UNIVERSITY OF CANBERRA

Graduate Diploma in Medical Ultrasound (361JA.1)

Please note these are the 2022 details for this course

Domestic students

Selection rank	PG
Delivery mode	Blended Online
Location	Bruce, Canberra
Duration	2.0 years
Faculty	Faculty of Health
Discipline	Discipline of Medical Radiation
UAC code	880846
English language requirements	There are non-standard English language requirements for this course. To be eligible you must have an overall IELTS Academic score (or equivalent) of 7.0. For alternate/equivalent ways of meeting the English requirements for this course please view the English Proficiency Requirements document on the university website. View IELTS equivalences

International students

Academic entry requirements	To study at UC, you'll need to meet our academic entry requirements and any admission requirements specific to your course. Please read your course admission requirements below. To find out whether you meet UC's academic entry requirements, visit our academic entry requirements page.

	View UC's academic entry requirements
Delivery mode	
Location	
Duration	2.0 years
Faculty	Faculty of Health
Discipline	Discipline of Medical Radiation
CRICOS code	
English language requirements	There are non-standard English language requirements for this course. To be eligible you must have an overall IELTS Academic score (or equivalent) of 7.0. For alternate/equivalent ways of meeting the English requirements for this course please view the English Proficiency Requirements document on the university website. View IELTS equivalences

About this course

A financially rewarding career, in less time

Use sound waves to penetrate soft tissue and learn how to diagnose a wide range of medical and health conditions with the 2-year, part-time Graduate Diploma in Medical Ultrasound course.

As one of only two courses of its type available in NSW and ACT, this course will teach you the principles of ultrasound technology and give you the skills to be proficient in a range of examination practices including abdominal, paediatric and musculoskeletal.

This course focuses heavily on interactive learning and offers a variety of study modes available to help prepare students (from both medical and non-medical backgrounds), for a career in a public or private hospital radiology practice; or in a community healthcare service.

Note: There is currently a severe shortage of trained and qualified Medical Ultrasound graduates and as such students should have no problems securing long-term work options on completion of this course.

Study a Graduate Diploma in Medical Ultrasound at UC and you will:

- be able to apply knowledge of the physical principles, instrumentation, and skills in the use of medical ultrasound

equipment

- be able to integrate your understanding of anatomy, standard variants, and pathology depicted in medical ultrasound
- apply and demonstrate knowledge of ultrasound scanning techniques, image and information acquisition and ultrasound examinations
- critically evaluate your sonography practice skills and undertake ultrasound examinations in a professional, safe and ethical manner
- upon completion, you will become recognised as an Australian trained and accredited Medical Sonographer
- be confident that you have the necessary skills and qualifications required to be accepted at almost any entry-level Medical Sonographer position anywhere in the world.

Work Integrated Learning

This course offers students two unique integrated learning pathways. Traditional: where you, the student, is already working as a Sonographer and studying to have your skills officially recognised or; supportive: where you, the student leverage UC's unique connections to industry stakeholders and partners, to gain access to additional learning/training and working opportunities.

In both situations, your clinical work will enhance your employability and ensure you have the right mix of skills, knowledge, and experience to move seamlessly into your chosen career.

Career opportunities

There is currently a severe shortage of experienced and qualified medical sonographers in the world; and with an ever-increasing aging population, the deficit is expected to get worse.

Currently, there has never been a better time to consider a career as a medical Sonographer, especially one with UC qualification. Our smaller, more personal study environments offer students the chance to get a more tailored training experience resulting in a higher level of qualified graduates.

A career as Medical Sonographer will allow you to work in the following areas in both Australia and overseas.

- Public Hospitals
- Private Hospitals
- Private Radiology Practices
- Community Health Care Services.

Course-specific information

Students must have achieved either a Bachelor of Medical Radiation Science OR A bachelor's degree with the successful study of two units of anatomy and physiology at bachelor's degree level.

Students must also complete 2000 hours of supervised ultrasound experience for at least two years, under the supervision of an ASAR accredited sonographer.

Professional accreditation

The Graduate Diploma in Medical Ultrasound is accredited by the Australian Sonographer Accreditation Registry (ASAR).

Admission requirements

Applicants must meet one of the following criteria:

A) a completed bachelor degree in medical radiation science or

B) a completed bachelor degree in any field and successful completion of at least two units of degree level anatomy and physiology

Applicants who do not meet the minimum of two degree level units of anatomy and physiology can meet these requirements by completion of the following units (as non-award study):

- 6529 Systemic Anatomy and Physiology
- 9808 Regional Anatomy and Physiology

Further information on non-award study is available from https://www.canberra.edu.au/future-students/apply-now/cross-institutional-and-non-award-applications

Admission to this course is competitive. Applications will be assessed on the basis of academic merit and the number of available places.

Additional admission requirements

This course requires the completion of 2200 hours of supervised ultrasound experience under the supervision of an Australian Sonographer Accreditation Registry (ASAR) accredited sonographer. Applicants are responsible for organising their own training position, however for non-medical imaging applicants early skill development will be provided to assist in finding a suitable training position.

In considering applying for this course, please refer to additional important information regarding the clinical training aspects of the course. https://www.canberra.edu.au/about-uc/faculties/health/documents/Graduate-Diploma-in-Medical-Ultrasound-Frequently-Asked-Questions.pdf

Periods course is open for new admissions

This course is not open for new admissions.

Credit arrangements

There are currently no formal credit transfer arrangements for entry to this course. Any previous study or work experience will only be considered as part of the application process in accordance with current course rules and university policy.

Course requirements

Graduate Diploma in Medical Ultrasound (361JA) | 24 credit points

Required - Must pass 24 credit points as follows

Expand All | Collapse All

Ultrasound Physics and Instrumentation PG (10159) | 3 credit points — Level P

Introduction to Ultrasound PG (10160) | 3 credit points — Level P

Abdominal Ultrasound PG (10161) | 3 credit points — Level P

Obstetric Ultrasound PG (10162) | 3 credit points — Level P

Vascular and Postoperative Ultrasound PG (10163) | 3 credit points — Level P

Paediatric and Superficial Parts Ultrasound PG (10164) | 3 credit points — Level P

Musculoskeletal Ultrasound PG (10165) | 3 credit points — Level P

Sonographic Practice Capstone PG (10166) | 3 credit points — Level P

In addition to course requirements, in order to successfully complete your course you must meet the inherent requirements. Please refer to the inherent requirements statement applicable to your course

Typical study pattern

UC - Canberra, Bruce

Standard Part Time, Semester 1 Commencing

Year 1

Semester 1

Introduction to Ultrasound PG (10160)

Ultrasound Physics and Instrumentation PG (10159)

Semester 2

Abdominal Ultrasound PG (10161)

Paediatric and Superficial Parts Ultrasound PG (10164)

Year 2

Semester 1

Obstetric Ultrasound PG (10162)

Vascular and Postoperative Ultrasound PG (10163)

Semester 2

Musculoskeletal Ultrasound PG (10165)

Sonographic Practice Capstone PG (10166)

Standard Part Time, Semester 2 Commencing - Option 1 for students with a training position, or those who can attend on campus classes in sem 2

Year 1

Semester 2

Abdominal Ultrasound PG (10161)

Introduction to Ultrasound PG (10160)

Year 2

Semester 1

Paediatric and Superficial Parts Ultrasound PG (10164)

Ultrasound Physics and Instrumentation PG (10159)

Semester 2

Musculoskeletal Ultrasound PG (10165)

Vascular and Postoperative Ultrasound PG (10163)

Year 3

Semester 1

Obstetric Ultrasound PG (10162)

Sonographic Practice Capstone PG (10166)

Standard Part Time, Semester 2 Commencing - Option 2 for students who cannot attend on campus classes in sem 2

Year 1

Semester 2

Introduction to Ultrasound PG (10160)

Year 2

Semester 1

Abdominal Ultrasound PG (10161)

Ultrasound Physics and Instrumentation PG (10159)

Semester 2

Musculoskeletal Ultrasound PG (10165)

Paediatric and Superficial Parts Ultrasound PG (10164)

Year 3

Semester 1

Obstetric Ultrasound PG (10162)

Vascular and Postoperative Ultrasound PG (10163)

Semester 2

Sonographic Practice Capstone PG (10166)

Course information

Course duration

2 years part-time. Due to accreditation requirements the course cannot be completed in less than 2 years.

Learning outcomes

Learning outcomes	Related graduate attributes
5. Practice as a beginning level sonographer in medical ultrasound examinations; and	UC graduates are professional: Employ up-to-date and relevant knowledge and skills; Communicate effectively; Use creativity, critical thinking, analysis and research skills to solve theoretical and real-world problems; and Work collaboratively as part of a team, negotiate, and resolve conflict. UC graduates are global citizens: Adopt an informed and balanced approach across professional and international boundaries. UC graduates are lifelong learners: Reflect on their own practice, updating and adapting their knowledge and skills for continual professional and academic development;

	Be self-aware; and Adapt to complexity, ambiguity and change by being flexible and keen to engage with new ideas.
4. Apply and demonstrate knowledge in ultrasound scanning techniques, image and information acquisition in medical ultrasound examinations;	UC graduates are professional: Employ up-to-date and relevant knowledge and skills. UC graduates are lifelong learners: Adapt to complexity, ambiguity and change by being flexible and keen to engage with new ideas; and Evaluate and adopt new technology.
6. Critically evaluate their own sonography practice skills and undertake ultrasound examinations in a professional, safe and ethical manner.	UC graduates are professional: Employ up-to-date and relevant knowledge and skills; Communicate effectively; Use creativity, critical thinking, analysis and research skills to solve theoretical and real-world problems; Work collaboratively as part of a team, negotiate, and resolve conflict; Display initiative and drive, and use their organisational skills to plan and manage their workload; and Take pride in their professional and personal integrity. UC graduates are global citizens: Think globally about issues in their profession; Adopt an informed and balanced approach across professional and international boundaries; Understand issues in their profession from the perspective of other cultures;

	Communicate effectively in diverse cultural and social settings; Make creative use of technology in their learning and professional lives; an Behave ethically and sustainably in their professional and personal lives. UC graduates are lifelong learners: Reflect on their own practice, updating and adapting their knowledge and skills for continual professional and academic development; and Adapt to complexity, ambiguity and change by being flexible and keen to engage with new ideas.
2. Recognise and describe the stages of embryonic development;	UC graduates are professional: Employ up-to-date and relevant knowledge and skills.
Graduates of the Graduate Diploma in Medical Ultrasound course will be able to: 1. Apply and synthesize knowledge of the physical principles and instrumentation and skills in the use in medical ultrasound equipment;	UC Graduates are professional: Employ up-to-date and relevant knowledge and skills. UC Graduates are lifelong learners: Adapt to complexity, ambiguity and change by being flexible and keen to engage with new ideas; and Evaluate and adopt new technology.
3. Integrate knowledge of anatomy, normal variants and pathology that is depicted in medical ultrasound;	UC graduates are professional: Employ up-to-date and relevant knowledge and skills.

Awards

Award	Official abbreviation
Graduate Diploma in Medical Ultrasound	GradDip MedUltrasound

Enquiries

Student category	Contact details
Current and Commencing Students	Email: Health.Student@canberra.edu.au
Prospective Domestic Students	Email study@canberra.edu.au or Phone 1800 UNI CAN (1800 864 226)

Download your course guide

Scholarships

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ABN 81 633 873 422

CRICOS 00212K

TEQSA Provider ID: PRV12003 (Australian University)

UC acknowledges the Ngunnawal people, traditional custodians of the lands where Bruce campus is situated. We wish to acknowledge and respect their continuing culture and the contribution they make to the life of Canberra and the region. We also acknowledge all other First Nations Peoples on whose lands we gather.