

PROGRAMME REGULATIONS

Programme Schedule

Postgraduate Diploma in Health Science

To be read in conjunction with the [Postgraduate Diploma Generic Regulations](#).

1. Programme Schedule

This Programme Schedule applies to the Postgraduate Diploma in Health Science (PGDipHSc) Level 8 Credits 120 with no endorsement, and also to the Postgraduate Diploma in Health Science (PGDipHSc) Level 8 Credits 120, with the following endorsements:

- Computed Tomography
- Magnetic Resonance Imaging
- Ultrasound
- Mammography
- Conventional Medical Imaging
- Clinical Management
- Radiation Therapy
- Education and Supervision

2. Programme Specific Admission Requirements and Special Admission

2.1 Programme Specific Admission Requirements

- i) In Medical Imaging specific courses; evidence of current clinical experience in the imaging modality being studied, or a confirmed, approved clinical training placement in relevant endorsed courses (Mammography, Ultrasound or MRI).
- ii) For applicants who do not hold a relevant undergraduate degree, evidence of the following criteria needs to be provided:
 - B grade or higher in a level 7 undergraduate degree course; or its equivalent; and
 - a relevant professional qualification; and
 - Clinical experience; and
 - A letter of support from his/her employer

iii) Evidence of an acceptable MRT qualification is required for entry to the MRT-specific courses.

iv) An applicant whose first language is not English, or Maori, must provide evidence of competence and understanding of written and spoken English, with an IELTS (Academic) band score of at least 7.5, with no band lower than 7.

2.2 Special admission

There are no special admission provisions for of the Postgraduate Diploma in Health Science.

3. Selection

3.1 Selection criteria

When the number of eligible applicants for admission exceeds the number of places available, the following selection criteria will be applied:

- professional qualifications that are relevant to the proposed field of study;
- assurance of commitment to undertaking all aspects of the programme and to meeting the learning outcomes;
- recommendation from employers;
- research interests which affiliate with those of the teaching staff;
- academic and clinical aptitude.

These criteria are not ranked in any order. Applicants who meet the greatest number of criteria will be the preferred applicants.

For some applicants a personal statement or short referenced essay might be requested to ascertain ability to communicate and express arguments coherently and at the appropriate level and to assess the level of personal motivation to complete the qualification.

4. Requirements for the Award of the Qualification

4.1 The award

To be awarded the Postgraduate Diploma in Health Science a candidate shall have successfully completed a series of four courses comprising a minimum of 120 credits, all at level 8, comprised of:

- The compulsory/elective requirements for each of the specific endorsements, as listed in Tables 1a to 1j.

4.2 Courses for the Postgraduate Diploma in Health Science

Table 1a: Courses for Computed Tomography

Compulsory courses are shown in **bold**.

Elective courses are shown in *italics*.

Level	Course No.	Course Name	Credits
Level 8			
8	HEAL8008	Advanced Clinical Practice	30
8	HEAL8009	Specialist Imaging Anatomy and Pathology	30
8	HEAL8014	Computed Tomography: Advanced Principles and Applications	30
8	<i>HEAL8002</i>	<i>Research Methods</i>	<i>30</i>
8	<i>HEAL8003</i>	<i>Professional Practice</i>	<i>30</i>
8	<i>HEAL8004</i>	<i>Negotiated Study</i>	<i>30</i>
8	<i>HEAL8005</i>	<i>Clinical Management</i>	<i>30</i>
8	<i>HEAL8007</i>	<i>Clinical Supervision</i>	<i>30</i>
8	<i>HEAL8010</i>	<i>Advanced Therapy Technology</i>	<i>30</i>
8	<i>HEAL8011</i>	<i>Special Topic</i>	<i>30</i>
8	<i>HEAL8012</i>	<i>Education for Clinical Practice</i>	<i>30</i>
8	<i>CISC 8004</i>	<i>Leadership in Practice</i>	<i>15</i>

Table 1b: Courses for Magnetic Resonance Imaging

Compulsory courses are shown in **bold**.

Elective courses are shown in *italics*.

Level	Course No.	Course Name	Credits
Level 8			
8	HEAL8009	Specialist Imaging Anatomy and Pathology	30
8	HEAL8013	Physical Principles of MRI	30
8	HEAL8021	Clinical Applications of MRI	30
8	<i>HEAL8002</i>	<i>Research Methods</i>	<i>30</i>
8	<i>HEAL8003</i>	<i>Professional Practice</i>	<i>30</i>
8	<i>HEAL8004</i>	<i>Negotiated Study</i>	<i>30</i>
8	<i>HEAL8005</i>	<i>Clinical Management</i>	<i>30</i>
8	<i>HEAL8007</i>	<i>Clinical Supervision</i>	<i>30</i>
8	<i>HEAL8010</i>	<i>Advanced Therapy Technology</i>	<i>30</i>
8	<i>HEAL8011</i>	<i>Special Topic</i>	<i>30</i>
8	<i>HEAL8012</i>	<i>Education for Clinical Practice</i>	<i>30</i>
8	<i>CISC 8004</i>	<i>Leadership in Practice</i>	<i>15</i>

Table 1c: Courses for Ultrasound (Registered Sonographers)

Compulsory courses are shown in **bold**.

Elective courses are shown in *italics*.

Level	Course No.	Course Name	Credits
Level 8			
8	DMU	Diploma in Medical Ultrasound Part 1 and 2 (credits recognition) (Ref: Section E. a)	60
8	HEAL8002	Research Methods	30
<i>8</i>	<i>HEAL8003</i>	<i>Professional Practice</i>	<i>30</i>
<i>8</i>	<i>HEAL8005</i>	<i>Clinical Management</i>	<i>30</i>
<i>8</i>	<i>HEAL8007</i>	<i>Clinical Supervision</i>	<i>30</i>
<i>8</i>	<i>HEAL8011</i>	<i>Special Topic</i>	<i>30</i>
<i>8</i>	<i>HEAL8012</i>	<i>Education for Clinical Practice</i>	<i>30</i>
<i>8</i>	<i>CISC 8004</i>	<i>Leadership in Practice</i>	<i>15</i>

Table 1d: Courses for Ultrasound (Sonography Students)

Compulsory courses are shown in **bold**.

Elective courses are shown in *italics*.

Level	Course No.	Course Name	Credits	Pre-requisite
Level 8				
8	HEAL8023	General Ultrasound	30	
8	HEAL8025	Ultrasound Technology	30	
8	HEAL8022	Obstetric and Gynaecological Ultrasound	30	HEAL8015 and HEAL8023 and HEAL8008 (Co)
8	HEAL8024	Clinical and Professional Issues in Ultrasound	30	
<i>8</i>	<i>HEAL8026</i>	<i>Negotiated Study</i>	<i>15</i>	
<i>8</i>	<i>CISC 8004</i>	<i>Leadership in Practice</i>	<i>15</i>	

Note 1. The programme Committee may at their discretion recognise equivalent training ie. That the pre-requisite courses for HEAL8022 Obstetric and Gynaecological Ultrasound be HEAL8023 General Ultrasound, HEAL8015 Ultrasound Technology, or their equivalent.

Note 2: Students who have not completed HEAL8017 and students who are required to upgrade HEAL8015 to HEAL8025 will be required to undertake a transition course of 15 credits (HEAL8026: Negotiated Study: 15 credits) and also enrol in HEAL 8008 in 2010/2011

Table 1e: Courses for Conventional Medical Imaging

Compulsory courses are shown in **bold**.

Elective courses are shown in *italics*.

Level	Course No.	Course Name	Credits	Prerequisites
Level 8				
8	HEAL8008	Advanced Clinical Practice	30	
8	HEAL8002	Research Methods	30	
8	<i>HEAL8003</i>	<i>Professional Practice</i>	30	
8	<i>HEAL8004</i>	<i>Negotiated Study</i>	30	
8	<i>HEAL8005</i>	<i>Clinical Management</i>	30	
8	<i>HEAL8007</i>	<i>Clinical Supervision</i>	30	
8	<i>HEAL8009</i>	<i>Specialist Imaging Anatomy & Pathology</i>	30	
8	<i>HEAL8011</i>	<i>Special Topic</i>	30	
8	<i>HEAL8012</i>	<i>Education for Clinical Practice</i>	30	
8	<i>HEAL8013</i>	<i>Physical Principles of MRI</i>	30	
8	<i>HEAL8014</i>	<i>CT: Advanced Principles & Applications</i>	30	
8	<i>HEAL8018</i>	<i>Image Interpretation: Trauma to the Appendicular Skeleton</i>	30	
8	<i>HEAL8019</i>	<i>Clinical Applications: Trauma to the Appendicular Skeleton</i>	30	Co-req <i>HEAL8018</i>
8	<i>HEAL8020</i>	<i>Principles & Applications of Breast Imaging</i>	30	
8	<i>HEAL8021</i>	<i>Clinical Applications of MRI</i>	30	
8	<i>CISC 8004</i>	<i>Leadership in Practice</i>	15	

Table 1f: Courses for Mammography

Compulsory courses are shown in **bold**.

Elective courses are shown in *italics*.

Level	Course No.	Course Name	Credits	Prerequisites
Level 8				
8	HEAL8008	Advanced Clinical Practice	30	
8	HEAL8002	Research Methods	30	
8	HEAL8020	Principles & Applications of Breast Imaging	30	
8	<i>HEAL8003</i>	<i>Professional Practice</i>	30	
8	<i>HEAL8004</i>	<i>Negotiated Study</i>	30	
8	<i>HEAL8005</i>	<i>Clinical Management</i>	30	
8	<i>HEAL8007</i>	<i>Clinical Supervision</i>	30	
8	<i>HEAL8009</i>	<i>Specialist Imaging Anatomy & Pathology</i>	30	
8	<i>HEAL8011</i>	<i>Special Topic</i>	30	
8	<i>HEAL8012</i>	<i>Education for Clinical Practice</i>	30	
8	<i>HEAL8013</i>	<i>Physical Principles of MRI</i>	30	
8	<i>HEAL8014</i>	<i>CT: Advanced Principles & Applications</i>	30	
8	<i>HEAL8018</i>	<i>Image Interpretation: Trauma to the Appendicular Skeleton</i>	30	

8	<i>HEAL8019</i>	<i>Clinical Applications: Trauma to the Appendicular Skeleton</i>	30	Co-req <i>HEAL8018</i>
8	<i>HEAL8021</i>	<i>Clinical Applications of MRI</i>	30	
8	<i>CISC 8004</i>	<i>Leadership in Practice</i>	15	

Table 1g: Courses for Clinical Management

Compulsory courses are shown in **bold**.

Elective courses are shown in *italics*.

Level	Course No.	Course Name	Credits
Level 8			
8	HEAL8005	Clinical Management	30
8	HEAL8002	Research Methods	30
8	HEAL8003	Professional Practice	30
8	<i>HEAL8007</i>	<i>Clinical Supervision</i>	30
8	<i>HEAL8004</i>	<i>Negotiated Study</i>	30
8	<i>HEAL8011</i>	<i>Special Topic</i>	30
8	<i>HEAL8012</i>	<i>Education for Clinical Practice</i>	30
8	<i>CISC 8004</i>	<i>Leadership in Practice</i>	15

Table 1h: Courses for Radiation Therapy

Compulsory courses are shown in **bold**.

Elective courses are shown in *italics*.

Level	Course No.	Course Name	Credits
Level 8			
8	HEAL8010	Advanced Therapy Technology	30
8	HEAL8002	Research Methods	30
8	<i>HEAL8003</i>	<i>Professional Practice</i>	30
8	<i>HEAL8004</i>	<i>Negotiated Study</i>	30
8	<i>HEAL8005</i>	<i>Clinical Management</i>	30
8	<i>HEAL8007</i>	<i>Clinical Supervision</i>	30
8	<i>HEAL8008</i>	<i>Advanced Clinical Practice</i>	30
8	<i>HEAL8011</i>	<i>Special Topic</i>	30
8	<i>HEAL8012</i>	<i>Education for Clinical Practice</i>	30
8	<i>HEAL8014</i>	<i>CT: Advanced Principles & Applications</i>	30
8	<i>CISC 8004</i>	<i>Leadership in Practice</i>	15

Table 1i Courses for Education and Supervision

Compulsory courses are shown in **bold**.

Elective courses are shown in *italics*.

Level	Course No.	Course Name	Credits
Level 8			
8	HEAL8012	Education for Clinical Practice	30
8	HEAL8007	Clinical Supervision	30
8	HEAL8002	Research Methods	30
8	<i>HEAL8003</i>	<i>Professional Practice</i>	30
8	<i>HEAL8004</i>	<i>Negotiated Study</i>	30
8	<i>HEAL8005</i>	<i>Clinical Management</i>	30
8	<i>HEAL8008</i>	<i>Advanced Clinical Practice</i>	30
8	<i>HEAL8009</i>	<i>Specialist Imaging Anatomy & Pathology</i>	30
8	<i>HEAL8010</i>	<i>Advanced Therapy Technology</i>	30
8	<i>HEAL8011</i>	<i>Special topic</i>	30
8	<i>HEAL8013</i>	<i>Physical Principles of MRI</i>	30
8	<i>HEAL8014</i>	<i>CT: Advanced Principles & Practice</i>	30
8	<i>HEAL8020</i>	<i>Principles & Applications of Breast Imaging</i>	30
8	<i>HEAL8021</i>	<i>Clinical Applications of MRI</i>	30
8	<i>CISC 8004</i>	<i>Leadership in Practice</i>	15

Table 1j Courses for Image Interpretation

Compulsory courses are shown in **bold**.

Elective courses are shown in *italics*.

Level	Course No.	Course Name	Credits
Level 8			
8	HEAL8018	Image Interpretation: Trauma to the Appendicular Skeleton	30
8	HEAL8019	Clinical Application: Trauma to the Appendicular Skeleton	30
8	HEAL8003	Professional Practice	30
<i>And one of the following:</i>			
8	<i>HEAL8002</i>	<i>Research Methods (required for those wishing to progress to MHSc)</i>	
8	<i>HEAL8004</i>	<i>Negotiated Study</i>	30
8	<i>HEAL8005</i>	<i>Clinical Management</i>	30
8	<i>HEAL8007</i>	<i>Clinical Supervision</i>	30
8	<i>HEAL8012</i>	<i>Education for Clinical Practice</i>	30
8	<i>HEAL8014</i>	<i>CT: Advanced Principles & Practice</i>	30
8	<i>HEAL8008</i>	<i>Advanced Clinical Practice</i>	30
8	<i>CISC 8004</i>	<i>Leadership in Practice</i>	15

Table 1k: Courses for Postgraduate Diploma in Health Science with no endorsementCompulsory courses are shown in **bold**.Elective courses are shown in *italics*.

Level	Course No.	Course Name	Credits	Prerequisites
Level 8				
8	HEAL8002	<i>Research Methods</i>	30	
8	HEAL8003	<i>Professional Practice</i>	30	
8	HEAL8004	<i>Negotiated Study</i>	30	
8	HEAL8005	<i>Clinical Management</i>	30	
8	HEAL8007	<i>Clinical Supervision</i>	30	
8	HEAL8008*	<i>Advanced Clinical Practice</i>	30	
8	HEAL8009*	<i>Specialist Imaging Anatomy & Pathology</i>	30	
8	HEAL8010*	<i>Advanced Therapy Technology</i>	30	
8	HEAL8011	<i>Special Topic</i>	30	
8	HEAL8012	<i>Education for Clinical Practice</i>	30	
8	HEAL8013*	<i>Physical Principles of MRI</i>	30	
8	HEAL8014*	<i>CT: Advanced Principles & Practice</i>	30	
8	HEAL8015*	<i>Ultrasound Technology</i>	15	
8	HEAL8016*	<i>Ultrasound Applications</i>	30	Pre-reqs: HEAL8015 & HEAL8009; Co-req: HEAL8008
8	HEAL8017*	<i>Professional Issues in Ultrasound</i>	15	
8	HEAL8018*	<i>Image Interpretation: Trauma to the Appendicular Skeleton</i>	30	
8	HEAL8019*	<i>Clinical Applications: Trauma to the Appendicular Skeleton</i>	30	Co-req HEAL8018
8	HEAL8020*	<i>Principles and Applications of Breast Imaging</i>	30	
8	HEAL8021	<i>Clinical Applications of MRI</i>	30	
8	HEAL8031	<i>Refugee and Migrant Health</i>	30	
8	HEAL 8032	<i>Long Term Health Needs</i>	30	
8	HEAL8033	<i>Healthcare Informatics</i>	30	
8	HEAL8034	<i>Healthcare Ethics</i>	30	
8	CISC8001	<i>Research and Community-Informed Practice</i>	15	
8	CISC8002	<i>Research Question</i>	15	
8	CISC 8004	<i>Leadership in Practice</i>	15	
8	CISC8008	<i>Evidence-Based Healthcare in New Zealand</i>	15	
8	CISC8009	<i>Practical Biostatistics</i>	15	
8	CISC8010	<i>Systematic Reviews</i>	15	
8	CISC8011	<i>Clinical Research Design</i>	15	

5. Transition Arrangements

In accordance with the regulations effective Semester 2, 2006, students can elect to graduate with a Postgraduate Diploma in Health Science (Nursing) upon completion of all required courses before 31 December 2011.

6. Credit Recognition and Exemptions

- a. Candidates who have completed the Diploma in Medical Ultrasound may be granted credit recognition for courses HEAL8008 and HEAL8023 to a maximum of 60 credits.
- b. Candidates who have completed Part One of the Diploma in Medical Ultrasound only may be credited with course HEAL8015 Ultrasound Technology.

7. Work Experience Requirements

- a. The clinical experience involved in the Postgraduate Diploma in Health Science is included in course HEAL8008 (Advanced Clinical Practice) and is thus credit earning.
- b. Professional locations suitable for course HEAL8008 shall be those radiology departments already accredited for clinical practice in the BHSc(MI) programme, or private radiology clinics that have been formally quality assured. The professional location must be able to provide appropriate clinical equipment and support in the specialty chosen.
- c. Any professional locations that do not meet the criteria in 7.b shall be assessed for suitability by the Programme Committee before a candidate can undertake clinical experience for HEAL8008.
- d. Candidates who wish to enrol in HEAL8008 Advanced Clinical Practice shall be required to demonstrate to the Programme Committee a high level of professional practice that has been endorsed by the Programme Committee, in conjunction with the specialist staff.
- e. A student wishing to graduate with the Postgraduate Diploma in Health Science with endorsements in either Ultrasound or Magnetic Resonance Imaging will have completed a minimum of two years' work experience, as defined by the Medical Radiation Technologists Board, in the appropriate Scope of Practice before being awarded the qualification.

8. Commencement

These regulations came into force in Semester 2, 2014.