From 2015 Deakin University will offer a four-year degree in Medical Imaging, otherwise known as Medical Diagnostic Radiography. The course will provide you with the opportunity to develop the knowledge, skills and clinical expertise that enable you to practise as a registered diagnostic radiographer (subject to accreditation by AHPRA).

Radiographers work as integral members of clinical teams and play a pivotal role in medicine and health care by producing high quality images of the body that assist medical diagnosis and support and guide clinical decision making. Images of disease and injury are obtained using x-rays, computed tomography (CT), magnetic resonance imaging (MRI), mammography, ultrasound (U/S) and digital subtraction angiography (DSA).

What can I study?
Bachelor of Medical Imaging H309
Geelong Waurn Ponds Campus, 4 years full-time study
Academic and clinical studies are fully integrated 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 your clinical practice.

The course has been developed within the School of Medicine at the Geelong Waurn Ponds Campus (G) and includes clinical practice throughout the course. This is supported by a state-of-the-art clinical simulation centre and by a clinical placement model that is designed uniquely for the course in association with rural and regional hospitals and medical imaging clinics throughout south-west Victoria.

Using the latest equipment you 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).

Professional accreditation
To practise as a radiographer in Australia, you must be registered with the Australian Health Practitioners Regulation Agency (AHPRA). The course is currently being considered for accreditation by AHPRA.

Careers
Deakin University prepares you for a career in a radiology department in a hospital, private radiology practice or health department. The course will prepare graduates who are eligible to work as skilled practitioners across the broad range of diagnostic medical imaging: general radiography, digital vascular imaging, computed tomography (CT), general ultrasound (U/S) and magnetic resonance imaging (MRI). To broaden career opportunities, a range of selective studies will be offered in year four of the course, including advanced imaging, practice management, clinical education and inter-professional education.

Salaries
Salaries range from $58,000 to $108,000 plus, depending on your position, experience, and chosen work area and possible further study. There are opportunities to increase base salaries by undertaking shift work or on-call shifts.

Further information
Phone 03 9251 7777
Email health-enquire@deakin.edu.au
Bachelor of Medical Imaging – H309

| Year 1               | Semester 1 | Medical Radiation Science 1  
|                     | HMI101     | Foundation Principles and Application of Medical Imaging 1  
|                     | HMI102     | Medical Imaging Practice 1   
|                     | HMI103     |                             |
|                     | Semester 2 | Foundation, Principles and Application of Medical Imaging 2  
|                     | HMI104     | Medical Imaging Practice 2   
|                     |           |                             |
| Year 2               | Semester 1 | Medical Radiation Science 2  
|                     | HMI201     | Foundation Principles and Application of Medical Imaging 3  
|                     | HMI202     | Medical Imaging Practice 3   
|                     | HMI203     |                             |
|                     | Semester 2 | Foundation Principles and Application of Medical Imaging 4  
|                     | HMI204     | Medical Imaging Practice 4   
|                     |           |                             |
| Year 3               | Semester 1 | Principles of Advanced Modality Imaging 1  
|                     | HMI301     | Medical Imaging Practice 5   
|                     |           |                             |
|                     | Semester 2 | Principles of Advanced Modality Imaging 2  
|                     | HMI303     | Medical Imaging Practice 6   
|                     |           |                             |
| Year 4               | Semester 1 | Research Methods and Critical Appraisal  
|                     | HMI401     | Medical Imaging Practice 7   
|                     |           |                             |
|                     | Semester 2 | Advanced Modalities HMI404  
|                     | OR        | Practice Management HMI405   
|                     | OR        | Inter-Professional Education HMI406 |
|                     |           | Medical Imaging Practice 8   
|                     | HMI403     |                             |

This course structure is a guide only and is correct as at 22/07/2014. Course advice should always be sought from the relevant enrolment officer. This a semester based course, and in 2015 commences on 9 February.

Applications All applications must be made through the Victorian Tertiary Admissions Centre (VTAC) vtac.edu.au.

Prerequisites Units 3 and 4: a study score of at least 30 in English (EAL) or 25 in English other than EAL; a study score of at least 25 in one of Biology, Physics or Chemistry; and a study score of at least 25 in one of Mathematical Methods (CAS) or Specialist Mathematics. For non-year 12: As for Year 12 or equivalent. For accepted evidence see: www.deakin.edu.au/undergrad-entry.

Additional considerations:
VTAC Personal Statement: NY12 applicants who wish experience to be considered must include this information on their VTAC statement.

SEAS: Applicants who have experienced educational disadvantage are encouraged to submit a SEAS application.

Subject bonus: (Y12 applicants)- A study score of 40 in any english equals 3 aggregate points. A study score of 35 in Physics, Chemistry, Biology, Mathematical Methods (CAS) or Specialist Mathematics equals 3 aggregate points per study. A study score of 35 in any English equals 1 aggregate point. A study score of 30 in Physics, Chemistry, Biology, Mathematical Methods (CAS) or Specialist Mathematics equals 2 aggregate points. Overall maximum of 10 points.

Selection requirements
STAT: Current Year 12 students are not required to sit the STAT. The STAT Multiple Choice test must be completed if the applicant has not completed Year 12 (or equivalent) or has not undertaken any tertiary study within the last five years. Refer to the Admissions Tests page (vtac.edu.au/admissions-tests) for further information.

Unit Information: deakin.edu.au/handbook
Accommodation: deakin.edu.au/studentlife/accommodation
Scholarships: deakin.edu.au/study-at-deakin/scholarships-and-awards

PROFESSOR PAUL YIELDER

Professor Yilder, the Foundation Chair in Medical Imaging and Course Director, has an international reputation in medical imaging and neuroscience and is an active researcher with an impressive list of publications. He has developed and reviewed externally accredited courses in medical imaging in New Zealand and Canada, and is currently an external reviewer for numerous medical imaging and related international journals and also a member of various professional associations linked to Medical Imaging, Neuroscience, Movement Science and Magnetic Resonance Imaging.

Whilst the information provided here was correct at the time of publication, Deakin University reserves the right to alter, amend or delete details of the course and unit offerings. Printed August 2014