Are you fascinated by the human body? Do you love science? Would you like to work in a job where you can diagnose and treat human diseases? If so, you may enjoy studying one of the following career areas:

- Radiography/Medical Imaging
- Nuclear Medicine
- Radiation Therapy
- Medical Sonography

The following information has been taken from Charles Sturt University and University of South Australia:

Radiography/Medical Imaging: As a radiographer, you will be concerned with producing high quality medical images of the human body for medical diagnosis through the operation of specialist equipment, such as administering ionising radiation (x-rays), or MRI pulses to the patient.

Nuclear Medicine: involves using biological tracers (radiopharmaceuticals) for the diagnosis and treatment of various diseases. The specialisation details the administration and imaging of these radiopharmaceuticals within the patient to detect physiological abnormalities and deliver appropriate treatment.

Radiation Therapy: This involves the design and delivery of radiation treatment plans for people diagnosed with cancer and other pathological conditions.

Medical Sonography: is the application of medical scanning which uses high frequency ultrasound waves to produce diagnostic images. Sonography assists in the detection of foetal abnormalities, vascular disease and other acute and chronic conditions.

Where can I study? The following are a list of undergraduate courses (your first degree at university).

Charles Sturt University, Bachelor of Medical Radiation Science, Wagga Wagga, NSW

- After the completion of first year, you can choose which specialization you want to undertake out of Medical Imaging, Nuclear Medicine and Radiation Therapy; www.csu.edu.au

Bachelor of Medical Imaging, Deakin University, Geelong

- This is a new course and has not been accredited yet. Students will undertake 2500 clinical hours of placement, www.deakin.edu.au

Bachelor of Radiography and Medical Imaging (Honours), Monash University, Clayton

- Students start clinical work experience from the start of their course and all students who graduate will receive an honours qualification, www.med.monash.edu.au/

Bachelor of Applied Science (Medical Radiations), RMIT, Bundoora

- This is the only course in Victoria that you can enroll in one of the following three streams- medical imaging, nuclear medicine, and radiation therapy. It is also the only accredited Victorian course that you can complete in three years, www.rmit.edu.au

Bachelor of Medical Sonography/ Graduate Diploma of Medical Sonography, Central Queensland University, Melbourne Campus

- This is the only undergraduate Medical Sonography course in Australia. You will be fully qualified after four years of study.
Interested in studying veterinary science in the future? If you enroll in the Bachelor of Science at the University of Melbourne with the aim of studying the Doctor of Veterinary Medicine after you graduate, you can join the University of Melbourne Pre-Vet Club. You will be able to:

- Meet world class university staff
- Attend customized lectures and practical sessions
- Interact with current veterinary science students
- See the Veterinary Hospital in action
- Socialise with others who share your interests

To find out more, go to [www.vet.unimelb.edu.au/pre-vet](http://www.vet.unimelb.edu.au/pre-vet)

Passionate about animals and would like to work as a qualified veterinary technologist? Charles Sturt University has just announced a new course called the Bachelor of Veterinary Technology. You can specialise in practice management, large animal technology, or clinical technology and you can study the course on campus at Wagga Wagga or via distance. You will also complete the Certificate IV in Veterinary Nursing through Goulburn Ovens Tafe via distance. Graduates will expect to find work in the following areas:

- Private veterinary clinics
- Specialist clinics
- Stud farms
- Intensive animal industries
- Pharmaceutical companies

For more information, go to [www.csu.edu.au/courses/](http://www.csu.edu.au/courses/)

Why study law at Monash University? Monash has just developed a new video featuring current students, alumni, lecturers and staff talking about why you should consider studying law at Monash. You can access the video here- [http://www.youtube.com/watch?v=c5iN8ZPCyGo](http://www.youtube.com/watch?v=c5iN8ZPCyGo)
Applying for Monash University? If you achieve an ATAR of 90+ and start your studies in 2015, you will be eligible to apply for the Access Monash Ambassadors Program. The program involves working with the Access Monash team to enthuse and inform secondary school students about university by participating in outreach activities.

As an ambassador, you will have the opportunity to be considered for the $4000 p/y Monash Community Leaders Scholarship, complete a Certificate III in Active Volunteering and have your participation recorded on your graduate certificate. Applications close 31 October, www.monash.edu.au/access/ama-application.html

Amazing courses at Deakin University: Check out the following course areas via the Deakin University YouTube channel:

- Public Health and Health Promotion and Health Science
- Bachelor of Communication (Media)
- Bachelor of Health and Physical Education
- Zoology and Animal Science
- Biological and Biomedical Science
- Primary Education
- IT Security, Gaming, Computer Science
- Nursing and Midwifery
- Creative Arts, Photography, Film and Digital Media
- Psychology

Top Shots Photography Competition: Help Deakin University celebrate their new Bachelor of Creative Arts (Photography) course at the Geelong Waterfront Campus by entering the Top Shots Photography Prize. You can enter your best images and there are no rules regarding the theme. You can win cash prizes and the chance to have your work displayed in an exhibition at the Whyndam Gallery. For more information, including how to enter, go to https://blogs.deakin.edu.au/topshots/

Marketing success at RMIT: RMIT have won the L’Oreal Brandstorm national competition three times in a row and six times since 2006, making the university the most successful participant in Australia. The competition gives high achieving students from around the world an opportunity to combine marketing theory and creativity. National winners compete against other countries for the ultimate prize. For information on the competition, go to www.brandstorm.loreal.com/

New Bachelor of Archaeology at Macquarie University, Sydney: This course integrates core archaeology and ancient history subjects with a broad selection of science units such as biology, chemistry, environmental earth science, geophysics and spatial information science.

Archaeology disciplines include ancient languages, papyrology, epigraphy and numismatics. This is the only course in Australia offering a full study of Egyptian archaeology and students will be able to undertake national and international study tours. http://study.mq.edu.au/study/Find-a-Course

New Bachelor of International Security Studies at Australian National University, Canberra: This course will enable you to:

- Develop expertise in regional and international security issues,
- Develop Asian language experience,
- Participate in hands-on activities like “war games”
- Undertake overseas study opportunities

Graduates will be able to work to shape Australian foreign policy decisions and work with elite international organisation in Asia and the Pacific. The ATAR for 2015 is 90, http://programsandcourses.anu.edu.au/

Asia Bound Funding at Swinburne University: Swinburne has received funding to support 23 courses covering 12 countries for both higher education and vocational education students. This means the university can offer students study abroad options in programs ranging from Film and TV to Engineering, Business to Sustainability, and Construction to Children’s Services.
Interested in studying engineering but not sure what you would like to specialize in? The two year Associate Degree in Engineering at RMIT provides a common first year before splitting in second year into seven engineering majors:

- Advanced Manufacturing and Mechatronics
- Aerospace
- Civil
- Computer and Networking
- Electrical and Electronic
- Mechanical and Sustainable Systems

If you complete the degree with a certain grade, you will receive automatic entry into the relevant Bachelor Degree with two years’ credit, [www.rmit.edu.au/programs/ad026](http://www.rmit.edu.au/programs/ad026)

Government Careers: Not many students consider a career working for the Australia Public Service, but there are many amazing jobs available. Some examples include:

- Border enforcement operations
- Archiving
- Compliance and investigation
- Information security
- Intelligence analyst
- Ministerial and parliamentary support
- Policy development

To explore what your options are, go to [https://resources.apsc.gov.au/myaps/home.html](https://resources.apsc.gov.au/myaps/home.html)

Discover Deakin University: Students will be able to find out about Deakin University and the courses on offer. Participants will be able to attend a range of faculty workshops, course information sessions and classes and seminars of their choice. Workshops are as follows:

**Geelong, Monday 22 September**

- Accounting, Forensic Science, Gaming, Nursing and Midwifery, Digital and Social Media Technologies, Psychology, Marketing, Medical Imaging, on campus accommodation

**Melbourne, Tuesday 23 September**

- Business Information Systems, Gaming, Drama, on campus accommodation, Nursing and Midwifery, Psychology, Marketing, Interactive Management, Science, Accounting, Digital and Social Media Technologies, Finance


Folio preparation and career discovery courses at RMIT: these courses are for Year 11 and 12 students and give insight into a particular design industry, the study options available and the selection procedures. The following courses are running in September and October:

- Advertising
- Graphic Design
- Interior Design
- Merchandising
- Building Design
- Advertising
- 3D Product Design
- AutoCAD

For more information and to register, go to [www.shortcourses.rmit.edu.au/](http://www.shortcourses.rmit.edu.au/)

### UPCOMING EVENTS - SEPTEMBER

- **17:** Actuarial Studies Information Evening, UNSW, Sydney, [http://www.asb.unsw.edu.au/](http://www.asb.unsw.edu.au/)
- **20:** A Day in the Life of a Designer, Billy Blue College, [www.billyblue.edu.au/](http://www.billyblue.edu.au/)
- **22:** Science in the City Lab Tours, RMIT, [www.rmit.edu.au/seh/events](http://www.rmit.edu.au/seh/events)
- **22, 23:** Discover Deakin, Geelong Waurn Ponds (22), Burwood (23), [www.deakin.edu.au/discover-deakin](http://www.deakin.edu.au/discover-deakin)
- **24:** JMC Academy Workshops: Animation (23 & 24), Games Design (24), Popular Music (24), Entertainment Business Management (25), Film (29), [www.jmcacademy.edu.au/](http://www.jmcacademy.edu.au/)
- **24:** Experience It! Engineers Australia Women in Engineering Sydney, UNSW, [www.tinyurl.com/experience-it-2014](http://www.tinyurl.com/experience-it-2014)
- **24 – 26:** Monash University Art Design & Architecture Folio Workshop, [monash.edu/mada/workshops](http://monash.edu/mada/workshops)
- **25, 26:** Nuclear Medicine Lab Visits, RMIT, [www.rmit.edu.au/seh/events](http://www.rmit.edu.au/seh/events)
- **30:** Be You at VU, Year 10 and 11 Students, Victoria University, Footscray, [www.vu.edu.au/news-events/events/be-you-at-vu](http://www.vu.edu.au/news-events/events/be-you-at-vu)