

## Graduate Diploma of Diagnostic Medical Ultrasound (General Discipline)



The Graduate Diploma of Diagnostic Medical Ultrasound (General Discipline) is a newly developed nationally accredited course in diagnostic ultrasound which specifically addresses the needs of the student sonographer to obtain practical and theoretical ultrasound scanning skills prior to entering the clinical workplace.

On completion of the two year full time course, graduates will be competent healthcare professionals who can demonstrate the required academic knowledge and practical skills of the culturally aware, patient focussed sonographer and be able to competently perform a broad range of ultrasound examinations in the general imaging department.

The course is delivered at the AIHE campus as well as at a variety of clinical ultrasound sites. AIHE will allocate students to an appropriate clinical site to ensure they receive a comprehensive exposure to a variety of general ultrasound imaging studies. Entry to the clinical sites is dependent on successful completion of simulated ultrasound examinations at AIHE and the corresponding underpinning theoretical knowledge.

As students' progress through the course the number of hours allocated to the clinical workplace increases significantly so that they can consolidate their theoretical knowledge through real workplace clinical placement. The simulated environment will enable the student to acquire the fundamental practical skills of performing ultrasound examinations prior to undertaking examinations on actual patients.

### Qualification

On successful completion of the six units of competency, students will be awarded the qualification of 40638SA Graduate Diploma of Diagnostic Medical Ultrasound (General Discipline).

The student will then be required to register with the Australian Sonographer Accreditation Registry (ASAR) so that they can practice as an accredited sonographer.

If a student only completes certain Units of Competency, they will receive a Statement of Attainment for the units successfully completed.

*Note: they will not be able to be employed as a sonographer if only year 1 is completed.*



## Entry Requirements

1. Bachelor Degree in Medical Imaging Science (Radiography or Nuclear Medicine).
2. Bachelor Degree in a non-imaging medical science (Health related)
3. Bachelor Degree in a non-health related science followed by a Certificate III in Allied Health Assistance.
4. Advanced Diploma, Diploma, or higher level vocational certificate in the field of Medical Imaging.
5. Relevant work experience and the potential to undertake work at this level. Applicants must be registered to practice with the ASAR.

A pre-requisite prior to course commencement is the completion of HLTAID003 Provide First Aid.

It is also a requirement to have a valid working with children check, a police check and current immunization. For more details please contact AIHE.

If your undergraduate qualification is from a non-English speaking country you will need to provide evidence of a minimum of an IELTS Academic level 7.0.

*Recognition of prior learning (RPL) may be applied for if an applicant has already studied with a nationally recognised education provider, or has work experience which is directly relevant to this course. RPL may help gain entry to, or exempt an applicant from some of this course.*

## Units of Competency

All six units of competency are overarching core units (compulsory units). The course is taught and assessed in a holistic manner to produce well rounded work ready sonographers who can transpose every aspect of the essential skills and knowledge within each unit of competency to a variety of ultrasound examinations.

Contributing to each unit of competency are a number of subject areas as listed below. Each subject is incorporated, or embedded, into each of the 3 units of competency for each year of study due to their interdependency on each other in performing an ultrasound examination.

### Year 1 units of competency

- Prepare for a Basic Diagnostic Medical Ultrasound Procedure
- Perform a Basic Diagnostic Medical Ultrasound Procedure
- Record, store and retrieve the findings of a Diagnostic Medical Ultrasound Procedure

### Year 2 units of competency

- Perform an Advanced Diagnostic Medical Ultrasound Procedure
- Critique, Analyse, Diagnose and report on the Diagnostic Medical Ultrasound Procedure
- CHCCS805A Undertake Professional Reflection



Subject areas incorporated in the year 1 overarching units of competency are: Clinical Practice I, Professional Practice, Physics & Instrumentation, Abdominal Ultrasound, Male & Female Pelvic Ultrasound, Small Parts Ultrasound and Obstetrics Ultrasound. These subjects are not taught as isolated entities, but integrate content, discussions and topics concurrently to develop the skills needed to become a competent sonographer.

Subjects incorporated in the year 2 overarching units of competency are: Clinical Practice II, Reflective Practice in Ultrasound, Vascular Ultrasound and Musculoskeletal Ultrasound. Subjects are interdependent & Reflective Practice in Ultrasound revisits in more depth many areas covered in year 1. Clinical Practice II incorporates all subject areas covered in both years of study.

### More information

For more details about this course please contact AIHE

Tel: 1300 656 036

Email: [graddip@aihe.edu.au](mailto:graddip@aihe.edu.au) ♦ [www.aihe.edu.au](http://www.aihe.edu.au)