

**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.

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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:

Students must have completed all level 1 & 2 courses in the program, or provide a copy of their registration as an Accredited Medical Sonographer (General)

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.

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) Demonstrate an ability to appraise advanced sonographic appearances, apply advanced scanning skills, image interpretation and clinical reasoning to recognise normal and abnormal pathophysiology in obstetrics and gynaecologic ultrasound.
- b) Use independent and expert 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 obstetric or gynaecologic sonographic examination across a range of clinical scenarios in a maternal fetal medicine unit and an advanced gynaecological assessment context.
- d) Generate a record of the obstetric or gynaecologic sonographic examination and the clinical findings and effectively communicate those findings using appropriate terminology to specialist audiences and to the patient.
- e) Review relevant and professional ethical standards in obstetric or gynaecologic sonography and apply them to deliver consistent, safe and patient focused services.
- f) Evaluate the role of recent advances in imaging techniques and technology in maternal-fetal diagnostic imaging including interventional procedures.

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 aim of this course is to enable accredited medical sonographers to acquire the knowledge and develop advanced skills required to perform advanced practical procedures in obstetric and gynaecological sonography at a tertiary level. The following content is covered:

Gross anatomy and pathophysiology of the maternal-fetal structures that present in complex cases of the female pelvis, and all trimesters of pregnancy.
Clinical signs and symptoms, and diagnostic test results (including emerging imaging techniques) associated with complex pathophysiological conditions of the female pelvic organs and maternal-fetal organ systems.

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 (eg Assignment – 2000 word essay (specify topic), Examination (specify length))	When Assessed (eg Week 5)	Weighting (eg 10% of Total subject/unit marks)	Learning Outcomes Assessed (link to 2.1 above eg (a), (b))
Quiz	Ongoing	25%	All
Case Study – 2500 words		40%	All
Online Activities	Ongoing	35%	All

2.5 Prescribed and recommended readings:

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

TBC – course in development

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.