

Acknowledgement of Country

Deakin University respectfully acknowledges the custodians of the unceded lands on which our multiple campuses and clinical sites are located and pay our respect to Elders: past, present and future. In particular we acknowledge the Gulidjan, Djargurd Wurrung, Gunditjmara, Djab Wurrung, Jadawadjali, Wotjobaluk, Jaadwa, Jupagulk, Wergaia, Dja Dja Wurrung and Wada Wurrung traditional owners, on whose lands much of our teaching and learning occurs. We wish to acknowledge the longstanding commitment of the traditional owners to upholding the health and wellbeing of the lands, communities and individuals, and we endeavour to continue that commitment.

Welcome from the Dean of Medicine Professor Gary Rogers

Nyurra wurriyn*,

Welcome to the School of Medicine at Deakin University and warmest congratulations on gaining a place in Year 1 of the Bachelor of Medical Imaging program. I am confident that the School community of staff and existing students will do all they can to help you settle in and make your time with us happy and productive.

The School of Medicine at Deakin University was established in 2006 and admitted the first medical students in 2008. 2019 saw us graduate our 1000th medical doctor to serve communities in Victoria, wider Australia and elsewhere in the world. We are proud that many of our graduates are establishing strong links with regional and rural health services.

The purpose, aspirations and values of the School of Medicine are clearly articulated. We expect the attitudes and behaviours of both staff and students to align with these guiding statements.



In addition to the MD, the School offers other postgraduate and undergraduate programs:

- Doctor of Medicine
- Bachelor of Vision Science/Master of Optometry
- Graduate Certificate in Agricultural Health and Medicine
- Bachelor of Biomedical Science, jointly run with School of Life and Environmental Sciences
- Master of Business Administration (Healthcare Management), jointly run with the Deakin Business School
- Bachelor of Health and Medical Science (Honours)
- Graduate Certificate of Health and Medical Research

- Master of Philosophy (Medicine)
- Master of Surgical Research
- Doctor of Philosophy

The School is also a significant research leader with world-leading work at the interface between physical and mental health through the Institute for Physical and Mental Health and Clinical Translation (IMPACT), as well as highly influential rural health research through Deakin Rural Health, based in Warrnambool. We have a large number of academic and student researchers in medical sciences, clinical research, bioethics, and health professional education at the Waurn Ponds, Warrnambool and Burwood campuses, as well as those working in primary, secondary, and tertiary care settings across south and western Victoria.

Our other major organisational centres and partners include:

- The Centre for Rural Emergency Medicine, based in Warrnambool
- The National Centre for Farmer Health, based in Hamilton
- Barwon Health
- South West Healthcare, Warrnambool
- Grampians Health Service, Ballarat, Horsham, Stawell and Edenhope
- East Grampians Health Service, Ararat
- Western Districts Health Service, Hamilton
- Kardinia Health, Geelong
- Active Health Portland
- CSIRO Australian Animal Health Laboratory
- The Western Alliance Academic Health Science Centre

As a school we are committed to providing excellent education and research facilities and services for students and staff for the ultimate benefit of the communities we serve. We welcome you to the School of Medicine and wish you every success on your journey to becoming a radiographer.

Kun gadji*,

Professor Gary Rogers Dean, School of Medicine

*In the Deakin School of Medicine, we pay respect to the Wadawurrung people, on whose land we work, by using language with permission of local elders. Nyurra Wurriyn: "How do you do", Kun Gadji: "Goodbye" in the Wadawurrung language local to the Deakin Waurn Ponds Campus.

Bachelor of Medical Imaging Course Overview

The Bachelor of Medical Imaging (BMI) is a four-year graduate entry program for students wishing to qualify as a Medical Imaging Practitioner. A variety of teaching and learning methods are used in the course, including: lectures, laboratory exercises and problem-based learning. The course includes substantial clinical practice, supported by a state-of-the-art medical imaging training unit and by a clinical placement model designed uniquely for the course in association with rural, regional and metropolitan hospitals and medical imaging nation-wide.

The course fully integrates academic and clinical studies throughout the four years of the course. The program of study involves medical radiation science linked to principles of medical imaging, biological sciences, and ethical and legal aspects of health care to inform and support clinical practice.

Using the latest equipment students will learn basic x-ray techniques before proceeding to more complex medical imaging procedures such as mammography, computed tomography (CT), magnetic resonance imaging (MRI) and ultrasound (U/S).

Problem-based learning tutorials are supplemented by lectures, practical classes and clinical experience in clinical skills laboratories, hospitals and other health services nation-wide. Throughout the course, students undertake the following placements:

- 2 X a 3-week block per semester in year 1,
- 2 X a 4-week block per semester in year 2,
- 2 X a 6-week block per semester in year 3,
- 2 X a 12-week block per semester in year 4

It is imperative that all Police and Working with Children checks and other associated compliance are in order, prior to attending these placements. Students who have not applied for and submitted these checks by the due date will not be able to attend placements. It is therefore extremely important that these are applied for as soon as you receive correspondence from fit2work to your Deakin email account.

Hand Hygiene – Student Health Practitioner Modules 1 and 2

It is a requirement to complete the allied health module prior to your compliance being due. This is an annual requirement. https://nhhi.southrock.com/cgi-bin-secure/Home.cgi?msecs=1612325116225

Professionalism in the Bachelor of Medical Imaging & AHPRA Registration

Medical Imaging students are held to a high standard of professional competency and ethical behaviour by their peers, patients and the community. As such, professionalism is an explicit component of the curriculum in the Medical Imaging program, and is guided by the <u>Code of Conduct</u> developed by the Medical Radiation Practice Board of Australia. Students entering the course are expected to uphold these standards in their own behaviour. Students are also expected to abide by the University's <u>Code of Conduct</u> and <u>Student Academic Integrity</u>. However, the School takes a developmental approach to professionalism, providing support and guidance to students as they develop their understanding and embodiment of this core element of their future profession. For further information regarding the <u>Medical Imaging Code of Conduct</u> and professionalism requirements, please see the Course Guide and your CloudDeakin site, which will be available on commencement of the program.

As a legal requirement, Deakin University is required to provide details of any enrolled School of Medicine students to the <u>Australian Health Practitioner Regulation Agency</u> (AHPRA). Students undertaking clinical training placements in a health profession must be registered in the interests of protecting the public's safety in much the same way that health practitioners must be registered.

AHPRA manages notifications about students whose health is impaired to such a degree that there may be substantial risk of harm to the public, who have been found guilty of an offence punishable by 12 months' imprisonment or more, or who have a conviction of, or are the subject of, a finding of guilt for an offence punishable by imprisonment, or their registration under the law of another country that provides for the registration of students has been suspended or cancelled. AHPRA provides more information in their <u>FAQ for students</u>.

It is important to note that health issues (including mental health) do not need to be reported to AHPRA, unless there is significant risk of harm to the public. There is a high threshold for reporting. Concerns regarding registration should not stop you seeking support for health issues; in fact looking after your own health and wellbeing is a key element of medical professionalism.

If you have concerns regarding AHPRA registration, please contact Richard Mansfield, richard.mansfield@deakin.edu.au for a confidential discussion.

The School of Medicine will complete the registration process on your behalf at the commencement of your course. If, at any stage during your course, you require a document stating that you are registered as a student with AHPRA please email: som-clinical@deakin.edu.au.

The course is designed to meet the requirements of the Australian Health Practitioners Regulation Agency (AHPRA). Deakin University Bachelor of Medical Imaging has been awarded accreditation, with statutory direction provided by the Medical Radiation Practice Board of Australia (MRPBA).

Uniform

Uniforms are compulsory whilst attending placements and more information will be provided at orientation. Uniforms can also be purchased from:

Brown's Corporate Uniforms 158-164 Pakington Street Geelong West 3218

Phone: 03 5229 3233 Email: orders@bcu.net.au

Bachelor of Medical Imaging Course Map

Year 1

| Semester 1 | Semester 2 |
|--------------------------------------------------|--------------------------------------------------|
| HMI101 (1 cp) | HMI104 (2 cp) |
| Medical Radiation Science 1 | Foundation Principles and Application of Medical |
| | Imaging 2 |
| HMI102 (1 cp) | HMI105 (2 cp) |
| Foundation Principles and Application of Medical | Medical Imaging Practice 2 |
| Imaging 1 | |
| HMI103 (2cp) | |
| Medical Imaging Practice 1 | |

Year 2

| Semester 1 | Semester 2 |
|--------------------------------------------------|--------------------------------------------------|
| HMI201 (1 cp) | HMI204 (2 cp) |
| Medical Radiation Science 2 | Foundation Principles and Application of Medical |
| | Imaging 4 |
| HMI202 (1 cp) | HMI205 (2 cp) |
| Foundation Principles and Application of Medical | Medical Imaging Practice 4 |
| Imaging 3 | |
| HMI203 (2cp) | |
| Medical Imaging Practice 3 | |

Year 3

| Semester 1 | Semester 2 |
|-------------------------------------------|-------------------------------------------|
| HMI301 (1 cp) | HMI303 (1 cp) |
| Principles of Advanced Modality Imaging 1 | Principles of Advanced Modality Imaging 2 |
| HMI302 (3 cp) | HMI304 (3 cp) |
| Medical Imaging Practice 5 | Medical Imaging Practice 6 |

Year 4

| Semester 1 | Semester 2 | |
|-----------------------------------------|----------------------------|--|
| HMI401 (2 cp) | HMI402 (2 cp) | |
| Research Methods and Critical Appraisal | Medical Imaging Practice 7 | |
| HMI403 (2 cp) | HMI404 (2 cp) | |
| Medical Imaging Practice 8 | Advanced Modalities | |
| | Or | |
| | HMI405 (2 cp) | |
| | Practice Management | |

Sample Weekly Timetable

| | Monday | Tuesday | Wednesday | Thursday | Friday |
|---------|---------------|---------|---------------|----------|--------|
| 8am | | | | | |
| 9am | Lecture | | PBL | PRAC | PRAC |
| | HMI102 | | (Groups 1-4) | HMI101 | HMI101 |
| 10am | ka3.406 | | PRAC HMI102 | PRAC | PRAC |
| | | | (Groups 5-8) | HMI101 | HMI101 |
| 11am | Lecture | | | PRAC | PRAC |
| | HMI101ka3.406 | | PBL | HMI103 | HMI103 |
| 12 noon | | | (Groups 5-8) | PRAC | PRAC |
| | | | PRAC HMI102 | HMI103 | HMI103 |
| 1pm | Lecture | | (Groups 1-4) | PRAC | PRAC |
| | HMI103 | | | HMI103 | HMI103 |
| 2pm | ka3.406 | | Image Critque | PRAC | PRAC |
| | | | HMI103 | HMI103 | HMI103 |
| 3pm | | | ka3.410 | PRAC | PRAC |
| | | | | HMI101 | HMI101 |
| 4pm | | | | PRAC | PRAC |
| | | | | HMI101 | HMI101 |

More detailed information about timetables will be provided during the first week of the course.

Please note: Students will be assigned their PBL groups upon commencement of the course.

Getting Started at Deakin

Health and Wellbeing

The most important aspect of preparation for studying at university is to ensure that you are feeling healthy, supported and connected prior to beginning your studies. The School encourages all students to identify a local GP to support you during your studies. Deakin offers a range of services to help students stay healthy and safe – physically, mentally and spiritually. Extensive information is provided on the Health and Wellbeing website.

The School of Medicine has a dedicated Counsellor available to all its students. An appointment with the Medical School Counsellor can be secured by contacting the Division of Student Life on (03) 5227 1221 (please identify yourself as a School of Medicine student).

Accommodation

Deakin offers a range of <u>on-campus accommodation</u> options at the <u>Geelong Waurn Ponds</u> or <u>Geelong Waterfront campuses</u>. Please refer to the links for further information and application details.

Financial Support and Scholarships

Deakin provides resources regarding <u>financial support</u> for students, including <u>Deakin University Scholarships</u>, financial counselling and student loans.

Parking

Parking is available at the Geelong Waurn Ponds campus and a permit is required. Please visit the <u>Parking</u> website for more information and a campus map.

Requirements of enrolment

The School has a number of compliance documentation that you are required to complete prior to commencing the Bachelor of Medical Imaging:

- 1. Fit2Work Police Check
- 2. Victorian Working with Children Check
- 3. Pre-Placement occupational risk form
- 4. Evidence of COVID-19 vaccinations (3)
- 5. <u>Hand Hygiene Certificate</u>

You will also need to sign a number of consent forms:

- 1. Student Information Consent Form
- 2. Collection, Use and Disclosure of Working with Children Check Consent Form
- 3. Student Statement of Compliance with Infectious Disease Policy
- 4. Code of Conduct Student Declaration Form
- 5. Anatomy & Pathology Code of Conduct Form
- 6. Peer Examination and Consent Form
- 7. Disclosure of Personal Information to Support Assessment Consent Form
- 8. 3rd Party Consent form
- 9. Student Undertaking Form

You will be required to undertake the following training and more information will be provided when you commence the course:

- 1. First Aid and CPR
- 2. Manual Handling

You will be required to purchase the following items:

- 1. Name Badge
- 2. Uniform

The documents and checklist are located in link.

Computing Requirements

To fully engage with Deakin learning experiences, students need to have access to and be able to use internet-connected devices. As such, the required standards to be met for effective study at Deakin University are: access to a device such as a desktop computer or laptop, connectivity to the internet, capability to use our online learning environments. Please note that many of our teaching sessions and some assessments are run online, and so you will need to have a stable internet connection which allows video streaming. We strongly recommend the use of a device with a camera and microphone. For more information, view the University's computing requirements site.

School of Medicine Infectious Diseases and Immunisation Guidelines

Introduction

All enrolled students are required to read, understand and comply with the Infectious Diseases and Immunisation Guidelines. These guidelines are in addition to the University's requirements regarding COVID-19 Vaccination (see below).

The guidelines have been developed by the Deakin School of Medicine to minimise the risk of infection that may occur between students, patients and other health care workers. While these risks cannot be totally eliminated, it is essential that the necessary steps are taken at all times to minimise such risks. It should be noted that students have an ethical duty to be aware of their immunity or infectious status to ensure that they protect themselves as individuals and to prevent placing others at risk of infection.

Infection control strategies

Various infection control strategies, known as 'standard precautions' and 'additional precautions' are utilised to minimise infectious disease risks. These precautions include assessing the risk posed by persons with particular infections and clinical syndromes, hand-washing, aseptic technique, disposal of sharps and clinical waste, use of single-use only equipment, sterilisation and disinfection of re-usable equipment, use of personal protective equipment and managing patients in various forms of isolation or working with biological agents in a laboratory setting. All procedures and work instructions are based on the assumption that blood and body fluids should always be handled as if they are infected.

<u>Immunisation</u> is also used to provide additional protection against many of the infectious organisms present in health care settings or laboratories where human samples may be used in research projects or working with live animals, tissue and excreta. Students must be vaccinated according to this immunisation policy provided by the School. Immunisation and assessment are offered through the <u>Deakin Health Service</u> or students may prefer to see their local general practitioner (GP).

Students may opt out of the immunisation program on medical or conscientious grounds but only with the written approval of the Dean of Medicine. In such instances, students will be referred to an infectious disease and/or occupational health specialist for further advice on protecting themselves in the case of working in a health care setting with patients, to protect themselves and their patients from infectious diseases.

Blood-borne virus infections

Students who are infected with a blood-borne virus must consult a specialist medical practitioner experienced in the particular blood-borne virus infection to assess their medical condition and advise which clinical activities they can perform. Assistance will be provided to arrange appropriate follow up. The Dean of Medicine should be informed on a confidential basis so that learning activities can be modified to allow students to complete their studies. Academic, personal and career counselling will be made available.

Students who engage in at-risk behaviour and/or suspect that they may have been infected with a blood-borne virus during the course of study have an ethical duty to seek testing and counselling. The Deakin University Health Service will provide pre- and post- testing counselling for students and this will be carried out in accordance with the right of the individual to confidentiality and privacy.

Students with infectious diseases are expected to exercise their duty of care to other members of the University community and general public. If this duty of care is breached, the individual and the University may be subject to legal action under statutory provisions such as the Occupational Health and Safety Act and Health Act, or under common law.

Deakin is required as far as is reasonably practicable to provide and maintain a workplace that is safe and without risk to health. Employees, students and others are required to take care of their own health and safety and follow the procedures of the organisation (including university and/or health service where students are placed).

Students are expected to follow safe practice to prevent the transmission of an infectious disease; students who have been diagnosed with an infectious disease are expected to exercise their duty of care to prevent the transmission to other members of the University community and general public. If this duty of care is breached, the individual and the University may be subject to legal action under statutory provisions such as the Occupational Health and Safety Act, and Health Act. The student and/or their medical practitioner may seek confidential advice from the MDANZ Guidelines for Infectious Diseases Policies and Programs and AHPRA, who may impose restrictions on course-related activities or clinical practice after graduation.

Exclusion from exposure-prone procedures

Students infected with blood-borne viruses must exclude themselves from 'exposure-prone procedures'. These procedures are characterised by the potential for contact between the skin (usually finger or thumb) and sharp surgical instruments, needles or sharp tissues (splinters/pieces of bone or teeth) in body cavities or in poorly visualised or confined body sites (including the mouth). Advice will be provided by a specialist medical practitioner in consultation with the Dean of Medicine. Doctors treating students with a blood-borne viral infection who fail to self-exclude or modify their practice may have a legal duty to inform their State Medical Board.

Exposure to body fluids

If during the course of their training, a student sustains an injury involving exposure to blood or other body fluids, the student should immediately seek appropriate management through their supervisor in accordance with protocols in place at the site or University campus or health service where the injury occurred. All students have access to occupational health surveillance and management in relation to blood borne and other infectious diseases (at no cost to the student) at all clinical placement sites.

The student will be clinically and serologically evaluated for HIV antibody, hepatitis B surface antigen and hepatitis C antibody and appropriate counselling will be offered. For suspected HIV exposure, immediate commencement of prophylactic treatment will be considered by the treating medical officer. Further testing and counselling may be necessary depending on the initial results. For suspected hepatitis virus exposure, the immunisation status of the person will be assessed and appropriate action taken.

Process for Demonstrating Vaccination Status

Immunisation and assessment are offered by the Deakin Medical Centre and this is preferred as they are familiar with our requirements. However, students are able to see their local GP if preferred.

The Deakin Health Service can provide a confidential personal report of immunisations and tests to the student (a copy of which should be filed for further reference). It is highly recommended that if students do require immunisations and assessments (as per the School guidelines above) that this takes place as early as possible prior to the commencement of the course.

An appointment needs to be made with the Campus Doctor, who will initially assess your needs according to the Pre-Placement Occupational Risk Form. You must have this document available for sign off.

If there is no documented history of previous infection or immunisation, serology tests will need to be performed to establish the status of immunity to these infectious diseases (except influenza). A Vaccination Schedule can then be put in place for any of these diseases for which immunity is lacking. Where clinically indicated, tests will be performed after immunisation to confirm immunity. Follow-up of students who fail to respond to vaccinations, will be required in consultation with the School and arrangements made for follow-up infectious diseases and/or occupational health specialist for further advice.

Appointments can be made via this link: https://www.deakin.edu.au/students/health-and-wellbeing/medical-centres/online-booking.

The Waurn Ponds Medical Centre is located at:

Campus Nurse
Student Life, Building JB Level 2, Health & Wellbeing Centre
Geelong Waurn Ponds Campus
Phone: 03 5227 1221/ Email: askanurse@deakin.edu.au

COVID-19 Vaccination Guidelines

As per Victorian Government regulations, all medical imaging students will need to provide proof of COVID vaccination status in order to attend clinical placements, which are a requirement for course completion. Only students who meet the eligibility criteria for a defined <u>ATAGI exemption</u> will be able to seek permission to attend placements without meeting this requirement. Whilst vaccination is no longer mandatory in order to attend campus, it is highly recommended by the University.

For further information, please refer to the <u>Deakin University COVID Vaccination FAQ</u>.

Further resources

Please also refer to the <u>Current Student</u> website – to assist with any enquiries you may have or contact the School of Medicine Selection and Placements Team on (03) 5227 3001 or email som-clinical@deakin.edu.au.

References/Links

Australian Immunisations Handbook

National Health and Medical Research Council: Infection Control in the Health Care Setting Guidelines for the

<u>Prevention of Transmission of Infectious Diseases</u>

University Immunisation (Vaccination) Guidelines

Staff and Students with Infectious Diseases Deakin

We are excited to welcome you to the School of Medicine at Deakin. Geelong has much offer and we encourage you to explore this wonderful region https://www.visitvictoria.com/regions/geelong-and-the-bellarine/see-and-do.