinical work experience),

or

(b) 3-year Medical Imaging or Nuclear Medicine Bachelor Degree plus 1 to 2 years full-time equivalent clinical work experience.

Note: Clinical access to MRI and to CT will be necessary in Year 3, for students doing the coursework option.

(B) Requirements for Level 2 admission (with 16-point entry credit):

Generic course and Molecular Imaging specialisation

(a) 3-year Medical Imaging or Nuclear Medicine Bachelor Degree plus a minimum of 2 years full-time equivalent clinical work experience,

or

(b) 4-year Medical Imaging or Nuclear Medicine Bachelor Degree plus a minimum of 1-year full-time equivalent clinical work experience.

Note: For the Molecular Imaging specialisation, clinical access to MRI or to CT will be necessary in Year 2, for students doing the coursework option.

Computed Tomography (CT), Magnetic Resonance Imaging (MRI) and Radiographic Image Interpretation (RII) specialisations

(a) 3-year Medical Imaging Bachelor Degree plus a minimum of 2 years full-time equivalent clinical work experience. For CT and MRI, the clinical work experience must have been predominantly in CT or MRI,

or

(b) 4-year Medical Imaging Bachelor Degree plus a minimum of 1-year full-time equivalent clinical work experience. For CT and MRI, the clinical work experience must have been predominantly in CT or MRI.

Nuclear Medicine (NM) specialisation

(a) 3-year Nuclear Medicine Bachelor Degree plus a minimum of 2 years full-time equivalent clinical work experience,

or

(b) 4-year Nuclear Medicine Bachelor Degree plus a minimum of 1-year full-time equivalent clinical work experience.

(C) Requirements for Level 3 admission (with 32-point entry credit):

Generic course, CT, MRI, NM and Molecular Imaging specialisations

Under very strict guidelines, 32-point entry credit can be given for admission into the generic Masters course and the above specialisations.

The Radiographic Image Interpretation (RII) specialisation does not possess a Level 3 entry program (but only Level 1 and Level 2), as recommended by the external advisory panel for this specialisation (see RII external advisory report in Appendix 4).

The criteria for Level 3 admission into the generic course and all specialisations, except RII, are:

(a) Appropriate 4-year degree (generic and molecular imaging specialisations: nuclear medicine or medical imaging degree; nuclear
medicine specialisation: nuclear medicine degree; CT and MRI specialisations: medical imaging degree),

plus

(b) A minimum of 2 years (full-time equivalent) of appropriate clinical work experience (for CT and MRI specialisations, the clinical
experience must have been entirely in CT or MRI, respectively),

plus

(c) An active CPD portfolio including seminar/conference presentations, posters and publications.

Note: For the Molecular Imaging specialisation, clinical access to MRI or to CT will be necessary in Year 2 for students doing the coursework option.

Credit

CSU Credit Policy

Master of Medical Radiation Science (with specialisations)

Upon admission, students are awarded an entry credit package of 32 points (equivalent to four 8-point subjects), 16 points (equivalent
to two 8-point subjects), or zero (0) points. The credit awarded will strictly depend on previous academic qualifications as well as on relevant clinical experience (refer to Field 12, Part B).

Articulation

The Master and Graduate Diploma *[Exit Point Only]*make up an articulated set of courses and credit is given in each higher level course for the subjects completed in the lower.

Graduation requirements

Master of Medical Radiation Science (with specialisations)

To graduate students must satisfactorily complete 96 points.

Graduate Diploma of (with specialisations) *[Exit Point Only]*

To graduate students must satisfactorily complete 64 points.

Course Structure

The 96-point Master of Medical Radiation Science program is made up of a generic Master of Medical Radiation Science course and specialisations in Computed Tomography, Magnetic Resonance Imaging, Radiographic Image Interpretation, Nuclear Medicine and Molecular Imaging. Each is run by distance education mode. The CT and MRI specialisations comprise both DE and Internal programs, with the latter catering to targeted groups of international and domestic clientele. The generic course and each DE specialisation consist of core compulsory subjects, along with a small group of restricted electives. In contrast to the specialisations, the generic course has only a small number of core subjects and a large number of restricted electives. The Internal versions of the CT and MRI specialisations only contain compulsory core subjects with no electives.

The generic course and all DE specialisations will have two alternative study pathways, one

of which is chosen by the student. These pathways are called the “research option” and the “coursework option”. This option of pathway is not available in the Internal CT and MRI programs. The generic course and all DE specialisations will have three entry levels. These are the zero-point, 16-point and 32-point credit entry levels. These will be referred to as Level 1, Level 2 and Level 3, respectively. The subject points to be earned for a Masters qualification would be: 96 points for Level 1 (zero-point credit entry), 80 subject points for Level 2 (16-point credit entry) and 64 subject points for Level 3 (32-point credit entry). The generic course and all DE specialisations of the Masters course are articulated sets, as they each possess a Graduate Diploma exit point only course. This however, is not the case with the Internal versions of the CT and MRI specialisations, for which there is no Graduate Diploma exit. Students exiting the Masters with a Graduate Diploma will require 64 subject points for Level 1 entry and 48 subject points for Level 2 entry. No Graduate Diploma exit is possible for students with Level 3 entry.

Restricted elective subjects used in the course may be chosen from two banks. These are defined as “Group A” and “Group B”, as discussed in Part A, Field 2.6. The general listings are shown, with the session(s) of offering (Session 1/Session 2/Session 3) of each subject shown in brackets as (1, 2 or 3). Group A consists of subjects taught within the Masters course in different specialisations. These subjects become a restricted elective, when not compulsory in a specialization. The choice of the elective depends on the session and on the specialisation. Conditions that have to be met before doing some elective subjects are indicated. Group B comprises non medical radiation science subjects which have relevance to medical radiation science professionals. These subjects are taught from other schools/faculties.

Group A Electives
BMS511Processes of Pathology (dual session, 1 + 2)
MRS580Image Guided Therapy (dual session, 1 + 2)
MRS513Digital Imaging Technology (1)
MRS555Advanced Principles in MRI* (dual session, 1 + 2)
MRS565Advanced Principles in CT* (dual session, 1 + 2)
MRS575Appendicular & Axial Skeleton Image Interpretation (dual session, 1 + 2)
MRS554MRI Practice & Trends* (dual session, 1 + 2)
MRS564CT Practice & Trends* (dual session, 1 + 2)
MRS574Chest & Abdomen Image Interpretation (dual session, 1 + 2)
HLT511Clinical Judgment & Decision Making (1, 2)
MRS426Diagnostic Ultrasound** (1)
MRS432Computed Tomography (a) (2)
MRS434Magnetic Resonance Imaging (b) (2)

*To do these subjects, clinical access to MRI/CT is required.
**,(a),(b) These electives are not allowed if they (or their equivalents) have previously been successfully
completed at U/G degree level.

(a) Cannot be chosen, if wishing to do MRS565
(b) Cannot be chosen, if wishing to do MRS555

Group B Electives
HLT510Clinical Issues in Health (1, 2)
HLT402 Learning in Health Contexts (1, 2)
HLT403 Clinical Teaching Techniques (1, 2)
HSM401Perspectives on Health Care Systems (1, 2)
HSM402Human Resources Management (Health Services) (2)
HSM404Management of Health & Aged Care Services (1, 2)
HSM406Resourcing Health and Aged Services (1)
PHL401Critical Reasoning (1, 2)
PHL402Ethical Theory (1, 2)
SSC502Ethics, Law and Medical Science (1)
BMS513Laboratory Quality Control (1)
MKT501Marketing Management (1)
MGT501Management Theory & Practice (1)
MGT536Leadership and Entrepreneurship (2)
MGT540Management of Change (2)
ITC412 System Analysis PG (2)
ITC415 Programming Principles (1)
ITC423 Database Systems (1, 2, 3)
ITC431 Computer Networks (2)
ITC475Ethics and Information Technology (1, 2, 3)
ITC544Computer Organisation and Architecture (1)

The combination of the above electives that may be chosen from Groups A and B are defined for each specialization and will be detailed in Enrolment Pattern Section, following.

The structure of each of the five DE Masters specialisations and the generic Master of Medical Radiation Science course, will first be presented. Following this, the structure of the two Internal mode programs within the CT and MRI specialisations will be given. While the latter are classed as versions of the CT and MRI specialisations, they are specially mounted programs for targeted international and domestic clientele and are not alternative pathways for normal DE students entering the CT and MRI specialisations. For this reason they are presented separately.

1. Computed Tomography specialisation.

Level 1:
Restricted Electives 1 (8 points)
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods

Compulsory Specialisation Subjects (48 points)
MRS544Clinical Sectional Anatomy
HLT511Clinical Judgment and Decision Making
MRS565Advanced Principles in Computed Tomography (16)
MRS564Computed Tomography Practice and Trends (16)
Restricted Electives 2 (40 points)
Either:
HLT506Health Masters Proposal
and
HLT509Health Masters Dissertation (32 points)
or:
5 Elective subjects, two from Group A, one from Group B and two from Group A or B, above

Level 2:
Restricted Electives 1 (8 points)
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods
Compulsory Specialisation Subjects (48 points)
MRS544Clinical Sectional Anatomy
HLT511Clinical Judgment and Decision Making
MRS565Advanced Principles in Computed Tomography (16)
MRS564Computed Tomography Practice and Trends (16)
Restricted Electives 2 (24 points)
Either:
HLT506Health Masters Proposal
and
HLT508Health Masters Project (16 points)
or:
3 Elective subjects from either Group A or Group B

Level 3:
Restricted Electives 1 (8 points)
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods
Compulsory Specialisation Subjects (32 points)
MRS565Advanced Principles in Computed Tomography (16)
MRS564Computed Tomography Practice and Trends (16)
Restricted Electives 2 (24 points)
Either:
HLT506Health Masters Proposal
and

HLT508Health Masters Project (16 points)
or:
MRS544Clinical Sectional Anatomy
HLT511Clinical Judgment and Decision Making
1 Elective subject from either Group A or Group B

2. Magnetic Resonance Imaging specialisation.

Level 1:
Restricted Electives 1 (8 points)
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods
Compulsory Specialisation Subjects (48 points)
MRS513Digital Imaging Technology
HLT511Clinical Judgment and Decision Making
MRS555Advanced Principles in Magnetic Resonance Imaging (16)
MRS554Magnetic Resonance Imaging Practice and Trends (16)
Restricted Electives 2 (40 points)
Either:
HLT506Health Masters Proposal
and
HLT509Health Masters Dissertation (32 points)
or:
MRS544Clinical Sectional Anatomy
and
4 Elective subjects from either Group A or B, above

Level 2:
Restricted Electives 1 (8 points)
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods
Compulsory Specialisation Subjects (48 points)
MRS513Digital Imaging Technology
HLT511Clinical Judgment and Decision Making
MRS555Advanced Principles in Magnetic Resonance Imaging (16)
MRS554Magnetic Resonance Imaging Practice and Trends (16)
Restricted Electives 2 (24 points)
Either:
HLT506Health Masters Proposal
and
HLT508Health Masters Project (16 points)
or:

2 Elective subjects from Group A or B, above
and
MRS544Clinical Sectional Anatomy
or
1 Elective subject from either Group A or B, above

Level 3:
Restricted Electives 1 (8 points)
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods
Compulsory Specialisation Subjects (32 points)
MRS555Advanced Principles in Magnetic Resonance Imaging (16)
MRS554Magnetic Resonance Imaging Practice and Trends (16)
Restricted Electives 2 (24 points)
Either:
HLT506Health Masters Proposal
and
HLT508Health Masters Project (16 points)
or:
MRS513Digital Imaging Technology
HLT511Clinical Judgment and Decision Making
and
1 Elective subject from either Group A or B, above

3. Radiographic Image Interpretation specialisation.

Level 1:
Restricted Electives 1 (8 points)
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods
Compulsory Specialisation Subjects (48 points)
MRS575Appendicular and Axial Skeleton Image Interpretation (16)
MRS574Chest and Abdomen Image Interpretation (16)
BMS511Processes of Pathology (16)
Restricted Electives 2 (40 points)
Either:
HLT506Health Masters Proposal
and
HLT509Health Masters Dissertation (32 points)
or:
MRS544Clinical Sectional Anatomy

HLT511Clinical Judgment and Decision Making
and
3 Elective subjects from either Group A or B, above

Level 2:
Restricted Electives 1 (8 points)
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods
Compulsory Specialisation Subjects (48 points)
MRS575Appendicular and Axial Skeleton Image Interpretation (16)
MRS574Chest and Abdomen Image Interpretation (16)
BMS511Processes of Pathology (16)
Restricted Electives 2 (24 points)
Either:
HLT506Health Masters Proposal
and
HLT508Health Masters Project (16 points)
or:
MRS544Clinical Sectional Anatomy
HLT511Clinical Judgment and Decision Making
and
1 Elective subject from either Group A or B, above

(Note there is no Level 3 program for RII).

4. Nuclear Medicine specialisation.

Level 1:
Restricted Electives 1 (8 points)
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods
Compulsory Specialisation Subjects (48 points)
MRS544Clinical Sectional Anatomy
HLT511Clinical Judgment and Decision Making
PHM412Radiopharmacy
MRS432Computed Tomography
NMT500Advanced Practice in Nuclear Medicine (16)
Restricted Electives 2 (40 points)
Either:
HLT506Health Masters Proposal
and
HLT509Health Masters Dissertation (32 points)

or:
5 Elective subjects, two from Group A and three from Group A or B, above

Level 2:
Restricted Electives 1 (8 points)
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods
Compulsory Specialisation Subjects (32 points)
HLT511Clinical Judgment and Decision Making
PHM412Radiopharmacy
NMT500Advanced Practice in Nuclear Medicine (16)
Restricted Electives 2 (40 points)
Either:
HLT506Health Masters Proposal
and
HLT509Health Masters Dissertation (32 points)
or:
MRS544Clinical Sectional Anatomy
3 Elective subjects, from either Group A or B, above
and
MRS432Computed Tomography
or
1 Elective subject from Group A or B, above

Level 3:
Restricted Electives 1 (16 points)
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods
and
MRS432Computed Tomography
or
1 Elective subject from Group A or B
Compulsory Specialisation Subjects (24 points)
PHM412Radiopharmacy
NMT500Advanced Practice in Nuclear Medicine (16)
Restricted Electives 2 (24 points)
Either:
HLT506Health Masters Proposal
and
HLT508Health Masters Project (16 points)
or:
MRS544Clinical Sectional Anatomy

HLT511Clinical Judgment and Decision Making
1 Elective subject from Group A or B, above

5. Molecular Imaging specialisation.

Level 1:
Restricted Electives 1 (8 points)
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods
Compulsory Specialisation Subjects (48 points)
MRS580Image Guided Therapy (16)
NMT500Advanced Practice in Nuclear Medicine (16)
PHM412Radiopharmacy
HLT511Clinical Judgment and Decision Making
Restricted Electives 2 (40 points)
Either:
HLT506Health Masters Proposal
and
HLT509Health Masters Dissertation (32 points)
or:
MRS555Advanced Principles in Magnetic Resonance Imaging (16)
or
MRS565Advanced Principles in Computed Tomography (16)
and
1 Elective subject from Group B, above
and
MRS554Magnetic Resonance Imaging Practice and Trends (16)
or
MRS564Computed Tomography Practice and Trends (16)

Level 2:
Restricted Electives 1 (16 points)
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods
and
PHM412Radiopharmacy
or
1 Elective subject from Group A or B, above
Compulsory Specialisation Subjects (40 points)
MRS580Image Guided Therapy (16)
NMT500Advanced Practice in Nuclear Medicine (16)

HLT511Clinical Judgment and Decision Making
Restricted Electives 2 (24 points)
Either:
HLT506Health Masters Proposal
and
HLT508Health Masters Project (16 points)
or:
1 Elective subject from Group A or B, above
and
MRS554Magnetic Resonance Imaging Practice and Trends (16)
or
MRS564Computed Tomography Practice and Trends (16)

Level 3:
Restricted Electives 1 (8 points)
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods
Compulsory Specialisation Subjects (32 points)
MRS580Image Guided Therapy (16)
NMT500Advanced Practice in Nuclear Medicine (16)
Restricted Electives 2 (24 points)
Either:
HLT506Health Masters Proposal
and
HLT508Health Masters Project (16 points)
or:
1 Elective subject from Group A or B, above
and
MRS554Magnetic Resonance Imaging Practice and Trends (16)
or
MRS564Computed Tomography Practice and Trends (16)

6. Generic Master of Medical Radiation Science course.

Level 1:
Restricted Electives 1 (8 points)
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods
Compulsory Specialisation Subjects (48points)
MRS544Clinical Sectional Anatomy
HLT511Clinical Judgment and Decision Making
4 Elective subjects, two from Group A and two from Group A or B, above

Restricted Electives 2 (40 points)
Either:
HLT506Health Masters Proposal
and
HLT509Health Masters Dissertation (32 points)
or:
5 Elective subjects, two from Group A and three from Group A or B, above

Level 2:
Restricted Electives 1 (8 points)
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods
Compulsory Specialisation Subjects (32points)
MRS544Clinical Sectional Anatomy
HLT511Clinical Judgment and Decision Making
2 Elective subjects from Group A or B, above
Restricted Electives 2 (40 points)
Either:
HLT506Health Masters Proposal
and
HLT509Health Masters Dissertation (32 points)
or:
5 Elective subjects, four from Group A and one from Group A or B, above

Level 3:
Restricted Electives 1 (8 points)
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods
Compulsory Specialisation Subjects (16points)
MRS544Clinical Sectional Anatomy
HLT511Clinical Judgment and Decision Making
Restricted Electives 2 (40 points)
Either:
HLT506Health Masters Proposal
and
HLT509Health Masters Dissertation (32 points)
or:
5 Elective subjects, two from Group A and three from Group A or B

7. Internal Mode Program in the Computed Tomography specialisation

Level 1 (only):
Compulsory Specialisation Subjects (96 points)
MRS544Clinical Sectional Anatomy
HLT511Clinical Judgment and Decision Making
MRS513Digital Imaging Technology
HLT430Research Methods in Health Sciences
MRS565Advanced Principles in Computed Tomography (16 points)
MRS564Computed Tomography Practice and Trends (16 points)
MRS590Medical Radiation Science Clinical Placement (32 points)

8. Internal Mode Program in the Magnetic Resonance Imaging specialisation

Level 1 (only):
Compulsory Specialisation Subjects (96 points)
MRS544Clinical Sectional Anatomy
HLT511Clinical Judgment and Decision Making
MRS513Digital Imaging Technology
HLT430Research Methods in Health Sciences
MRS555Advanced Principles in Magnetic Resonance Imaging (16 points)
MRS554Magnetic Resonance Imaging Practice and Trends (16 points)
MRS590Medical Radiation Science Clinical Placement (32 points)

Enrolment Pattern

For the Masters program, there will be different enrolment patterns within the generic course and within each specialisation. These will vary with level of student entrance, with session of entry and with chosen study pathway. Level of entrance will be Level 1 (zero-point credit entry), Level 2 (16-point credit entry) and Level 3 (32-point credit entry). Session of entry will be Session 1 or Session 2, and chosen study pathway will be the Research Option or the Coursework Option. The enrolment pattern for the Graduate Diploma exit program within the generic course and each specialisation will also vary with level of entrance and session of entry. Further, the listing of elective subjects for each enrolment pattern within a specialisation will often differ with session of entry. These will be presented with the enrolment patterns. Appendices 11 and 12 summarise in block diagram form, enrolment patterns for the generic course and each specialisation, for each entry level. Appendix 11 shows enrolment patterns for Session 1 entry into the course, and Appendix 12 for Session 2 entry. (These appendices also show entry criteria for each program).

1. Computerised Tomography (CT) specialisation

Level 1 Masters Program
Session 1 Intake:
Year 1

Session 1
MRS565Advanced Principles in Computed Tomography (16)
and
MRS544Clinical Sectional Anatomy

Session 2
MRS565Advanced Principles in Computed Tomography (cont.)
and
HLT511Clinical Judgment and Decision Making

Year 2
Session 1
HLT505 Research Methods in Health Science A
or
BMS500 Biomedical Research Methods
and
MRS564 Computed Tomography Practice and Trends (16)

Session 2
Research Option
HLT506 Health Masters Proposal
and
MRS564Computed Tomography Practice and Trends (cont.)
Coursework Option
Elective (from Group B)
and
MRS564Computed Tomography Practice and Trends (cont.)

Year 3
Session 1
Research Option
HLT509Health Masters Dissertation (32)
Coursework Option
Elective (from Group A)
and
Elective (from Group A or B)

Session 2
Research Option
HLT509Health Masters Dissertation (32) (cont.)
Coursework Option
Elective (from Group A)
and

Elective (from Group A or B)

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science (Computed Tomography) MMedRadSc(CT).

The available Group A elective subjects for this program, are listed at the end of the Level 1 CT programs presented here. The Group B Electives, earlier presented in Part B, Field 15.1, are also presented after the Level 1 CT programs.

Level 1 Graduate Diploma Program (CT)

Session 1 Intake:

Year 1

Session 1
MRS565Advanced Principles in Computed Tomography (16)
and
MRS544Clinical Sectional Anatomy

Session 2
MRS565Advanced Principles in Computed Tomography (cont.)
and
HLT511Clinical Judgment and Decision Making

Year 2

Session 1
MRS564Computed Tomography Practice and Trends (16)
and
Elective (from Group A or B)

Session 2
MRS564Computed Tomography Practice and Trends (cont.)
and
Elective (from Group A or B)

Successful completion of the above subjects will allow exit at this point from the Masters program, for students wishing to graduate with the award Graduate Diploma of Computed Tomography GradDipCT.

The available Group A elective subjects for this program, are listed at the end of the Level 1 CT programs presented here. The Group B Electives are also presented in the same place.

Level 1 Masters Program (CT)

Session 2 Intake:

Year 1

Session 2
HLT511Clinical Judgment and Decision Making
and
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods

Year 2

Session 1
MRS565Advanced Principles in Computed Tomography (16)
and
MRS544Clinical Sectional Anatomy

Session 2
Research Option
MRS565Advanced Principles in Computed Tomography (cont.)
and
HLT506Health Masters Proposal
Coursework Option
MRS565Advanced Principles in Computed Tomography (cont.)
and
Elective (from Group B)

Year 3

Session 1
MRS564Computed Tomography Practice and Trends (16)

Session 2
MRS564Computed Tomography Practice and Trends (cont.)

Year 4

Session 1
Research Option
HLT509Health Masters Dissertation (32)
Coursework Option

Elective (from Group A)
and
Elective (from Group A or B)

Session 2
Research Option
HLT509Health Masters Dissertation (32)
Coursework Option
Elective (from Group A)
and
Elective (from Group A or B)

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science (Computed Tomography) MMedRadSc(CT).

The available Group A elective subjects for this program, are listed at the end of the Level 1 CT programs presented here. The Group B Electives are also located in the same place.

Level 1 Graduate Diploma Program (CT)

Session 2 Intake:

Year 1

Session 2
HLT511Clinical Judgment and Decision Making

Year 2

Session 1
MRS565Advanced Principles in Computed Tomography (16)
and
MRS544Clinical Sectional Anatomy

Session 2
MRS565Advanced Principles in Computed Tomography (cont.)

Year 3

Session 1
MRS564Computed Tomography Practice and Trends (16)
and
Elective (from Group A or B)

Session 2
MRS564Computed Tomography Practice and Trends (cont.)
and
Elective (from Group A or B)

Successful completion of the above subjects will allow exit at this point from the Masters program, for students wishing to graduate with the award Graduate Diploma of Computed Tomography GradDipCT.

For the above four programs, i.e. Level 1 Masters, Sessions 1 and 2 Intake and Level 1 Graduate Diploma, Sessions 1 and 2 Intake, students must choose from the following Group A elective subjects for study. The choice will change for Level 2 programs to be presented later. The full listing of Group B elective subjects is also presented, with sessions of offering indicated. Before choosing, students need to observe which session(s) the elective subjects will be available. Many subjects are only available in a given session.

Group A Electives
(sessions available are in brackets, with (1 + 2) representing a two-session offering for a 16-point subject)

BMS511Processes of Pathology (1 + 2)
MRS580Image Guided Therapy (1 + 2)
MRS513Digital Imaging Technology (1)
MRS555Advanced Principles in MRI* (1 + 2)
MRS575Append. & Axial Skeleton II (1 + 2)
MRS554MRI Practice & Trends* (1 + 2)
MRS574Chest & Abdomen II (1 + 2)

* To do these subjects, clinical access to
MRI is required.

Group B Electives

HLT510Clinical Issues in Health (1, 2)
HLT402 Learning in Health Contexts (1, 2)
HLT403 Clinical Teaching Techniques (1, 2)
HSM401Perspectives on Health Care Systems (1, 2)
HSM402Human Resources Management (Health Services) (2)
HSM404Management of Health & Aged Care Services (1, 2)
HSM406Resourcing Health and Aged Services (1)
PHL401Critical Reasoning (1, 2)
PHL402Ethical Theory (1, 2)
SSC502Ethics, Law and Medical Science (1)
BMS513Laboratory Quality Control (1)

MKT501Marketing Management (1)
MGT501Management Theory & Practice (1)
MGT536Leadership and Entrepreneurship (2)
MGT540Management of Change (2)
ITC412 System Analysis PG (2)
ITC415 Programming Principles (1)
ITC423 Database Systems (1, 2, 3)
ITC431 Computer Networks (2)
ITC475Ethics and Information Technology (1, 2, 3)
ITC544Computer Organisation and Architecture (1)

Level 2 Masters Program (CT)

Session 1 Intake:

Year 1

Session 1
MRS565Advanced Principles in Computed Tomography (16)
and
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods

Session 2
Research Option
HLT506Health Masters Proposal
and
MRS565Advanced Principles in Computed Tomography (cont.)
Coursework Option
Elective (from Group A or B)
and
MRS565Advanced Principles in Computed Tomography (cont.)

Year 2

Session 1
Research Option
MRS564Computed Tomography Practice and Trends (16)
and
HLT508Health Masters Project (16)
Coursework Option
MRS564Computed Tomography Practice and Trends (16)
and

Elective (from Group A or B)

Session 2
Research Option
MRS564Computed Tomography Practice and Trends (cont.)
and
HLT508Health Masters Project (cont.)
Coursework Option
MRS564Computed Tomography Practice and Trends (cont.)
and
Elective (from Group A or B)

Year 3

Session 1
MRS544Clinical Sectional Anatomy
and
HLT511Clinical Judgment and Decision Making

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science (Computed Tomography) MMedRadSc(CT).

The available Group A elective subjects for this program, are listed at the end of the Level 2 CT programs presented here. The Group B Electives can also be seen at the end of the Level 1 CT programs in this Field.

Level 2 Graduate Diploma Program (CT)

Session 1 Intake:

Year 1

Session 1
MRS565Advanced Principles in Computed Tomography (16)
and
MRS564Computed Tomography Practice and Trends (16)

Session 2
MRS565Advanced Principles in Computed Tomography (cont.)
and
MRS564Computed Tomography Practice and Trends (cont.)

Year 2

Session 1
MRS544Clinical Sectional Anatomy
and
HLT511Clinical Judgment and Decision Making

Successful completion of the above subjects will allow exit at this point from the Masters program, for students wishing to graduate with the award Graduate Diploma of Computed Tomography GradDipCT.

Level 2 Masters Program (CT)

Session 2 Intake:

Year 1

Session 2
HLT511Clinical Judgment and Decision Making
and
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods

Year 2

Session 1
MRS544Clinical Sectional Anatomy
and
MRS565Advanced Principles in Computed Tomography (16)

Session 2
Research Option
HLT506Health Masters Proposal
and
MRS565Advanced Principles in Computed Tomography (cont.)
Coursework Option
Elective (from Group A or B)
and
MRS565Advanced Principles in Computed Tomography (cont.)

Year 3

Session 1
Research Option

MRS564Computed Tomography Practice and Trends (16)
and
HLT508Health Masters Project (16)
Coursework Option
MRS564Computed Tomography Practice and Trends (16)
and
Elective (from Group A or B)

Session 2
Research Option
MRS564Computed Tomography Practice and Trends (cont.)
and
HLT508Health Masters Project (cont.)
Coursework Option
MRS564Computed Tomography Practice and Trends (cont.)
and
Elective (from Group A or B)

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science (Computed Tomography) MMedRadSc(CT).

The available Group A elective subjects for this program, are listed at the end of the Level 2 CT programs presented here. The Group B Electives can also be seen at the end of the Level 1 CT programs in this Field.

Level 2 Graduate Diploma Program (CT)

Session 2 Intake:

Year 1

Session 2
HLT511Clinical Judgment and Decision Making

Year 2

Session 1
MRS565Advanced Principles in Computed Tomography (16)
and
MRS564Computed Tomography Practice and Trends (16)

Session 2
MRS565Advanced Principles in Computed Tomography (cont.)
and

MRS564Computed Tomography Practice and Trends (cont.)

Year 3

Session 1
MRS544Clinical Sectional Anatomy

Successful completion of the above subjects will allow exit at this point from the Masters program, for students wishing to graduate with the award Graduate Diploma of Computed Tomography GradDipCT.

For the Level 2 Masters, Session 1 and 2 Intake programs presented above, students must choose from the following Group A elective subjects for study. Choice of Group B Electives can be made from the list presented earlier.

Group A Electives

BMS511Processes of Pathology (1 + 2)
MRS580Image Guided Therapy (1 + 2)
MRS513Digital Imaging Technology (1)
MRS555Advanced Principles in MRI* (1 + 2)
MRS575Appendicular & Axial Skeleton Image Interpretation (1 + 2)
MRS574Chest & Abdomen Image Interpretation (1 + 2)
MRS426Diagnostic Ultrasound** (1)
MRS434Magnetic Resonance Imaging** , #(2)

*To do this subject, clinical access to MRI is required.

** These Electives are not allowed if they (or their equivalent) have previously been successfully completed at U/G degree level.

MRS434cannot be done, if MRS555is chosen.

Level 3 Masters Program (CT)

Session 1 Intake:

Year 1

Session 1
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods
and

MRS565Advanced Principles in Computed Tomography (16)

Session 2
Research Option
HLT506Health Masters Proposal
and
MRS565Advanced Principles in Computed Tomography (cont.)
Coursework Option
Elective (from Group A or B)
and
MRS565Advanced Principles in Computed Tomography (cont.)

Year 2

Session 1
Research Option
HLT508Health Masters Project (16)
and
MRS564Computed Tomography Practice and Trends (16)
Coursework Option
MRS544Clinical Sectional Anatomy
and
MRS564Computed Tomography Practice and Trends (16)

Session 2
Research Option
HLT508Health Masters Project (cont.)
and
MRS564Computed Tomography Practice and Trends (cont.)
Coursework Option
HLT511Clinical Judgment and Decision Making
and
MRS564Computed Tomography Practice and Trends (cont.)

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science (Computed Tomography) MMedRadSc(CT).

The available Group A elective subjects for this program, are listed at the end of the Level 3 CT programs presented here. The Group B Electives can also be seen at the end of the Level 1 CT programs in this Field.

Level 3 Masters Program (CT)

Session 2 Intake:

Year 1

Session 2
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods

Year 2

Session 1
MRS565Advanced Principles in Computed Tomography (16)

Session 2
Research Option
HLT506Health Masters Proposal
and
MRS565Advanced Principles in Computed Tomography (cont.)
Coursework Option
Elective (from Group A or B)
and
MRS565Advanced Principles in Computed Tomography (cont.)

Year 3

Session 1
Research Option
HLT508Health Masters Project (16)
and
MRS564Computed Tomography Practice and Trends (16)
Coursework Option
MRS544Clinical Sectional Anatomy
and
MRS564Computed Tomography Practice and Trends (16)

Session 2
Research Option
HLT508Health Masters Project (cont.)
and
MRS564Computed Tomography Practice and Trends (cont.)
Coursework Option
HLT511Clinical Judgment and Decision Making
and
MRS564Computed Tomography Practice and Trends (cont.)

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science (Computed Tomography) MMedRadSc(CT).

For the Level 3 Masters, Session 1 and 2 Intake programs presented above, students will have only one elective choice from Group A elective subjects for study. Choice of Group B Electives can be made from the list presented at the end of the Level 1 CT programs.

Group A Electives

MRS434Magnetic Resonance Imaging

This Elective is not allowed if it (or its equivalent) has previously been successfully completed at U/G degree level.

2. Magnetic Resonance Imaging (MRI) specialisation

Level 1 Masters Program

Session 1 Intake:

Year 1

Session 1
MRS513Digital Imaging Technology
and
MRS555Advanced Principles in Magnetic Resonance Imaging (16)

Session 2
HLT511Clinical Judgment and Decision Making
and
MRS555Advanced Principles in Magnetic Resonance Imaging (cont.)

Year 2

Session 1
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods
and
MRS554Magnetic Resonance Imaging Practice and Trends (16)

Session 2
Research Option
HLT506Health Masters Proposal

and
MRS554Magnetic Resonance Imaging Practice and Trends (cont.)
Coursework Option
Elective (from Group A or B)
and
MRS554Magnetic Resonance Imaging Practice and Trends (cont.)

Year 3

Session 1
Research Option
HLT509Health Masters Dissertation (32)
Coursework Option
MRS544Clinical Sectional Anatomy
and
Elective (from Group A or B)

Session 2
Research Option
HLT509Health Masters Dissertation (cont.)
Coursework Option
Elective (from Group A or B)
and
Elective (from Group A or B)

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science (Magnetic Resonance Imaging) MMedRadSc(MRI).

The available Group A elective subjects for this program are listed at the end of the Level 1 MRI programs presented in this section. The Group B Electives can also be seen at the end of the Level 1 CT programs (dealt with earlier in this Field).

Level 1 Graduate Diploma Program (MRI)

Session 1 Intake:

Year 1

Session 1
MRS513Digital Imaging Technology
and
MRS555Advanced Principles in Magnetic Resonance Imaging (16)

Session 2
HLT511Clinical Judgment and Decision Making
and
MRS555Advanced Principles in Magnetic Resonance Imaging (cont.)

Year 2

Session 1
MRS554Magnetic Resonance Imaging Practice and Trends (16)
and
MRS544Clinical Sectional Anatomy
or
Elective (from Group A or B)

Session 2
MRS554Magnetic Resonance Imaging Practice and Trends (cont.)
and
Elective (from Group A or B)

Successful completion of the above subjects will allow exit at this point from the program, for students wishing to graduate with the award Graduate Diploma of Magnetic Resonance Imaging GradDipMRI.

The available Group A elective subjects for this program, are listed at the end of the Level 1 MRI programs presented here. The Group B Electives are shown at the end of the Level 1 CT programs (dealt with earlier in this Field).

Level 1 Masters Program (MRI)

Session 2 Intake:

Year 1

Session 2
HLT511Clinical Judgment and Decision Making
and
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods

Year 2

Session 1
MRS513Digital Imaging Technology

and
MRS555Advanced Principles in Magnetic Resonance Imaging (16)

Session 2
MRS555Advanced Principles in Magnetic Resonance Imaging (cont.)

Year 3

Session 1
MRS554Magnetic Resonance Imaging Practice and Trends (16)

Session 2
Research Option
HLT506Health Masters Proposal
and
MRS554Magnetic Resonance Imaging Practice and Trends (cont.)
Coursework Option
Elective (from Group A or B)
and
MRS554Magnetic Resonance Imaging Practice and Trends (cont.)

Year 4

Session 1
Research Option
HLT509Health Masters Dissertation (32)
Coursework Option
MRS544Clinical Sectional Anatomy
and
Elective (from Group A or B)

Session 2
Research Option
HLT509Health Masters Dissertation (cont.)
Coursework Option
Elective (from Group A or B)
and
Elective (from Group A or B)

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science (Magnetic Resonance Imaging) MMedRadSc(MRI).

The available Group A elective subjects for this program, are listed at the end of the Level 1 MRI programs presented here. The Group B Electives are shown at the end of the Level 1

CT programs, presented earlier in this Field.

Level 1 Graduate Diploma Program (MRI)

Session 2 Intake:

Year 1

Session 2
HLT511Clinical Judgment and Decision Making

Year 2

Session 1
MRS513Digital Imaging Technology
and
MRS555Advanced Principles in Magnetic Resonance Imaging (16)

Session 2
MRS555Advanced Principles in Magnetic Resonance Imaging (cont.)

Year 3

Session 1
MRS554Magnetic Resonance Imaging Practice and Trends (16)
and
MRS544Clinical Sectional Anatomy
or
Elective (from Group A or B)

Session 2
MRS554Magnetic Resonance Imaging Practice and Trends (cont.)
and
Elective (from Group A or B)

Successful completion of the above subjects will allow exit at this point from the program, for students wishing to graduate with the award Graduate Diploma of Magnetic Resonance Imaging GradDipMRI.

For the above four programs, i.e. Level 1 Masters, Sessions 1 and 2 Intake and Level 1 Graduate Diploma, Sessions 1 and 2 Intake, Group A elective subjects must be chosen from the following listing. Group B electives can be appropriately picked from the complete list presented before. Students doing the Level 1 Graduate Diploma can also include HLT505Research Methods in Health Science A as a Group A elective.

Group A Electives

BMS511Processes of Pathology (1 + 2)
MRS580Image Guided Therapy (1 + 2)
MRS565Advanced Principles in CT* (1 + 2)
MRS564CT Practice & Trends* (1 + 2)
MRS574Chest & Abdomen Image Interpretation (1 + 2)
MRS575Appendicular & Axial Skeleton Image Interpretation (1 + 2)
HLT505Research Methods in Health Science A (for Grad. Dip. students)
MRS426Diagnostic Ultrasound** (1)
MRS432Computed Tomography** (2)

* To do these subjects, clinical access to CT is required.
** These elective subjects are not allowed if they (or their equivalents) have previously been successfully completed at U/G degree level.

Level 2 Masters Program (MRI)

Session 1 Intake:

Year 1

Session 1
MRS555Advanced Principles in Magnetic Resonance Imaging (16)
and
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods

Session 2
Research Option
HLT506Health Masters Proposal
and
MRS555Advanced Principles in Magnetic Resonance Imaging (cont.)
Coursework Option
Elective (from Group A or B)
and
MRS555Advanced Principles in Magnetic Resonance Imaging (cont.)

Year 2

Session 1
Research Option

MRS554Magnetic Resonance Imaging Practice and Trends (16)
and
HLT508Health Masters Project (16)
Coursework Option
MRS554Magnetic Resonance Imaging Practice and Trends (16)
and
MRS544Clinical Sectional Anatomy
or
Elective (from Group A or B)

Session 2
Research Option
MRS554Magnetic Resonance Imaging Practice and Trends (cont.)
and
HLT508Health Masters Project (cont.)
Coursework Option
Elective (from Group A or B)
and
MRS554Magnetic Resonance Imaging Practice and Trends (cont.)

Year 3

Session 1
MRS513Digital Imaging Technology
and
HLT511Clinical Judgment and Decision Making

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science (Magnetic Resonance Imaging) MMedRadSc(MRI).

The available Group A elective subjects for this program, are listed at the end of the Level 2 MRI programs presented here. The Group B Electives are shown at the end of the Level 1 CT programs, presented earlier in this Field.

Level 2 Graduate Diploma Program (MRI)

Session 1 Intake:

Year 1

Session 1
MRS555Advanced Principles in Magnetic Resonance Imaging (16)
and

MRS554Magnetic Resonance Imaging Practice and Trends (16)

Session 2
MRS555Advanced Principles in Magnetic Resonance Imaging (cont.)
and
MRS554Magnetic Resonance Imaging Practice and Trends (cont.)

Year 2

Session 1
MRS513Digital Imaging Technology
and
HLT511Clinical Judgment and Decision Making

Successful completion of the above subjects will allow exit at this point from the program, for students wishing to graduate with the award Graduate Diploma of Magnetic Resonance Imaging GradDipMRI.

Level 2 Masters Program (MRI)

Session 2 Intake:

Year 1

Session 2
HLT511Clinical Judgment and Decision Making
and
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods

Year 2

Session 1
MRS513Digital Imaging Technology
and
MRS555Advanced Principles in Magnetic Resonance Imaging (16)

Session 2
Research Option
HLT506Health Masters Proposal
and
MRS555Advanced Principles in Magnetic Resonance Imaging (cont.)

Coursework Option
Elective (from Group A or B)
and
MRS555Advanced Principles in Magnetic Resonance Imaging (cont.)

Year 3

Session 1
Research Option
MRS554Magnetic Resonance Imaging Practice and Trends (16)
and
HLT508Health Masters Project (16)
Coursework Option
MRS554Magnetic Resonance Imaging Practice and Trends (16)
and
MRS544Clinical Sectional Anatomy
or
Elective (from Group A or B)

Session 2
Research Option
MRS554Magnetic Resonance Imaging Practice and Trends (cont.)
and
HLT508Health Masters Project (cont.)
Coursework Option
Elective (from Group A or B)
and
MRS554Magnetic Resonance Imaging Practice and Trends (cont.)

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science (Magnetic Resonance Imaging) MMedRadSc(MRI).

The available Group A elective subjects for this program, are listed at the end of the Level 2 MRI programs presented here. The Group B Electives are shown at the end of the Level 1 CT programs, presented earlier in this Field.

Level 2 Graduate Diploma Program (MRI)

Session 2 Intake:

Year 1

Session 2

HLT511Clinical Judgment and Decision Making

Year 2

Session 1
MRS555Advanced Principles in Magnetic Resonance Imaging (16)
and
MRS554Magnetic Resonance Imaging Practice and Trends (16)

Session 2
MRS555Advanced Principles in Magnetic Resonance Imaging (cont.)
and
MRS554Magnetic Resonance Imaging Practice and Trends (cont.)

Year 3

Session 1
MRS513Digital Imaging Technology

Successful completion of the above subjects will allow exit at this point from the program, for students wishing to graduate with the award Graduate Diploma of Magnetic Resonance Imaging GradDipMRI.

For the Level 2 Masters, Session 1 and 2 Intake, Group A elective subjects must be chosen from the following listing. Group B elective subjects can be appropriately picked from the complete list presented earlier, at the end of the Level 1 CT programs.

Group A Electives

BMS511Processes of Pathology (1 + 2)
MRS580Image Guided Therapy (1 + 2)
MRS565Advanced Principles in CT* (1 + 2)
MRS564CT Practice & Trends* (1 + 2)
MRS574Chest & Abdomen Image Interpretation (1 + 2)
MRS575Appendicular & Axial Skeleton Image Interpretation (1 + 2)
MRS426Diagnostic Ultrasound** (1)
MRS432Computed Tomography** (2)

* To do these subjects, clinical access to CT is required.
** These Electives are not allowed if they (or their equivalents) have previously been successfully completed at U/G degree level.

Level 3 Masters Program (MRI)

Session 1 Intake:

Year 1

Session 1
MRS555Advanced Principles in Magnetic Resonance Imaging (16)
and
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods

Session 2
Research Option
HLT506Health Masters Proposal
and
MRS555Advanced Principles in Magnetic Resonance Imaging (cont.)
Coursework Option
Elective (from Group A or B)
and
MRS555Advanced Principles in Magnetic Resonance Imaging (cont.)

Year 2

Session 1
Research Option
MRS554Magnetic Resonance Imaging Practice and Trends (16)
and
HLT508Health Masters Project (16)
Coursework Option
MRS513Digital Imaging Technology
and
MRS554Magnetic Resonance Imaging Practice and Trends (16)

Session 2
Research Option
MRS554Magnetic Resonance Imaging Practice and Trends (cont.)
and
HLT508Health Masters Project (cont.)
Coursework Option
HLT511Clinical Judgment and Decision Making
and
MRS554Magnetic Resonance Imaging Practice and Trends (cont.)

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science (Magnetic Resonance Imaging) MMedRadSc(MRI).

The available Group A elective subjects for this program, are listed at the end of the Level 3 MRI programs presented here. The Group B Electives are shown at the end of the Level 1 CT programs, presented earlier in this Field.

Level 3 Masters Program (MRI)

Session 2 Intake:

Year 1

Session 2
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods

Year 2

Session 1
MRS555Advanced Principles in Magnetic Resonance Imaging (16)

Session 2
Research Option
HLT506Health Masters Proposal
and
MRS555Advanced Principles in Magnetic Resonance Imaging (cont.)
Coursework Option
Elective (from Group A or B)
and
MRS555Advanced Principles in Magnetic Resonance Imaging (cont.)

Year 3

Session 1
Research Option
MRS554Magnetic Resonance Imaging Practice and Trends (16)
and
HLT508Health Masters Project (16)
Coursework Option
MRS513Digital Imaging Technology
and

MRS554Magnetic Resonance Imaging Practice and Trends (16)

Session 2
Research Option
MRS554Magnetic Resonance Imaging Practice and Trends (cont.)
and
HLT508Health Masters Project (cont.)
Coursework Option
HLT511Clinical Judgment and Decision Making
and
MRS554Magnetic Resonance Imaging Practice and Trends (cont.)

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science (Magnetic Resonance Imaging) MMedRadSc(MRI).

For the Level 3 Masters, Session 1 and 2 Intake, there is one available Group A elective subject, which can be chosen if desired. Group B elective subjects can be appropriately picked from the list shown at the end of the Level 1 CT programs (presented earlier in this Field).

Group A Elective

MRS432Computed Tomography
This elective subject is not allowed if it (or its equivalent) has previously been successfully completed at U/G degree level.

3. Radiographic Image Interpretation (RII) specialisation

Level 1 Masters Program

Session 1 Intake:

Year 1

Session 1
BMS511Processes of Pathology (16)
and
MRS575Appendicular and Axial Skeleton Image Interpretation (16)

Session 2
BMS511Processes of Pathology (cont.)
and
MRS575Appendicular and Axial Skeleton Image Interpretation (cont.)

Year 2

Session 1
MRS574Chest and Abdomen Image Interpretation (16)
and
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods

Session 2
Research Option
HLT506Health Masters Proposal
and
MRS574Chest and Abdomen Image Interpretation (cont.)
Coursework Option
Elective (from Group A or B)
and
MRS574Chest and Abdomen Image Interpretation (cont.)

Year 3

Session 1
Research Option
HLT509Health Masters Dissertation (32)
Coursework Option
MRS544Clinical Sectional Anatomy
and
Elective (from Group A or B)

Session 2
Research Option
HLT509Health Masters Dissertation (cont.)
Coursework Option
HLT511Clinical Judgment and Decision Making
and
Elective (from Group A or B)

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science (Radiographic Image Interpretation) MMedRadSc(RadiogImageInt).

The available Group A elective subjects for this program are presented at the end of the

Level 1 RII programs presented here. Group B elective subjects are shown at the end of the Level 1 CT programs, presented earlier in this Field.

Students are advised that if they do not study BMS511Processes of Pathology and MRS575Appendicular and Axial Skeleton Image Interpretation together, they should complete BMS511prior to MRS575.

Level 1 Graduate Diploma Program (RII)

Session 1 Intake:

Year 1

Session 1
BMS511Processes of Pathology (16)
and
MRS575Appendicular and Axial Skeleton Image Interpretation (16)

Session 2
BMS511Processes of Pathology (cont.)
and
MRS575Appendicular and Axial Skeleton Image Interpretation (cont.)

Year 2

Session 1
MRS574Chest and Abdomen Image Interpretation (16)
and
MRS544Clinical Sectional Anatomy

Session 2
MRS574Chest and Abdomen Image Interpretation (cont.)
and
HLT511Clinical Judgment and Decision Making

Successful completion of the above subjects will allow exit at this point from the program, for students wishing to graduate with the award Graduate Diploma of Radiographic Image Interpretation GradDipRadiogImageInt.

Students are advised that if they do not study BMS511Processes of Pathology and MRS575Appendicular and Axial Skeleton Image Interpretation together, they should complete BMS511prior to MRS575.

Level 1 Masters Program (RII)

Session 2 Intake:

Year 1

Session 2
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods

Year 2

Session 1
BMS511Processes of Pathology (16)
and
MRS575Appendicular and Axial Skeleton Image Interpretation (16)

Session 2
BMS511Processes of Pathology (cont.)
and
MRS575Appendicular and Axial Skeleton Image Interpretation (cont.)

Year 3

Session 1
MRS574Chest and Abdomen Image Interpretation (16)

Session 2
Research Option
HLT506Health Masters Proposal
and
MRS574Chest and Abdomen Image Interpretation (cont.)
Coursework Option
Elective (from Group A or B)
and
MRS574Chest and Abdomen Image Interpretation (cont.)

Year 4

Session 1
Research Option
HLT509Health Masters Dissertation (32)
Coursework Option
MRS544Clinical Sectional Anatomy
and

Elective (from Group A or B)

Session 2
Research Option
HLT509Health Masters Dissertation (cont.)
Coursework Option
HLT511Clinical Judgment and Decision Making
and
Elective (from Group A or B)

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science (Radiographic Image Interpretation) MMedRadSc(RadiogImageInt).

The available Group A elective subjects for this program are presented at the end of the Level 1 RII programs presented here. Group B elective subjects are shown at the end of the Level 1 CT programs, presented earlier in this Field.

Students are advised that if they do not study BMS511Processes of Pathology and MRS575Appendicular and Axial Skeleton Image Interpretation together, they should complete BMS511prior to MRS575.

Level 1 Graduate Diploma Program (RII)

Session 2 Intake:

Year 1

Session 2
HLT511Clinical Judgment and Decision Making

Year 2

Session 1
BMS511Processes of Pathology (16)
and
MRS575Appendicular and Axial Skeleton Image Interpretation (16)

Session 2
BMS511Processes of Pathology (cont.)
and
MRS575Appendicular and Axial Skeleton Image Interpretation (cont.)

Year 3

Session 1
MRS574Chest and Abdomen Image Interpretation (16)
and
MRS544Clinical Sectional Anatomy

Session 2
MRS574Chest and Abdomen Image Interpretation (cont.)

Successful completion of the above subjects will allow exit at this point from the program, for students wishing to graduate with the award Graduate Diploma of Radiographic Image Interpretation GradDipRadiogImageInt.

Students are advised that if they do not study BMS511Processes of Pathology and MRS575Appendicular and Axial Skeleton Image Interpretation together, they should complete BMS511prior to MRS575.

For the Level 1 Masters, Session 1 and 2 Intake, Group A elective subjects must be chosen from the following listing. Group B electives can be appropriately picked from the complete list presented before.

Group A Electives

MRS513Digital Imaging Technology (1)
MRS555Advanced Principles in MRI* ,#(1 + 2)
MRS565Advanced Principles in CT* ,#(1 + 2)
MRS554MRI Practice & Trends* (1 + 2)
MRS564CT Practice & Trends* (1 + 2)
MRS580Image Guided Therapy (1 + 2)
MRS426Diagnostic Ultrasound** (1)
MRS432Computed Tomography** (2)
MRS434Magnetic Resonance Imaging** (2)

* To do these subjects, clinical access to MRI/CT is required.
** These Electives are not allowed if they (or their equivalents) have previously been successfully completed at U/G degree level.
# Note that MRS555cannot be chosen if MRS434is picked, and MRS565cannot be chosen if MRS432is picked.

Level 2 Masters Program (RII)

Session 1 Intake:

Year 1

Session 1
BMS511Processes of Pathology (16)
and
MRS575Appendicular and Axial Skeleton Image Interpretation (16)

Session 2
BMS511Processes of Pathology (cont.)
and
MRS575Appendicular and Axial Skeleton Image Interpretation (cont.)

Year 2

Session 1
MRS574Chest and Abdomen Image Interpretation (16)
and
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods

Session 2
Research Option
HLT506Health Masters Proposal
and
MRS574Chest and Abdomen Image Interpretation (cont.)
Coursework Option
Elective (from Group A or B)
and
MRS574Chest and Abdomen Image Interpretation (cont.)

Year 3

Session 1
Research Option
HLT508Health Masters Project (16)
Coursework Option
MRS544Clinical Sectional Anatomy
and
HLT511Clinical Judgment and Decision Making

Session 2
Research Option
HLT508Health Masters Project (cont.)

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science (Radiographic Image Interpretation) MMedRadSc(RadiogImageInt).

The available Group A elective subjects for this program are presented at the end of the Level 2 RII programs presented here. Group B elective subjects are shown at the end of the Level 1 CT programs, presented earlier in this Field.

Students are advised that if they do not study BMS511Processes of Pathology and MRS575Appendicular and Axial Skeleton Image Interpretation together, they should complete BMS511prior to MRS575.

Level 2 Graduate Diploma Program (RII)

Session 1 Intake:

Year 1

Session 1
BMS511Processes of Pathology (16)
and
MRS575Appendicular and Axial Skeleton Image Interpretation (16)

Session 2
BMS511Processes of Pathology (cont.)
and
MRS575Appendicular and Axial Skeleton Image Interpretation (cont.)

Year 2

Session 1
MRS574Chest and Abdomen Image Interpretation (16)

Session 2
MRS574Chest and Abdomen Image Interpretation (cont.)

Successful completion of the above subjects will allow exit at this point from the

program, for students wishing to graduate with the award Graduate Diploma of Radiographic Image Interpretation GradDipRadiogImageInt.

Students are advised that if they do not study BMS511Processes of Pathology and MRS575Appendicular and Axial Skeleton Image Interpretation together, they should complete BMS511prior to MRS575.

Level 2 Masters Program (RII)

Session 2 Intake:

Year 1

Session 2
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods

Year 2

Session 1
BMS511Processes of Pathology (16)
and
MRS575Appendicular and Axial Skeleton Image Interpretation (16)

Session 2
BMS511Processes of Pathology (cont.)
and
MRS575Appendicular and Axial Skeleton Image Interpretation (cont.)

Year 3

Session 1
MRS574Chest and Abdomen Image Interpretation (16)

Session 2
Research Option
HLT506Health Masters Proposal
and
MRS574Chest and Abdomen Image Interpretation (cont.)
Coursework Option
Elective (from Group A or B)
and
MRS574Chest and Abdomen Image Interpretation (cont.)

Year 4

Session 1
Research Option
HLT508Health Masters Project (16)
Coursework Option
MRS544Clinical Sectional Anatomy
and
HLT511Clinical Judgment and Decision Making

Session 2
Research Option
HLT508Health Masters Project (cont.)

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science (Radiographic Image Interpretation) MMedRadSc(RadiogImageInt).

Students are advised that if they do not study BMS511Processes of Pathology and MRS575Appendicular and Axial Skeleton Image Interpretation together, they should complete BMS511prior to MRS575.

For the Level 2 Masters, Session 1 and 2 Intake, there are only a few available Group A elective subjects, which may be chosen (if desired). Group B electives can be appropriately picked from the complete list presented before.

Group A Electives

MRS432Computed Tomography*
MRS434Magnetic Resonance Imaging*
* These Electives are not allowed if they (or their equivalents) have previously been successfully completed at U/G degree level.

Note, that there is no Level 2 Graduate Diploma (RII) program for Session 2 Intake. It is not possible for Session 2 Intake students in Level 2 Master of Medical Radiation Science (Radiographic Image Interpretation) program, to exit with a Graduate Diploma with the minimum required 48 subject points. It is a requirement to complete the key subjects MRS574, MRS575and BMS511to gain a Graduate Diploma in RII. However, these 16-point subjects do not commence in Session 2. Hence an extra 8-point subject would need to be taken in the commencing Session 2. Students are recommended to enrol in Session 1 and follow the Level 2 Graduate Diploma program for Session 1 Intake, if their wish is to exit with a Graduate Diploma. Students should contact the Program Leader if they feel they have to exit the Level 2, Session 2 Intake Masters RII program with a Graduate Diploma.

Also note, that Level 3 Masters programs do NOT exist in the RII specialisation.

4. Nuclear Medicine (NM) specialisation

Level 1 Masters Program

Session 1 Intake:

Year 1

Session 1
MRS544Clinical Sectional Anatomy
and
NMT500Advanced Practice in Nuclear Medicine (16)

Session 2
HLT511Clinical Judgment and Decision Making
and
NMT500Advanced Practice in Nuclear Medicine (cont.)

Year 2

Session 1
PHM412Radiopharmacy
and
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods

Session 2
Research Option
HLT506Health Masters Proposal
and
MRS432Computed Tomography
Coursework Option
Elective (from Group A or B)
and
MRS432Computed Tomography

Year 3

Session 1
Research Option

HLT509Health Masters Dissertation (32)
Coursework Option
Elective (from Group A)
and
Elective (from Group A or B)

Session 2
Research Option
HLT509Health Masters Dissertation (cont.)
Coursework Option
Elective (from Group A)
and
Elective (from Group A or B)

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science (Nuclear Medicine) MMedRadSc(NucMed).

The Group A Electives available for this program are the same as those for the Level 1 Masters (NM) program for Session 2 Intake. The Electives are detailed in the latter section. The Group B selection is the complete listing, as presented before.

Level 1 Graduate Diploma Program (NM)

Session 1 Intake:

Year 1

Session 1
MRS544Clinical Sectional Anatomy
and
NMT500Advanced Practice in Nuclear Medicine (16)

Session 2
HLT511Clinical Judgment and Decision Making
and
NMT500Advanced Practice in Nuclear Medicine (cont.)

Year 2

Session 1
PHM412Radiopharmacy
and
Elective (from Group A or B)

Session 2
MRS432Computed Tomography
and
MRS434Magnetic Resonance Imaging

Successful completion of the above subjects will allow exit at this point from the program, for students wishing to graduate with the award Graduate Diploma of Nuclear Medicine GradDipNucMed.

The Group A Elective choice for this program is the same as that for the Level 1 Graduate Diploma program for Session 2 Intake. The Electives are detailed in the latter section. The Group B choice is the complete listing, as presented before.

Level 1 Masters Program (NM)

Session 2 Intake:

Year 1

Session 2
MRS432Computed Tomography
and
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods

Year 2

Session 1
NMT500Advanced Practice in Nuclear Medicine (16)
and
PHM412Radiopharmacy

Session 2
Research Option
HLT506Health Masters Proposal
and
NMT500Advanced Practice in Nuclear Medicine (cont.)
Coursework Option
Elective (from Group A or B)
and
NMT500Advanced Practice in Nuclear Medicine (cont.)

Year 3

Session 1
Research Option
HLT509Health Masters Dissertation (32)
Coursework Option
Elective (from Group A)
and
Elective (from Group A or B)

Session 2
Research Option
HLT509Health Masters Dissertation (cont.)
Coursework Option
Elective (from Group A)
and
Elective (from Group A or B)

Year 4

Session 1
HLT511Clinical Judgment and Decision Making
and
MRS544Clinical Sectional Anatomy

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science (Nuclear Medicine) MMedRadSc(NucMed).

Group A Electives for Level 1 Masters programs in NM for both Session 1 and 2 Intakes:

BMS511Processes of Pathology (1 + 2)
MRS580Image Guided Therapy (1 + 2)
MRS513Digital Imaging Technology (1)
MRS555Advanced Principles in MRI* (1 + 2)
MRS565Advanced Principles in CT* (1 + 2)
MRS575Appendicular & Axial Skeleton Image Interpretation (1 + 2)
MRS554MRI Practice & Trends* (1 + 2)
MRS564CT Practice & Trends* (1 + 2)
MRS574Chest & Abdomen Image Interpretation (1 + 2)
MRS426Diagnostic Ultrasound** (1)
MRS434Magnetic Resonance Imaging** [1](2)

* To do these subjects, clinical access to MRI/CT is required.

**These Electives are not allowed if they (or their equivalents) have previously been successfully completed at U/G degree level.
[1] MRS434cannot be chosen, if wishing to do MRS555.

The Group B choice is the full listing, as presented at the end of the Level 1 CT programs, earlier in this Field.

Level 1 Graduate Diploma Program (NM)

Session 2 Intake:

Year 1

Session 2
MRS432Computed Tomography
and
HLT511Clinical Judgment and Decision Making

Year 2

Session 1
NMT500Advanced Practice in Nuclear Medicine (16)
and
MRS544Clinical Sectional Anatomy

Session 2
MRS434Magnetic Resonance Imaging
and
NMT500Advanced Practice in Nuclear Medicine (cont.)

Year 3

Session 1
PHM412Radiopharmacy
and
Elective (from Group A or B)

Successful completion of the above subjects will allow exit at this point from the program, for students wishing to graduate with the award Graduate Diploma of Nuclear Medicine GradDipNucMed.

Group A Electives for Level 1 Graduate Diploma programs in NM for both Session 1 and 2 Intakes:

MRS513Digital Imaging Technology
MRS426Diagnostic Ultrasound*

* This Elective is not allowed if it (or its equivalent) has been successfully completed at U/G degree level.

The Group B choice is the full listing, as presented at the end of the Level 1 CT programs, earlier in this Field.

Level 2 Masters program (NM)

Session 1 Intake:

Year 1

Session 1
NMT500Advanced Practice in Nuclear Medicine (16)
and
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods

Session 2
Research Option
HLT506Health Masters Proposal
and
NMT500Advanced Practice in Nuclear Medicine (cont.)
Coursework Option
Elective (from Group A or B)
and
NMT500Advanced Practice in Nuclear Medicine (cont.)

Year 2

Session 1
Research Option
HLT509Health Masters Dissertation (32)
Coursework Option
Elective (from Group A or B)
and
MRS544Clinical Sectional Anatomy

Session 2
Research Option

HLT509Health Masters Dissertation (cont.)
Coursework Option
Elective (from Group A or B)
and
MRS432Computed Tomography*
or
Elective (from Group A or B)

* Students who have previously done Computed Tomography in their U/G studies, or who currently possess a CT ticket, should not enrol in
MRS432. Instead, they should do a Group A or B Elective.

Year 3

Session 1
PHM412Radiopharmacy
and
HLT511Clinical Judgment and Decision Making

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science (Nuclear Medicine) MMedRadSc(NucMed).

The Group A Elective choice for this program is the same as that for the Level 2 Masters program for Session 2 Intake. The elective subjects are presented in the latter section. The Group B choice is the complete listing, as presented at the end of the Level 1 CT programs.

Level 2 Graduate Diploma Program (NM)

Session 1 Intake:

Year 1

Session 1
NMT500Advanced Practice in Nuclear Medicine (16)
and
MRS544Clinical Sectional Anatomy

Session 2
NMT500Advanced Practice in Nuclear Medicine (cont.)

Year 2

Session 1
PHM412Radiopharmacy

Session 2
MRS432Computed Tomography*
or
Elective (from Group B)
and
MRS434Magnetic Resonance Imaging #
or
HLT511Clinical Judgment and Decision Making

* Students who have previously done Computed Tomography in their U/G studies, or who currently possess a CT ticket, should not enrol in MRS432. Instead, they should do a Group B elective subject.
# Students who have previously done Magnetic Resonance Imaging in their U/G studies, should not enrol in MRS434. Such students should pick HLT511.

Successful completion of the above subjects will allow exit at this point from the program, for students wishing to graduate with the award Graduate Diploma of Nuclear Medicine GradDipNucMed.

The Group B elective subjects are shown at the end of the Level 1 CT programs, presented earlier in this Field. The listing gives the session(s) of offering of the subjects, to allow students to appropriately choose.

Level 2 Masters Program (NM)

Session 2 Intake:

Year 1

Session 2
HLT511Clinical Judgment and Decision Making
and
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods

Year 2

Session 1
NMT500Advanced Practice in Nuclear Medicine (16)
and
PHM412Radiopharmacy

Session 2
Research Option
HLT506Health Masters Proposal
and
NMT500Advanced Practice in Nuclear Medicine (cont.)
Coursework Option
Elective (from Group A or B)
and
NMT500Advanced Practice in Nuclear Medicine (cont.)

Year 3

Session 1
Research Option
HLT509Health Masters Dissertation (32)
Coursework Option
Elective (from Group A or B)
and
MRS544Clinical Sectional Anatomy

Session 2
Research Option
HLT509Health Masters Dissertation (cont.)
Coursework Option
Elective (from Group A or B)
and
MRS432Computed Tomography*
or
Elective (from Group A or B)

* Students who have previously done Computed Tomography in their U/G studies, or who currently possess a CT ticket, should not enrol in MRS432. Instead, they should do a Group A or B elective subject.

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science (Nuclear Medicine) MMedRadSc(NucMed).

Group A Electives for Level 2 Masters programs in NM for both Session 1 and 2 Intakes:

BMS511Processes of Pathology (1 + 2)
MRS580Image Guided Therapy (1 + 2)
MRS513Digital Imaging Technology (1)
MRS555Advanced Principles in MRI* (1 + 2)
MRS575Appendicular & Axial Skeleton Image Interpretation (1 + 2)

MRS554MRI Practice & Trends* (1 + 2)
MRS564CT Practice & Trends* (1 + 2)
MRS426Diagnostic Ultrasound ** (1)
MRS434Magnetic Resonance Imaging ** ,[1](2)

* To do these subjects, clinical access to MRI/CT is required.
** These Electives are not allowed if they (or their equivalent) have been successfully completed at U/G degree level.
[1] MRS434cannot be chosen, if wishing to do MRS555.

The Group B elective subjects are shown at the end of the Level 1 CT programs, presented earlier in this Field.

Level 2 Graduate Diploma Program (NM)

Session 2 Intake:

Year 1

Session 2
MRS432Computed Tomography*
or
Elective (from Group B)
and
MRS434Magnetic Resonance Imaging [#]
or
HLT511Clinical Judgment and Decision Making

* Students who have previously done Computed Tomography in their U/G studies, or who currently possess a CT ticket, should not enrol in MRS432. Instead, they should do a Group B elective subject.
# Students who have previously done Magnetic Resonance Imaging in their U/G studies, should not enrol in MRS434. Such students should pick HLT511.

Year 2

Session 1
NMT500Advanced Practice in Nuclear Medicine (16)
and
MRS544Clinical Sectional Anatomy

Session 2
NMT500Advanced Practice in Nuclear Medicine (cont.)

Year 3

Session 1
PHM412Radiopharmacy

Successful completion of the above subjects will allow exit at this point from the program, for students wishing to graduate with the award Graduate Diploma of Nuclear Medicine GradDipNucMed.

The Group B elective subjects are shown at the end of the Level 1 CT programs, presented earlier in this Field. The listing gives the session(s) of offering of the subjects, to allow students to appropriately choose.

Level 3 Masters Program (NM)

Session 1 Intake:

Year 1

Session 1
PHM412Radiopharmacy
and
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods

Session 2
Research Option
HLT506Health Masters Proposal
and
MRS432Computed Tomography*
or
Elective (from Group A or B)
* Students who have previously done Computed Tomography in their U/G studies, or who currently possess a CT ticket, should not enrol in MRS432. Instead, they should do a Group A or B elective subject.
Coursework Option
Elective (from Group A or B)
and
MRS432Computed Tomography*
or
Elective (from Group A or B)
* Students who have previously done Computed Tomography in their U/G studies, or who currently possess a CT ticket, should not enrol in MRS432. Instead, they should do a Group

A or B Elective.

Year 2

Session 1
Research Option
HLT508Health Masters Project (16)
and
NMT500Advanced Practice in Nuclear Medicine (16)
Coursework Option
MRS544Clinical Sectional Anatomy
and
NMT500Advanced Practice in Nuclear Medicine (16)

Session 2
Research Option
HLT508Health Masters Project (cont.)
and
NMT500Advanced Practice in Nuclear Medicine (cont.)
Coursework Option
HLT511Clinical Judgment and Decision Making
and
NMT500Advanced Practice in Nuclear Medicine (cont.)

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science (Nuclear Medicine) MMedRadSc(NucMed).

For the session of offering, there is only one 8-point Group A elective subject available for this program. This is:

MRS434Magnetic Resonance Imaging

This elective is not allowed if it (or its equivalent) has been successfully completed at U/G degree level.

The Group B elective subjects are shown at the end of the Level 1 CT programs, presented earlier in this Field. The listing gives the session(s) of offering of the subjects, to allow students to appropriately choose.

Level 3 Masters Program (NM)

Session 2 Intake:

Year 1

Session 2
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods
and
MRS432Computed Tomography*
or
Elective (from Group A or B)
* Students who have previously done Computed Tomography in their U/G studies, or who currently possess a CT ticket, should not enrol in MRS432. Instead, they should do a Group A or B elective subject.

Year 2

Session 1
Research Option
HLT506Health Masters Proposal
and
NMT500Advanced Practice in Nuclear Medicine (16)
Coursework Option
MRS544Clinical Sectional Anatomy
and
NMT500Advanced Practice in Nuclear Medicine (16)

Session 2
Research Option
HLT508Health Masters Project (16)
and
NMT500Advanced Practice in Nuclear Medicine (cont.)
Coursework Option
HLT511Clinical Judgment and Decision Making
and
NMT500Advanced Practice in Nuclear Medicine (cont.)

Year 3

Session 1
Research Option
HLT508Health Masters Project (cont.)
and
PHM412Radiopharmacy
Coursework Option

Elective (from Group A or B)
and
PHM412Radiopharmacy

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science (Nuclear Medicine) MMedRadSc(NucMed).

The following are the Group A elective subjects available for this program. The electives are slightly different for the Research Option and Coursework Option pathways:

Group A Electives for Research Option:
MRS434Magnetic Resonance Imaging*
HLT511Clinical Judgment and Decision Making
* This elective is not allowed if it (or its equivalent) has been successfully completed at U/G degree level.

Group A Electives for Coursework Option:
MRS513Digital Imaging Technology
MRS426Diagnostic Ultrasound **
MRS434Magnetic Resonance Imaging **
** These electives are not allowed if they (or their equivalent) have been successfully completed at U/G degree level.

The Group B elective subjects are shown at the end of the Level 1 CT programs, presented earlier in this Field. The listing gives the session(s) of offering of the subjects, to allow students to appropriately choose.

5. Molecular Imaging (MolecImag) specialisation

Level 1 Masters Program

Session 1 Intake:

Year 1

Session 1
PHM412Radiopharmacy
and
NMT500Advanced Practice in Nuclear Medicine (16)

Session 2
HLT511Clinical Judgment and Decision Making
and

NMT500Advanced Practice in Nuclear Medicine (cont.)

Year 2

Session 1
MRS580Image Guided Therapy (16)
and
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods

Session 2
Research Option
HLT506Health Masters Proposal
and
MRS580Image Guided Therapy (cont.)
Coursework Option
Elective (from Group B)
and
MRS580Image Guided Therapy (cont.)

Year 3

Session 1
Research Option
HLT509Health Masters Dissertation (32)
Coursework Option
MRS555Advanced Principles in Magnetic Resonance Imaging* (16)
or
MRS565Advanced Principles in Computed Tomography* (16)
and
MRS554Magnetic Resonance Imaging Practice and Trends* (16)
or
MRS564Computed Tomography Practice and Trends* (16)

*Clinical access to MRI / CT will be necessary for these MRI / CT subjects

Session 2
Research Option
HLT509Health Masters Dissertation (cont.)
Coursework Option
MRS555Advanced Principles in Magnetic Resonance Imaging (cont.)
or
MRS565Advanced Principles in Computed Tomography (cont.)

and
MRS554Magnetic Resonance Imaging Practice and Trends (cont.)
or
MRS564Computed Tomography Practice and Trends (cont.)

(Note that clinical access to MRI / CT will be necessary for these MRI / CT subjects)

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science (Molecular Imaging) MMedRadSc(MolecImag).

The choice of a Group B elective subject can be made from viewing the listing shown earlier in this Field (at the end of the Level 1 CT programs).

Level 1 Graduate Diploma Program (MolecImag)

Session 1 Intake:

Year 1

Session 1
PHM412Radiopharmacy
and
NMT500Advanced Practice in Nuclear Medicine (16)

Session 2
HLT511Clinical Judgment and Decision Making
and
NMT500Advanced Practice in Nuclear Medicine (cont.)

Year 2

Session 1
MRS580Image Guided Therapy (16)
and
MRS554Magnetic Resonance Imaging Practice and Trends* (16)
or
MRS564Computed Tomography Practice and Trends* (16)

*Clinical access to MRI / CT will be necessary for MRS554/ MRS564

Session 2
MRS580Image Guided Therapy (cont.)
and

MRS554Magnetic Resonance Imaging Practice and Trends (cont.)
or
MRS564Computed Tomography Practice and Trends (cont.)

(Clinical access to MRI / CT will be necessary for MRS554/ MRS564)

Successful completion of the above subjects will allow exit at this point from the Masters program, for students wishing to graduate with the award Graduate Diploma of Molecular Imaging GradDipMolecImag.

Level 1 Masters Program (MolecImag)

Session 2 Intake:

Year 1

Session 2
HLT511Clinical Judgment and Decision Making
and
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods

Year 2

Session 1
PHM412Radiopharmacy
and
NMT500Advanced Practice in Nuclear Medicine (16)

Session 2
NMT500Advanced Practice in Nuclear Medicine (cont.)

Year 3

Session 1
MRS580Image Guided Therapy (16)

Session 2
Research Option
HLT506Health Masters Proposal
and
MRS580Image Guided Therapy (cont.)

Coursework Option
Elective (from Group B)
and
MRS580Image Guided Therapy (cont.)

Year 4

Session 1
Research Option
HLT509Health Masters Dissertation (32)
Coursework Option
MRS555Advanced Principles in Magnetic Resonance Imaging* (16)
or
MRS565Advanced Principles in Computed Tomography* (16)
and
MRS554Magnetic Resonance Imaging Practice and Trends* (16)
or
MRS564Computed Tomography Practice and Trends* (16)

Clinical access to MRI / CT will be necessary for these MRI / CT subjects

Session 2
Research Option
HLT509Health Masters Dissertation (cont.)
Coursework Option
MRS555Advanced Principles in Magnetic Resonance Imaging (cont.)
or
MRS565Advanced Principles in Computed Tomography (cont.)
and
MRS554Magnetic Resonance Imaging Practice and Trends (cont.)
or
MRS564Computed Tomography Practice and Trends (cont.)

(Clinical access to MRI / CT will be necessary for these MRI / CT subjects)

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science (Molecular Imaging) MMedRadSc(MolecImag).

The choice of a Group B elective subject can be made from viewing the listing shown earlier in this Field (at the end of the Level 1 CT programs).

Level 1 Graduate Diploma Program (MolecImag)

Session 2 Intake:

Year 1

Session 2
HLT511Clinical Judgment and Decision Making

Year 2

Session 1
NMT500Advanced Practice in Nuclear Medicine (16)
and
MRS554Magnetic Resonance Imaging Practice and Trends* (16)
or
MRS564Computed Tomography Practice and Trends* (16)

*Clinical access to MRI / CT will be necessary for these MRI / CT subjects

Session 2
NMT500Advanced Practice in Nuclear Medicine (cont.)
and
MRS554Magnetic Resonance Imaging Practice and Trends (cont.)
or
MRS564Computed Tomography Practice and Trends (cont.)

(Note that clinical access to MRI / CT will be necessary for these MRI / CT subjects)

Year 3

Session 1
MRS580Image Guided Therapy (16)
and
PHM412Radiopharmacy

Session 2
MRS580Image Guided Therapy (cont.)

Successful completion of the above subjects will allow exit at this point from the Masters program, for students wishing to graduate with the award Graduate Diploma of Molecular Imaging GradDipMolecImag.

Level 2 Masters Program (MolecImag)

Session 1 Intake:

Year 1

Session 1
NMT500Advanced Practice in Nuclear Medicine (16)
and
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods

Session 2
Research Option
HLT506Health Masters Proposal
and
NMT500Advanced Practice in Nuclear Medicine (cont.)
Coursework Option
Elective (from Group A or B)
and
NMT500Advanced Practice in Nuclear Medicine (cont.)

Year 2

Session 1
Research Option
MRS580Image Guided Therapy (16)
and
HLT508Health Masters Project (16)
Coursework Option
MRS580Image Guided Therapy (16)
and
MRS554Magnetic Resonance Imaging Practice and Trends* (16)
or
MRS564Computed Tomography Practice and Trends* (16)

*Clinical access to MRI / CT will be necessary for these MRI / CT subjects

Session 2
Research Option
MRS580Image Guided Therapy (cont.)
and
HLT508Health Masters Project (cont.)
Coursework Option
MRS580Image Guided Therapy (cont.)
and
MRS554Magnetic Resonance Imaging Practice and Trends (cont.)

or
MRS564Computed Tomography Practice and Trends (cont.)

(Clinical access to MRI / CT will be necessary for these MRI / CT subjects)

Year 3

Session 1
HLT511Clinical Judgment and Decision Making
and
PHM412Radiopharmacy*
or
Elective (from Group A or B)

* PHM412is a compulsory requirement of the course, but if this subject or its equivalent, has previously been successfully completed at U/G level, an Elective subject from Group A or B should be chosen. If not, PHM412must be completed.

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science (Molecular Imaging) MMedRadSc(MolecImag).

For this program, the following are the Group A Electives available:

MRS513Digital Imaging Technology (1)
MRS426Diagnostic Ultrasound** (1)
MRS434Magnetic Resonance Imaging** (2)
MRS432Computed Tomography** (2)
** These Electives are not allowed if they (or their equivalent) have been successfully completed at U/G degree level.

The choice of Group B elective subjects can be made from viewing the listing shown earlier in this Field (at the end of the Level 1 CT programs).

Level 2 Graduate Diploma Program (MolecImag)

Session 1 Intake:

Year 1

Session 1
MRS580Image Guided Therapy (16)
and
NMT500Advanced Practice in Nuclear Medicine (16)

Session 2
MRS580Image Guided Therapy (cont.)
and
NMT500Advanced Practice in Nuclear Medicine (cont.)

Year 2

Session 1
HLT511Clinical Judgment and Decision Making
and
PHM412Radiopharmacy*
or
Elective (from Group A or B)

* PHM412is a compulsory requirement of the course, but if this subject or its equivalent, has previously been successfully completed at U/G level, an Elective subject from Group A or B should be chosen. If not, PHM412must be completed.

Successful completion of the above subjects will allow exit at this point from the Masters program, for students wishing to graduate with the award Graduate Diploma of Molecular Imaging GradDipMolecImag.

For this program, the following are the Group A elective subjects available:

MRS513Digital Imaging Technology (1)
MRS426Diagnostic Ultrasound** (1)
** This elective subject is not allowed if it (or its equivalent) has been successfully completed at U/G degree level.

The choice of a Group B elective subject can be made from viewing the listing shown earlier in this Field (at the end of the Level 1 CT programs).

Level 2 Masters Program (MolecImag)

Session 2 Intake:

Year 1

Session 2
HLT511Clinical Judgment and Decision Making
and
HLT505Research Methods in Health Science A
or

BMS500Biomedical Research Methods

Year 2

Session 1
NMT500Advanced Practice in Nuclear Medicine (16)
and
PHM412Radiopharmacy*
or
Elective (from Group A or B)

* PHM412is a compulsory requirement of the course, but if this subject or its equivalent, has previously been successfully completed at U/G level, an elective subject from Group A or B should be chosen. If not, PHM412must be completed.

Session 2
Research option
HLT506Health Masters Proposal
and
NMT500Advanced Practice in Nuclear Medicine (cont.)
Coursework Option
Elective (from Group A or B)
and
NMT500Advanced Practice in Nuclear Medicine (cont.)

Year 3

Session 1
Research Option
MRS580Image Guided Therapy (16)
and
HLT508Health Masters Project (16)
Coursework Option
MRS580Image Guided Therapy (16)
and
MRS554Magnetic Resonance Imaging Practice and Trends* (16)
or
MRS564Computed Tomography Practice and Trends* (16)

*Clinical access to MRI / CT will be necessary for these MRI / CT subjects

Session 2
Research Option
MRS580Image Guided Therapy (cont.)

and
HLT508Health Masters Project (cont.)
Coursework Option
MRS580Image Guided Therapy (cont.)
and
MRS554Magnetic Resonance Imaging Practice and Trends (cont.)
or
MRS564Computed Tomography Practice and Trends (cont.)

(Clinical access to MRI / CT will be necessary for these MRI / CT subjects)

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science (Molecular Imaging) MMedRadSc(MolecImag).

For this program, the following are the Group A Electives available:

MRS513Digital Imaging Technology (1)
MRS426Diagnostic Ultrasound** (1)
MRS434Magnetic Resonance Imaging** (2)
MRS432Computed Tomography** (2)

** These Electives are not allowed if they (or their equivalent) have been successfully completed at U/G degree level.

The choice of Group B elective subjects can be made from viewing the listing shown earlier in this Field (at the end of the Level 1 CT programs).

Level 2 Graduate Diploma Program (MolecImag)

Session 2 Intake:

Year 1

Session 2
HLT511Clinical Judgment and Decision Making

Year 2

Session 1
MRS580Image Guided Therapy (16)
and
NMT500Advanced Practice in Nuclear Medicine (16)

Session 2

MRS580Image Guided Therapy (cont.)
and
NMT500Advanced Practice in Nuclear Medicine (cont.)

Year 3

Session 1
PHM412Radiopharmacy*
or
Elective (from Group A or B)

* PHM412is a compulsory requirement of the course, but if this subject or its equivalent, has previously been successfully completed at U/G level, an Elective subject from Group A or B should
be chosen. If not, PHM412must be completed.

Successful completion of the above subjects will allow exit at this point from the Masters program, for students wishing to graduate with the award Graduate Diploma of Molecular Imaging GradDipMolecImag.

For this program, the following are the Group A elective subjects available:

MRS513Digital Imaging Technology (1)
MRS426Diagnostic Ultrasound** (1)

** This elective subject is not allowed if it (or its equivalent) has been successfully completed at U/G degree level.

The choice of a Group B elective subject can be made from viewing the listing shown earlier in this Field (at the end of the Level 1 CT programs).

Level 3 Masters Program (MolecImag)

Session 1 Intake:

Year 1

Session 1
NMT500Advanced Practice in Nuclear Medicine (16)
and
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods

Session 2
Research Option
HLT506Health Masters Proposal
and
NMT500Advanced Practice in Nuclear Medicine (cont.)
Coursework Option
Elective (from Group A or B)
and
NMT500Advanced Practice in Nuclear Medicine (cont.)

Year 2

Session 1
Research Option
MRS580Image Guided Therapy (16)
and
HLT508Health Masters Project (16)
Coursework Option
MRS580Image Guided Therapy (16)
and
MRS554Magnetic Resonance Imaging Practice and Trends* (16)
or
MRS564Computed Tomography Practice and Trends* (16)

*Clinical access to MRI / CT will be necessary for these MRI / CT subjects

Session 2
Research Option
MRS580Image Guided Therapy (cont.)
and
HLT508Health Masters Project (cont.)
Coursework Option
MRS580Image Guided Therapy (cont.)
and
MRS554Magnetic Resonance Imaging Practice and Trends (cont.)
or
MRS564Computed Tomography Practice and Trends (cont.)

(Note that clinical access to MRI / CT will be necessary for these MRI / CT subjects)

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science (Molecular Imaging) MMedRadSc(MolecImag).

For this program, the following are the Group A Electives available:

MRS432Computed Tomography* (2)
MRS434Magnetic Resonance Imaging* (2)
HLT511Clinical Judgment & Decision Making (1, 2)

* These Electives are not allowed if they (or their equivalent) have previously been successfully completed at U/G degree level.

The choice of a Group B elective subject can be made from viewing the listing shown earlier in this Field (at the end of the Level 1 CT programs).

Level 3 Masters Program (MolecImag)

Session 2 Intake:

Year 1

Session 2
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods

Year 2

Session 1
NMT500Advanced Practice in Nuclear Medicine (16)

Session 2
Research Option
HLT506Health Masters Proposal
and
NMT500Advanced Practice in Nuclear Medicine (cont.)
Coursework Option
Elective (from Group A or B)
and
NMT500Advanced Practice in Nuclear Medicine (cont.)

Year 3

Session 1
Research Option
MRS580Image Guided Therapy (16)
and
HLT508Health Masters Project (16)
Coursework Option

MRS580Image Guided Therapy (16)
and
MRS554Magnetic Resonance Imaging Practice and Trends* (16)
or
MRS564Computed Tomography Practice and Trends* (16)

*Clinical access to MRI / CT will be necessary for these MRI / CT subjects

Session 2
Research Option
MRS580Image Guided Therapy (cont.)
and
HLT508Health Masters Project (cont.)
Coursework Option
MRS580Image Guided Therapy (cont.)
and
MRS554Magnetic Resonance Imaging Practice and Trends (cont.)
or
MRS564Computed Tomography Practice and Trends (cont.)

(Note that clinical access to MRI / CT will be necessary for these MRI / CT subjects)

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science (Molecular Imaging) MMedRadSc(MolecImag).

For this program, the following are the Group A Electives available:

MRS432Computed Tomography* (2)
MRS434Magnetic Resonance Imaging* (2)
HLT511Clinical Judgment & Decision Making (1, 2)

* These Electives are not allowed if they (or their equivalent) have previously been successfully completed at U/G degree level.

The choice of Group B elective subjects are shown at the end of the Level 1 CT programs, dealt with earlier in this Field.

6. Generic Master of Medical Radiation Science Course

Level 1 Masters Program

Session 1 Intake:

Year 1

Session 1
MRS544Clinical Sectional Anatomy
and
Elective (from Group A)

Session 2
HLT511Clinical Judgment and Decision Making
and
Elective (from Group A)

Year 2

Session 1
Elective (from Group A or B)
and
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods

Session 2
Research Option
HLT506Health Masters Proposal
and
Elective (from Group A or B)
Coursework Option
Elective (from Group A or B)
and
Elective (from Group A or B)

Year 3

Session 1
Research Option
HLT509Health Masters Dissertation (32)
Coursework Option
Elective (from Group A)
and
Elective (from Group A or B)

Session 2
Research Option
HLT509Health Masters Dissertation (cont.)
Coursework Option

Elective (from Group A)
and
Elective (from Group A or B)

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science MMedRadSc.

For this program, the entire suite of Group A elective subjects is available. This is shown further on, at the end of the Level 2 programs in this specialisation. For coursework option students, the provision of Group A elective slots in consecutive Sessions 1 and 2, will allow two-session (16-point) Group A elective subjects to be chosen.

The choice of Group B elective subjects can be made from the listing, shown at the end of the Level 1 CT programs (presented earlier in this Field).

Level 1 Graduate Diploma Program (Generic Course)

Session 1 Intake:

Year 1

Session 1
MRS544Clinical Sectional Anatomy
and
Elective (from Group A)

Session 2
HLT511Clinical Judgment and Decision Making
and
Elective (from Group A)

Year 2

Session 1
Elective (from Group A)
and
Elective (from Group A or B)

Session 2
Elective (from Group A)
and
Elective (from Group A or B)

Successful completion of the above subjects will allow exit at this point from the

Masters program, for students wishing to graduate with the award Graduate Diploma of Medical Radiation Science GradDipMedRadSc.

For this program, the entire suite of Group A elective subjects is available. The listing is shown further on, at the end of the Level 2 programs in this specialisation. The provision of Group A elective slots in consecutive Sessions 1 and 2, will allow two-session (16-point) Group A elective subjects to be chosen.

The choice of Group B elective subjects can be made from the listing shown earlier in this Field (at the end of the Level 1 CT programs).

Level 1 Masters Program (Generic Course)

Session 2 Intake:

Year 1

Session 2
HLT511Clinical Judgment and Decision Making
and
Elective (from Group A or B)

Year 2

Session 1
Elective (from Group A)
and
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods

Session 2
Research Option
HLT506Health Masters Proposal
and
Elective (from Group A)
Coursework Option
Elective (from Group A or B)
and
Elective (from Group A)

Year 3

Session 1

Research Option
HLT509Health Masters Dissertation (32)
Coursework Option
Elective (from Group A)
and
Elective (from Group A or B)

Session 2
Research Option
HLT509Health Masters Dissertation (cont.)
Coursework Option
Elective (from Group A)
and
Elective (from Group A or B)

Year 4

Session 1
MRS544Clinical Sectional Anatomy
and
Elective (from Group A)

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science MMedRadSc.

For this program, the entire suite of Group A elective subjects is available. This is shown at the end of the Level 2 programs in this specialisation. For coursework option students, the provision of Group A elective slots in consecutive Sessions 1 and 2, will allow two-session (16-point) Group A elective subjects to be chosen.

The choice of Group B elective subjects can be made from the listing shown earlier in this Field (at the end of the Level 1 CT programs).

Level 1 Graduate Diploma Program (Generic Course)

Session 2 Intake:

Year 1

Session 2
HLT511Clinical Judgment and Decision Making
and
Elective (from Group A or B)

Year 2

Session 1
Elective (from Group A)
and
Elective (from Group A or B)

Session 2
Elective (from Group A)
and
Elective (from Group A or B)

Year 3

Session 1
MRS544Clinical Sectional Anatomy
and
Elective (from Group A or B)

Successful completion of the above subjects will allow exit at this point from the Masters program, for students wishing to graduate with the award Graduate Diploma of Medical Radiation Science GradDipMedRadSc.

For this program, the entire suite of Group A elective subjects is available. This is shown at the end of the Level 2 programs in this specialisation. The provision of Group A elective slots in consecutive Sessions 1 and 2, will allow two-session (16-point) Group A elective subjects to be chosen.

The choice of Group B elective subjects can be made from viewing the listing shown earlier in this Field (at the end of the Level 1 CT programs).

Level 2 Masters Program (Generic Course)

Session 1 Intake:

Year 1

Session 1
MRS544Clinical Sectional Anatomy
and
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods

Session 2
Research Option
HLT506Health Masters Proposal
and
HLT511Clinical Judgment and Decision Making
Coursework Option
Elective (from Group A or B)
and
HLT511Clinical Judgment and Decision Making

Year 2

Session 1
Research Option
HLT509Health Masters Dissertation (32)
Coursework Option
Elective (from Group A)
and
Elective (from Group A)

Session 2
Research Option
HLT509Health Masters Dissertation (cont.)
Coursework Option
Elective (from Group A)
and
Elective (from Group A)

Year 3

Session 1
Elective (from Group A or B)
and
Elective (from Group A or B)

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science MMedRadSc.

For this program, the entire suite of Group A elective subjects is available. This is shown at the end of the Level 2 programs in this specialisation. For coursework option students, the provision of Group A elective slots in consecutive Sessions 1 and 2, will allow two-session (16-point) Group A elective subjects to be chosen.

The choice of Group B elective subjects can be made from the listing shown earlier in this

Field (at the end of the Level 1 CT programs).

Level 2 Graduate Diploma Program (Generic Course)

Session 1 Intake:

Year 1

Session 1
MRS544Clinical Sectional Anatomy
and
Elective (from Group A)

Session 2
HLT511Clinical Judgment and Decision Making
and
Elective (from Group A)

Year 2

Session 1
Elective (from Group A or B)
and
Elective (from Group A or B)

Successful completion of the above subjects will allow exit at this point from the Masters program, for students wishing to graduate with the award Graduate Diploma of Medical Radiation Science GradDipMedRadSc.

For this program, the entire suite of Group A elective subjects is available. This is shown at the end of the Level 2 programs in this specialisation. The provision of Group A elective slots in consecutive Sessions 1 and 2, will allow two-session (16-point) Group A elective subjects to be chosen.

The choice of Group B elective subjects can be made from viewing the listing shown earlier in this Field (at the end of the Level 1 CT programs).

Level 2 Masters Program (Generic Course)

Session 2 Intake:

Year 1

Session 2

HLT511Clinical Judgment and Decision Making
and
Elective (from Group A or B)

Year 2

Session 1
MRS544Clinical Sectional Anatomy
and
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods

Session 2
Research Option
HLT506Health Masters Proposal
and
Elective (from Group A or B)
Coursework Option
Elective (from Group A or B)
and
Elective (from Group A or B)

Year 3

Session 1
Research Option
HLT509Health Masters Dissertation (32)
Coursework Option
Elective (from Group A)
and
Elective (from Group A)

Session 2
Research Option
HLT509Health Masters Dissertation (cont.)
Coursework Option
Elective (from Group A)
and
Elective (from Group A)

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science MMedRadSc.

For this program, the entire suite of Group A elective subjects is available. This is shown at the end of the Level 2 programs in this specialisation. For coursework option students, the provision of Group A elective slots in consecutive Sessions 1 and 2, will allow two-session (16-point) Group A elective subjects to be chosen.

The choice of Group B elective subjects can be made from the listing shown earlier in this Field (at the end of the Level 1 CT programs).

Level 2 Graduate Diploma Program (Generic Course)

Session 2 Intake:

Year 1

Session 2
HLT511Clinical Judgment and Decision Making
and
Elective (from Group A or B)

Year 2

Session 1
MRS544Clinical Sectional Anatomy
and
Elective (from Group A)

Session 2
Elective (from Group A or B)
and
Elective (from Group A)

Successful completion of the above subjects will allow exit at this point from the Masters program, for students wishing to graduate with the award Graduate Diploma of Medical Radiation Science GradDipMedRadSc.

For this program, as well as for all the other Level 1 and Level 2 Masters and Graduate Diploma programs in the Generic Course, the entire suite of Group A elective subjects available is, as shown:

Group A Electives

BMS511Processes of Pathology (1 + 2)
MRS580Image Guided Therapy (1 + 2)
MRS513Digital Imaging Technology (1)

MRS555Advanced Principles in MRI* (1 + 2)
MRS565Advanced Principles in CT* (1 + 2)
MRS575Appendicular & Axial Skeleton Image Interpretation (1 + 2)
MRS554MRI Practice & Trends* (1 + 2)
MRS564CT Practice & Trends* (1 + 2)
MRS574Chest & Abdomen Image Interpretation (1 + 2)
MRS426Diagnostic Ultrasound** (1)
MRS432Computed Tomography [1](2)
MRS434Magnetic Resonance Imaging [2](2)
*To do these subjects, clinical access to MRI/CT is required
** , [1], [2]These Electives are not allowed if they (or their equivalents) have previously been successfully completed at U/G degree level.
[1]Cannot be chosen, if wishing to do MRS565
[2]Cannot be chosen, if wishing to do MRS555

The provision of Group A elective slots in consecutive Sessions 1 and 2, will allow two-session (16-point) Group A elective subjects to be chosen. Note that these 16-point subjects only commence in Session 1.

The choice of Group B elective subjects can be made from viewing the listing shown earlier in this Field (at the end of the Level 1 CT programs).

Level 3 Masters Program (Generic Course)

Session 1 Intake:

Year 1

Session 1
MRS544Clinical Sectional Anatomy
and
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods

Session 2
Research Option
HLT506Health Masters Proposal
and
HLT511Clinical Judgment and Decision Making
Coursework Option
Elective (from Group A or B)
and
HLT511Clinical Judgment and Decision Making

Year 2

Session 1
Research Option
HLT509Health Masters Dissertation (32)
Coursework Option
Elective (from Group A)
and
Elective (from Group A or B)

Session 2
Research Option
HLT509Health Masters Dissertation (cont.)
Coursework Option
Elective (from Group A)
and
Elective (from Group A or B)

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science MMedRadSc.

The Group A elective subjects for this program, are the same as those for the Level 3 Masters program for Session 2 Intake. These electives will be identified at the end of the latter program (see next). For coursework option students, the provision of Group A elective slots in consecutive Sessions 1 and 2, will allow two-session (16-point) Group A elective subjects to be chosen.

The choice of Group B elective subjects can be made from the listing shown earlier in this Field (at the end of the Level 1 CT programs).

Level 3 Masters Program (Generic Course)

Session 2 Intake:

Year 1

Session 2
HLT511Clinical Judgment and Decision Making
and
HLT505Research Methods in Health Science A
or
BMS500Biomedical Research Methods

Year 2

Session 1
Research Option
HLT506Health Masters Proposal
and
MRS544Clinical Sectional Anatomy
Coursework Option
Elective (from Group A or B)
and
Elective (from Group A)

Session 2
Research Option
HLT509Health Masters Dissertation (32)
Coursework Option
Elective (from Group A or B)
and
Elective (from Group A)

Year 3

Session 1
Research Option
HLT509Health Masters Dissertation (cont.)
Coursework Option
MRS544Clinical Sectional Anatomy
and
Elective (from Group A or B)

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science MMedRadSc.

The Group A elective subjects for the two Level 3 Masters programs in the Generic Course are as follows:

Group A Electives

BMS511Processes of Pathology (1 + 2)
MRS580Image Guided Therapy (1 + 2)
MRS513Digital Imaging Technology (1)
MRS555Advanced Principles in MRI* (1 + 2)
MRS565Advanced Principles in CT* (1 + 2)
MRS575Appendicular & Axial Skeleton Image Interpretation (1 + 2)

MRS554MRI Practice & Trends* (1 + 2)
MRS564CT Practice & Trends* (1 + 2)
MRS574Chest & Abdomen Image Interpretation (1 + 2)

* To do these subjects, clinical access to MRI / CT is required.

For coursework option students, the provision of Group A elective slots in consecutive Sessions 1 and 2, will allow two-session (16-point) Group A elective subjects to be chosen.

The choice of Group B elective subjects can be made from the listing shown earlier in this Field (at the end of the Level 1 CT programs).

7. Internal Mode Program in the Computed Tomography specialisation

Level 1 Masters Program

Year 1

Session 1
MRS565Advanced Principles in Computed Tomography (16)
and
MRS544Clinical Sectional Anatomy
and
HLT430Research Methods in Health Sciences

Session 2
MRS565Advanced Principles in Computed Tomography (cont.)
and
HLT511Clinical Judgment and Decision Making
and
MRS513Digital Imaging Technology

Year 2

Session 1
MRS564Computed Tomography Practice and Trends (16)
and
MRS590Medical Radiation Science Clinical Placement (32)

Session 2
MRS564Computed Tomography Practice and Trends (cont.)
and
MRS590Medical Radiation Science Clinical Placement (cont.)

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science (Computed Tomography) MMedRadSc(CT).

This program is for onshore students only, and will allow, at Masters level, internal study and formal clinical training in CT, within Australia. The program is being introduced following high demand in certain countries, for Australian clinical training and CT Masters onshore study. International and Australian students doing the Master of Medical Radiation Science (Computed Tomography) by distance education (Specialisation 1, described earlier), will gain their clinical training while on the job and not through a formal clinical placement subject. Hence the two versions of the CT specialisation are tailored to different groups of applicants wanting to gain a Masters qualification in this field.

8. Internal Mode Program in the Magnetic Resonance Imaging specialisation

Level 1 Masters Program

Year 1

Session 1
MRS555Advanced Principles in Magnetic Resonance Imaging (16)
and
MRS544Clinical Sectional Anatomy
and
MRS513Digital Imaging Technology

Session 2
MRS555Advanced Principles in Magnetic Resonance Imaging (cont.)
and
HLT511Clinical Judgment and Decision Making
and
HLT505Research Methods in Health Sciences (PG)

Year 2

Session 1
MRS554Magnetic Resonance Imaging Practice and Trends (16)
and
MRS590Medical Radiation Science Clinical Placement (32)

Session 2
MRS554Magnetic Resonance Imaging Practice and Trends (cont.)
and
MRS590Medical Radiation Science Clinical Placement (cont.)

Students who successfully complete this program will graduate with the award Master of Medical Radiation Science (Magnetic Resonance Imaging) MMedRadSc(MRI).

This program is for onshore students only, and will allow, at Masters level, internal study and formal clinical training in MRI, within Australia. The program is being introduced following high demand in certain countries, for Australian clinical training and MRI Masters onshore study. International and Australian students doing the Master of Medical Radiation Science (Magnetic Resonance Imaging) by distance education (Specialisation 2, described earlier), will gain their clinical training while on the job and not through a formal clinical placement subject. Hence the two versions of the MRI specialisation are tailored to different groups of applicants wanting to gain a Masters qualification in this field.

Workplace learning

Please note that the following subjects may contain a Workplace Learning component.

MRS590 Medical Radiation Science Clinical Placement

Contact

For further information about Charles Sturt University, or this course offering, please contact info.csu on 1800 334 733 (free call within Australia) or email inquiry@csu.edu.au

The information contained in the 2016 CSU Handbook was accurate at the date of publication: October 2015. The University reserves the right to vary the information at any time without notice.

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