

**ASAR**Australian Sonographer  
Accreditation RegistryAustralian Sonographer Accreditation Registry Limited  
(02) 8850 1144, registry@asar.com.au, www.asar.com.au

## Appendix 4 – Subject Outline

**Name of Subject/Unit** **Subject/Unit Code** 

(Use a separate template for each subject/unit in the course)

---

### Section 1: General Information

**1.1** Core or elective subject/unit Indicate if the subject/unit is a:☒ core subject/unit☐ elective subject/unit☐ other (please specify): **1.2** Subject/unit weighting

If applicable, indicate, the weighting of this subject/unit and the total course points (eg 10 credit points for the subject/unit and 320 credit points for the course).

 **Subject/Unit Credit Points** (eg 10 credit points) **Total Course Credit Points** (eg 320 credit points)**1.3** Student workload

Indicate below, the expected student workload per week for this subject/unit:

 Number timetabled hours/week\* Number personal study hours/week\*\* Number clinical placement hour/week\*\*\* Total workload hours/week\*\*\*\*

\* Total time spent per week at lectures, tutorials, etc

\*\* Total time students are expected to spend per week in studying, completing assignments, etc

\*\*\* Total time spent per week on clinical placements

\*\*\*\* That is, \* + \*\* + \*\*\* = workload hours.



**ASAR**

Australian Sonographer  
Accreditation Registry

Australian Sonographer Accreditation Registry Limited  
(02) 8850 1144, registry@asar.com.au, www.asar.com.au

#### 1.4 Mode of Delivery

Indicate if this subject/unit is delivered (You may tick more than one box).

☐

face to face

☒

online

☐

independent learning module/untimetabled study

☐

by a combination of modes (please specify)

☐

through a practicum

☐

other

Other (please specify)

#### 1.5 Pre-requisites and / or assumed knowledge

Are students required to have undertaken a prerequisite/co-requisite subject/unit(s) for this subject/unit?

☒

Yes

☐

No

If **yes**, provide details of the prerequisite/co-requisite or assumed knowledge requirements below:

Prerequisites:

RADY 5024 Professional Issues for Sonographers

RADY 5030 Ultrasound Physics and Instrumentation

#### 1.6 Resource requirements

Do students require access to specialist facilities and/or equipment for this subject/unit (eg specialist facilities, computer access, equipment, particular case / scan types, libraries)?

☒

Yes

☐

No

If **yes**, provide details of the requirements below. Please attach floor plans and photographs or videos showing the facilities and equipment that will be used for the course.

Students need to access the learnonline (moodle) website for this subject. The website provides resource, assessment portals & discussion boards. Students also can access the library and a number of online texts.



**ASAR**

Australian Sonographer  
Accreditation Registry

Australian Sonographer Accreditation Registry Limited  
(02) 8850 1144, registry@asar.com.au, www.asar.com.au

## Section 2 – Academic Details

### 2.1 Student learning outcomes/objectives

List the clinical and academic learning outcomes / objectives students would be expected to attain by successfully completing this subject/unit (link to assessment tasks (refer to 2.4 below)):

- a) Plan and describe the implementation of sonographic examinations of superficial parts, paediatric neurosonography and the paediatric hip using knowledge of relevant anatomy, physiology, normal and abnormal sonographic appearances, ultrasound physics and image optimisation.
- b) Use independent judgement to select appropriate sonographic examination methods to match the clinical setting and patient requirements in accordance with organisational procedures, professional standards and evidence based practice.
- c) Use the interpretation of sonographic images and assessment of clinical presentation to modify or extend the superficial parts sonographic examination.
- d) Generate a record of the superficial parts sonographic examination and the clinical findings and effectively communicate those findings using appropriate terminology.
- e) Review relevant and professional ethical standards in superficial parts sonography required to deliver consistent, safe and patient focussed services.
- f)
- g)
- h)
- i)
- j)

## 2.2 Subject/unit content and structure

Provide details in the table below, about the subject/unit content and how it is structured, including practical components such as laboratory, studio and work-based placements. **NOTE:** Please attach course materials where available

The study period's work is divided into 10 modules. Each module has a corresponding section on the learnonline site. The content has been tailored to be as clinically relevant to early career sonographers as possible. This course aims to provide students with the skills and knowledge required to scan superficial parts, ensuring that students are only learning pertinent and relevant information that will assist them with their everyday scanning. Students will complete activities which are interactive, web based simulation programs, which provide step-by-step guides for students for some basic scans.

The following lists the content covered:

Module 1 - THYROID SONOGRAPHY  
Module 2 - PARATHYROID SONOGRAPHY  
Module 3 - SONOGRAPHY OF SALIVARY GLANDS & NECK MASSES  
Module 4 - SCROTAL AND PENILE SONOGRAPHY  
Module 5 - BREAST SONOGRAPHY  
Module 6 - INTERVENTIONAL SONOGRAPHY  
Module 7 - SONOGRAPHY OF THE EYE  
Module 8 - PAEDIATRIC MUSCULOSKELETAL  
Module 9 - PAEDIATRIC NEUROSONOGRAPHY (BRAIN)  
Module 10 - PAEDIATRIC NEUROSONOGRAPHY (SPINE)

## 2.3 Teaching methods/strategies

Briefly describe below, the teaching methods/strategies (face to face lectures, online tutorial) used in this subject/unit:

The course is online and modularised, with students advised to attend to each module in a time frame documented on the study calendar. There is a two week teaching break mid semester along with two revision weeks are provided at the end of each study period. Discussion forums are available online for students to ask their lecturer questions and to engage with their fellow students. Introductory information includes an outline of the course, outline of the assessments and general resources including an electronic copy of the study guide, links to relevant websites and learning activities.

## 2.4 Student assessment:

Provide, in table format as shown below, a schedule of formal clinical and academic assessment tasks and major examinations for the subject/unit

| Assessment Type<br>(eg Assignment – 2000 word essay (specify topic), Examination<br>(specify length)) | When<br>Assessed<br>(eg Week 5) | Weighting<br>(eg 10% of<br>Total<br>subject/unit<br>marks) | Learning<br>Outcomes<br>Assessed<br>(link to 2.1<br>above eg<br>(a), (b)) |
|-------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------|
| Case Scenario written - 1500words                                                                     | week 7                          | 20                                                         | all                                                                       |
| Online Quiz x 5                                                                                       | ongoing                         | 5                                                          | a,b,c,d                                                                   |
| Written Examination - 2 hours                                                                         | week 14                         | 50                                                         | All                                                                       |
| Case scenario presentation 10 minutes worth 1000 words                                                | Week 10                         | 20                                                         | all                                                                       |

## 2.5 Prescribed and recommended readings:

Provide below, in formal reference format, a list of the prescribed and recommended readings:

Allan, P. L., Baxter, G. M., Weston, M. J., 2011, Clinical Ultrasound, 3<sup>rd</sup> Edition, Churchill Livingstone, Edinburgh  
e-Readings as per the course homepage

## 2.6 Required Attachments:

Please provide the following materials for each subject:

1. The learning materials for the student
2. The teaching materials
3. The assessment tasks (academic and clinical)
4. Any materials provided to workplace supervisors.