ASUM Education Programs 2015-2016

Diploma of Diagnostic Ultrasound
Diploma of Medical Ultrasonography
Certificate of Clinician Performed Ultrasound
Certificate in Allied Health Performed Ultrasound

www.asum.com.au
Welcome to ASUM education

Diagnostic ultrasound is a rapidly expanding branch of medicine. Technological developments allow higher resolution images to be obtained with smaller machines. Ultrasound is now used to examine virtually every part of the body. ASUM provides education in ultrasound for medical doctors, trainee sonographers and allied health practitioners. This booklet will outline the courses ASUM offers in ultrasound education and the career opportunities you can expect after completing an ASUM qualification.

About ASUM

The Australasian Society for Ultrasound in Medicine is a multidisciplinary society whose mission is to advance the clinical practice of medical ultrasound for the highest standards of patient care.

ASUM focuses the efforts of a broadly based, multi-disciplinary membership, bringing together a range of views, skills, and experience involving all aspects of diagnostic ultrasound.

The breadth of experience and expertise found within ASUM is unequalled by any other organization in the field in Australia and New Zealand.

Aims of ASUM

- Encourage and assist education and research in diagnostic ultrasound.
- Lay down appropriate standards of practice.
- Provide certification indicating proficiency in ultrasound.
- Advise Government and Statutory Authorities on aspects of the practice of diagnostic ultrasound.
- Provide social intercourse and good fellowship among practitioners.

ASUM has over 3,500 members from the following fields:
- Anesthesia
- Cardiac
- Critical Care
- Emergency medicine
- Engineering
- Fetal medicine
- General ultrasound
- Intensive care
- Midwifery
- Nuclear medicine
- Neonatology
- Nephrology
- Nursing
- Obstetrics & Gynecology
- Physics
- Physiotherapy
- Podiatry
- Radiology
- Radiography
- Research
- Rheumatology
- Sports medicine
- Surgical
- Vascular
- Veterinary

Membership diversity

ASUM programs provide extensive theoretical and practical experience, preparing and equipping you for a career using ultrasound in clinical practice, now and into the future.

Studying with ASUM gives you the freedom to:

- tailor your study to fit in with your work/life balance
- finish your course with the knowledge and skill to succeed in the career of your choice
- progress to further study
Diploma of Diagnostic Ultrasound

**DDU Specialties:**
- Cardiology
- Critical care
- Emergency medicine
- General ultrasound
  - Radiology
  - Surgery
  - Nuclear medicine
- Obstetrics and Gynecology
- Vascular studies

**DDU Structure:**

The DDU is a self-paced course:

- **Module 1** ‘Foundations of ultrasound practice’ is an online assessment.
- **Module 2** ‘Clinical competence’ is assessed by submission of case studies, supervisor assessments and a logbook.
- **Module 3** ‘Advanced ultrasound practice’ includes a written and oral assessment.
- The DDU can be completed in 2-5 years.

A DDU certified doctor is a medical practitioner who has overall responsibility for ensuring the most accurate and valid information is obtained from the ultrasound examination.

The DDU holder is then responsible for using the acquired information to meaningfully contribute to clinical patient management. The DDU holder would usually have diagnostic ultrasound as a major focus of their practice and accept referrals from a range of other medical practitioners as well as self-referrals.

The DDU is open to medical specialists and advanced trainees, international candidates, vocational general practitioners, and career medical officers who are practising and registered with their national medical registration authority i.e. Australian Health Practitioner Regulation Authority (AHPRA) or Medical Council of New Zealand (MCNZ).

For enquiries about the DDU email ddu@asum.com.au
Scholar, ASUM’s online learning portal, supports the DDU by providing case studies, quizzes, lectures, a clinical handbook and other resources.

**Fees (2015-16)**

<table>
<thead>
<tr>
<th>Membership category</th>
<th>Fee</th>
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<tbody>
<tr>
<td>ASUM Full Medical member</td>
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**Course fees**

<table>
<thead>
<tr>
<th>Category</th>
<th>Fee</th>
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<tr>
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<td>Module 1</td>
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<td>Module 2</td>
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<tr>
<td>Module 3 Oral assessment</td>
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DDU candidates are encouraged to attend the DDU Technical Seminar held in the first quarter of each year (optional) $507

All fees are in AUD and include GST.

* Membership year 01/07/15—30/06/16

**Recertification**

Maintaining an active DDU requires DDU holders to maintain active ASUM membership and demonstrate 75 credit points per three (3) years via myASUM CPD or their college or equivalent CPD scheme.

www.asum.com.au
The DMU is offered in the following specialties:
- Cardiac
- Obstetric
- Vascular

The DMU is divided into Part 1 and Part 2, which consist of:

**Part 1:** Two written assessments covering Physics, Anatomy, Embryology, Physiology and Pathology.

**Part 2:** Written, case-based discussion and mini-CEX practical assessments, supervisor assessments and case-based assignments.

To be eligible to sit Part 2 assessments candidates must show evidence of supervised clinical practice.

DMU candidates must attend the DMU Preparation Course held in the first quarter of each year.

Completing the DMU takes 2-5 years.

A Sonographer obtains images which have value in the diagnosis and management of the patient by the medical team. Sonographers enjoy a highly respected and well paid career.

The DMU is an internationally recognised professional qualification which is awarded by the ASUM Council. The pre-requisite for entry into the DMU program is a Bachelor’s degree in health related studies such as Nursing, Radiography or Health Science.

The DMU is accredited by the Australian Sonographer Accreditation Registry (ASAR) and the NZ MRTB and represents ASUM’s standard of professional competence in Sonography.

For enquiries about the DMU email dmu@asum.com.au
*Australian sonographers are highly sought after due to our high standards of education and credentialing.*

*Sonography is the ideal career for anyone wishing to work and travel overseas.*

*The greatest thing about a Career in sonography is the flexibility, which allows you to tailor a career to your interests and lifestyle.*

Scholar, ASUM’s online learning portal, supports the DMU by providing case studies, quizzes, lectures, a clinical handbook and other resources.

**In Focus**

**The DMU is a popular, self-directed learning pathway for a career in sonography**

**Fees (2015-16)**

**ASUM Student membership:**
Free during course of study, to a maximum of 5 years.

Sonographer membership: $428

**Course fees**
- Enrolment fee: $547
- Part 1 APP Assessment: $547
- Part 1 PHY Assessment: $547
- Part 2 Preparation Course: $1091
- Part 2 Written Assessment: $897
- Part 2 Case-based Discussion: $897
- Part 2 Mini-CEX: $1334

DMU candidates are required to join ASUM as a DMU student member, while qualified sonographers who wish to enrol as a DMU student join as a Sonographer member.

All fees are in AUD and include GST.

* Membership year 01/07/15—30/06/16

**Pathway to a Diploma in Medical Ultrasonography**

1. **Step 1**
   Become an ASUM student member & enrol in the DMU

2. **Step 2**
   Complete Part I assessments in Physics and Anatomy, Embryology, Physiology and Pathology

3. **Step 3**
   Attend ASUM’s DMU Preparation course

4. **Step 4**
   Commence DMU Part 2 supervised clinical experience

5. **Step 5**
   Submit case-based assignments
   Submit clinical supervisor assessments

6. **Step 6**
   Submit logbook for assessment by ASUM.
   Sit Part 2 written, case-based discussion and mini-CEX assessments

ASUM offers 23 CPU units:

- AAA
- Above the knee DVT
- Acute Scrotum
- Advanced Early Pregnancy
- Advanced Neonatal
- Basic Early Pregnancy
- Basic Echocardiography in Life Support
- Basic Gynecology
- Basic Monitoring the Fetus (2nd & 3rd Trimester)
- Basic Soft Tissue
- Biliary
- Breast
- E-FAST
- Endocrine
- Hepatic Procedural
- Introduction to Neonatal
- Lung
- Pleural Effusion
- Physics
- Rapid Cardiac Echocardiography
- Renal Hydronephrosis & Calculi
- Rheumatology
- Vascular Access

The CCPU is available to medical practitioners who are practicing and registered with their national medical registration authority.

The CCPU is a credential awarded by the ASUM Council to medical practitioners who are not imaging specialists but who may use ultrasound as a diagnostic tool at the point of care. The CCPU represents a level of proficiency in image acquisition, optimisation and ultrasound skills relevant to the specialty medical area.

In general, each unit consists of:
- An online physics and image optimisation unit
- A specialty course: usually 1-2 days of lectures and practical training taken with an accredited course provider
- Logbook completion: A number of scans must be recorded
- Two formative assessments
- Final assessment by an approved assessor

For enquiries about the CCPU email ccpu@asum.com.au
Many medical colleges are now recommending ultrasound for the guidance of procedures.

In 2012 DoHA awarded ASUM a grant to develop the training and education of clinicians using Point of Care Ultrasound.

The CCPU offers low instructor: student ratios (1:5) and low machine: student ratios (1:5).

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CCPU enrolment lasts three years from date of enrolment, offering the flexibility to enrol in as many CCPU units as you choose during that time period. Scholar, ASUM’s online learning tool, supports the CCPU by providing case studies, quizzes, lectures, a clinical handbook and other resources.

**In Focus**

ASUM has conveyed a view to the Australian Department of Health and Ageing that the CCPU be regarded as the minimum credential for point of care ultrasound.

**Fees (2015-16)**

- Full Medical membership $502
- CCPU enrolment fee (2015) $579

CCPU enrolment is valid for 3 years.

All fees are in AUD and include GST. *Membership year 01/07/15—30/06/16

**Enrolment facts**

The CCPU is ASUM’s fastest growing educational program reflecting the confidence with which the course is regarded by doctors in Australasia.

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**Pathway to a Certificate in Clinician Performed Ultrasound**

**Step 1**

Become an ASUM Full Medical member

**Step 2**

Enrol in the Certificate in Clinician Performed Ultrasound

Complete the CCPU online Physics and Image Optimisation tutorial

**Step 3**

Complete an ASUM accredited course or workshop relevant to your clinical specialty

**Step 4**

Keep a logbook as evidence of supervised scanning.

**Step 5**

Submit your signed-off logbook when requirements are completed

The CAHPU is available to allied health practitioners (such as nurses, physiotherapists and paramedics) in Australia and New Zealand who are practising and registered with their national medical registration authority, for example, Australian Health Practitioner Regulation Agency (AHPRA), the Nursing Council of New Zealand, the Midwifery Council of New Zealand and The Physiotherapy Board of New Zealand.

The CAHPU represents a level of proficiency in image acquisition, optimisation and ultrasound skills relevant to the medical specialty area.

For enquiries about the CAHPU email cahpu@asum.com.au
ASUM now offers the CAHPU in response to the demand from allied health professionals for ultrasound training specific to their needs.

The CAHPU is a self-paced course that offers you the flexibility to balance your education and work.

The CAHPU offers low instructor:student ratios (1:5) and low machine:student ratios (1:5).

Scholar, ASUM’s online learning portal, supports the CAHPU by providing case studies, quizzes, lectures, a clinical handbook and other resources.

In Focus

The CAHPU program is ideal for midwives, nurses, chiropractors, paramedics, physiotherapists and podiatrists.

Pathway to a Certificate in Allied Health Performed Ultrasound

Step 1
Become an ASUM Associate member

Step 2
Enrol in Certificate of Allied Health Performed Ultrasound

Step 3
Complete an ASUM accredited course or workshop relevant to your clinical specialty

Step 4
Keep a logbook as evidence of supervised scanning

Step 5
Submit your signed off logbook when requirements are completed

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Fees (2015-16)*

ASUM CAHPU Associate Member $237

Please note if you are enrolling in only the Vascular Access unit the ASUM membership fee is waived.

Enrolment fee $284

All fees are in AUD and include GST.
* Membership year 01/07/15—30/06/16
To enrol in an ASUM educational program:

General Enquiries:
Telephone: (02) 9438 2078
Fax: (02) 9438 3686
Email: education@asum.com.au

Postal Address:
PO Box 943,
Crows Nest NSW 1585,
Australia

Membership Enquiries:
Email: membership@asum.com.au

www.asum.com.au