



Introduction

Welcome

Welcome!

I am Sandy Maranna and I will be coordinating this course. This subject is designed to allow you to acquire all the necessary skills and knowledge to be a competent sonographer in obstetrics & gynaecology. Hands-on scanning in this speciality requires a good understanding of normal anatomy & use of orthogonal planes to extend into pathology. Obstetric scans are vital to assess fetal & maternal well-being, most times with no other complementary imaging modalities. It is therefore necessary to address key clinical scenarios encountered in an ultrasound imaging department in the course content. Development of clinical competency along with a sound in-depth knowledge is therefore integral to this course.

Students must be in a supervised training position. As this is a scanning course, students are expected to **step-up** in time management & self regulation to take charge of their learning. Active participation in learn-online discussions & zoom sessions will result in better outcomes. Communication with students during this course will be via the course online discussion and UniSA student email. Check student emails regularly.

Students will be required to submit the Clinical Placement form with training supervision details **to the InPlace system every semester**, even if you have submitted it previously. Failure to do so will result in withdrawal from the course by census date. In addition, for the coordinator to double check the training co-requisite, there will be a portal to submit the clinical placement details on the learn-online site.

During the study period students must be engaged in performing ultrasound examinations for a minimum of 200 hours. To verify this and **to pass** the course, students must submit the "**Clinical Progress report**".

It is necessary to attempt all assessments as well as pass the final exam to pass this Course. Students must be available during the entire exam period as exam dates are set by Student & academic services team.

For better outcomes, I would recommend that you enrol into this course as your last scanning course, unless you are working in a predominantly obstetric-gynaecologic ultrasound practice.

I would advise that you defer this subject until the next offering if this is the first scanning course and students do not have at least 6 months of scanning experience (except if in dedicated ob-gyn ultrasound department) or if students know that they will be unavailable for more than two weeks during the semester

I am here to help you succeed. Do not hesitate to contact me if any personal issues impact upon your studies or assignments, I will only be able to help you if you approach me. To request for an extension, please use the learn-online link. Extension requests need to be submitted ahead of time and must be accompanied with a valid documentation (doctors certificate). You will be granted an extension of a maximum of two weeks. I scan part-time. I may not be always available on phone at my desk. Having said that, I check my mails regularly during the working week. If you need to talk to me, please email me with your telephone number, with reference to your course details and I will get back to you within a reasonable time.

Looking forward to the study period, Sandy

Academic Work Definitions

External mode includes online, distance education, industry placement or directed research. Virtual classrooms are deemed to be an external mode of delivery. External mode does not normally include a face to face component, however some courses offered in external mode may require a small component of on-campus activity, or practical sessions.

The expectations of your activity and preparation for each course will be aligned to the activity being undertaken. For example, if you are studying externally and there are virtual lectures, your preparation would be as listed under the lecture section of this guide.

You may also be supported through online facilitation, with preparation required, and other learning activities provided in your course, that will each have specific preparation requirements for you. These requirements should be set out in individual course guides.

Peer Interaction is usually included in UniSA courses in both external and internal modes of delivery and is considered a critical element of the learning process that may involve activities, projects, discussion forums, presentations, practicals, workshops.

Online facilitation

Student information

Online courses generally require students to independently read, view and/or work through all required materials, including pre-recorded presentations that have been produced and provided to facilitate this form of learning.

Independent online learning is supported by Online Facilitators who supplement online teaching resources by facilitating, monitoring and moderating online forums; answering student queries via virtual office hours or help desks, online dialogue and/or phone conversations, providing formative feedback on your work or explaining comments and marking of your prior work.

Students are expected to be familiar with all relevant course content, including materials provided and assessments, and engage appropriately with facilitators within the timeframes provided.

Course Teaching Staff

Course Coordinator:	Mrs Sandy Maranna
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Email:	Sandy.Maranna@unisa.edu.au
Staff Home Page:	people.unisa.edu.au/Sandy.Maranna

* Please refer to your Course homepage for the most up to date list of course teaching staff.

Contact Details

UniSA Allied Health & Human Performance

Physical Address:	Level 8, Centenary Building UniSA City East Campus Adelaide 5000
Website:	https://www.unisa.edu.au/about-unisa/academic-units/allied-health-and-human-performance/

Course Overview

Prerequisite(s)

Individual Compulsory Courses

RADY 5015 Superficial Parts Sonography
RADY 5024 Professional Issues for Sonographers
RADY 5013 Abdominal Sonography
RADY 5030 Ultrasound Physics and Instrumentation

Prerequisite Comments

Students must be in a General Sonography training position, with placement details to be evidenced and confirmed prior to census date.

Corequisite(s)

Corequisite Comments

The student must be engaged in ultrasound examinations for a minimum of 200 hours per study period.

Course Aim

The aim of this course is to allow the student to acquire the advanced knowledge and skills required to practice in the area of obstetric and gynaecologic sonography with autonomy, well developed judgement, adaptability and responsibility.

Course Objectives

On completion of this course, students should be able to:

CO1. Autonomously plan and describe the implementation of an obstetric and gynaecological sonographic examination using knowledge of relevant fetal anatomy, physiology, embryology, pathophysiology, fetal development, normal and abnormal sonographic appearances, ultrasound physics and image optimisation.

CO2. 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.

CO3. 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.

CO4. 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.

CO5. Review relevant and professional ethical standards in obstetric or gynaecologic sonography and apply them to deliver consistent, safe and patient focussed services.

Upon completion of this course, students will have achieved the following combination of Graduate Qualities and Course Objectives:

Graduate Qualities being assessed through the course							
	GQ1	GQ2	GQ3	GQ4	GQ5	GQ6	GQ7
CO1	•						
CO2	•	•	•	•		•	
CO3	•		•				
CO4	•					•	
CO5	•	•			•		

Graduate Qualities

A graduate of UniSA:

GQ1. operates effectively with and upon a body of knowledge of sufficient depth to begin professional practice

GQ2. is prepared for life-long learning in pursuit of personal development and excellence in professional practice

GQ3. is an effective problem solver, capable of applying logical, critical, and creative thinking to a range of problems

GQ4. can work both autonomously and collaboratively as a professional

GQ5. is committed to ethical action and social responsibility as a professional and citizen

GQ6. communicates effectively in professional practice and as a member of the community

GQ7. demonstrates international perspectives as a professional and as a citizen

Course Content

Scanning techniques and interpretation of images of female pelvis (anatomy, transabdominal and transvaginal scanning techniques), first, second and third trimesters of pregnancy, and the related disease processes, physiology, pathophysiology and embryology.

Teaching and Learning Arrangements

External (Online)	13 weeks
Workshop (On campus - optional)	7 hours

Unit Value

4.5 units

Student recording of learning activities

Students must seek permission prior to recording any UniSA learning activity. See [A-56 Policy Student recording of learning activities](https://i.unisa.edu.au/siteassets/policies-and-procedures/docs/academic/a56_student-recording-of-learning-activities.pdf) (https://i.unisa.edu.au/siteassets/policies-and-procedures/docs/academic/a56_student-recording-of-learning-activities.pdf)

Breaches of this Policy contravene the principles of academic integrity, and attract the penalties provided in the [Academic Integrity Procedure](https://i.unisa.edu.au/policies-and-procedures/university-policies/) (<https://i.unisa.edu.au/policies-and-procedures/university-policies/>).

Further Course Information

STUDY PLAN

The study guide is divided into 4 modules. A guide for study is outlined in the Course Calendar but please note, this is a 'suggested plan' only, and you may study the modules in whatever particular sequence suits you best. For example, if your poster topic belongs to Module 3, you may choose to start your studies with Module 3, which is logical. The number of weeks allocated per each module gives you an idea of the time you may need to spend on each module due to the depth of the content for that particular module. Module 3 on 'second trimester ultrasound' is vast and students have mentioned that they needed a additional time to study this module.

It is beneficial to keep up with your studies regularly from Day 1.

Learning Resources

Textbook(s)

You will need continual access to the following text(s) to complete this course. Where possible the Library will make the book available for student use. Please check the Library catalogue before purchasing the book(s). The Library will always seek to purchase resources that allow an unlimited number of concurrent users, however availability is dependent on license arrangements with book publishers and platforms. <http://www.library.unisa.edu.au>

- *Online resources will be advised.*

Reference(s)

A large variety of resources including a number of e-books, databases, video lectures and images will be available to you in the learnonline resources.

learnonline course site

All course related materials are available on your learnonline course site which you will be able to access from the 'my Current Studies' section in myUniSA (<https://my.unisa.edu.au>).

Access to Previous Courses

You will have access to your previous course sites for a period of 4 years. After this time, the course sites will be archived and will be unavailable.

Note: Course readings provided via the University Library are only made available to current students and staff due to licensing and copyright restrictions. Students may download their course readings while they are enrolled in the course for their personal research purposes only.

Assessment

Academic Integrity

Academic integrity is the foundation of university life and is fundamental to the reputation of UniSA and its staff and students. Academic integrity means a commitment by all staff and students to act with honesty, trustworthiness, fairness, respect and responsibility in all academic work.

An important part of practising integrity in academic work is showing respect for other people's ideas and being honest about how they have contributed to your work. This means taking care not to represent the work of others as your own. Using another person's work without proper acknowledgement is considered Academic Misconduct, and the University takes this very seriously.

The University of South Australia expects students to demonstrate the highest standards of academic integrity so that its qualifications are earned honestly and are trusted and valued by its students and their employers. To ensure this happens, the University has policies and procedures in place to promote academic integrity and manage academic misconduct. For example, work submitted electronically by students for assessment will be examined for copied and un-referenced text using the text comparison software Turnitin <http://www.turnitin.com>.

It is an offence for any person or company to provide academic cheating services to students of Australian universities, irrespective of whether the service is provided by an Australian or overseas operator (see [Tertiary Education Quality and Standards Agency Amendment \(Prohibiting Academic Cheating Services\) Bill 2019](https://www.legislation.gov.au/Details/C2020A00078) - <https://www.legislation.gov.au/Details/C2020A00078>). "Academic cheating services" includes providing or undertaking work for students, where that work forms a substantial part of an assessment task.

More information about academic integrity and what constitutes academic misconduct can be found in the [Academic Integrity Policy and Procedure](https://i.unisa.edu.au/policies-and-procedures/university-policies/academic/ab-69) (<https://i.unisa.edu.au/policies-and-procedures/university-policies/academic/ab-69>).

To learn more on academic integrity and how to avoid academic misconduct, please refer to the Academic Integrity Module: <https://lo.unisa.edu.au/mod/book/view.php?id=252142>

Important information about all assessment

All students must adhere to the University of South Australia's [procedures about assessment](http://i.unisa.edu.au/policies-and-procedures/codes/assessment-policies/): <http://i.unisa.edu.au/policies-and-procedures/codes/assessment-policies/>.

Assessment Details

Details of assessment submission and return are listed under each assessment task. Assessment tasks will be returned to you within 15 working days of submission.

Cover sheets

A cover sheet is not required for assessment tasks submitted via learnonline, as the system automatically generates one.

If the Course Coordinator allows submissions in hard copy format, you will be required to attach an Assignment Cover Sheet which is available on the learnonline student help (<https://lo.unisa.edu.au/mod/book/view.php?id=1843&chapterid=567>) and in myUniSA.

Assessment Descriptions

Assessment 1

Single		30% of Course Total			Objectives being assessed:CO1, CO2, CO3, CO4, CO5		
Title	Team work	Length	Duration	Due date (Adelaide Time)	Submit via	Re-Submission	Re-Marking
Case scenario: Poster	No	2500 words	-	8 May 2023, 11:59 PM	learnonline	No	No

Further information on re-marking and re-submission is available in the academic policy, AB-68 P4 Re-marking and Re-submission Procedure

This assignment has several elements and you are expected to complete all of them as listed below

1. You are expected to create an electronic poster on a given topic. Your specific topic will be individually emailed to you once the semester commences.
2. Your poster, including any audio and video files, along with your self assessment, has to be uploaded into your e-portfolio and you will be submitting the e-portfolio page to be marked.
3. Some posters will be selected for sharing. Such students will be encouraged to share their poster in the discussion board online in the specific thread provided and engage in a discussion with peers about the topic.

You will find more information regarding this assignment in the learn-online resources. It is necessary to attempt this assignment to pass the course.

Assessment 2

Multiple		20% of Course Total			Objectives being assessed:CO1, CO2, CO3, CO4			
Title	Team work	Length	Duration	Sub-weighting	Due date (Adelaide Time)	Submit via	Re-Submission	Re-Marking
Online quiz 1	No	-	1 hour	20%	20 Mar 2023, 11:59 PM	learnonline	No	No
Online quiz 2	No	-	1 hour	20%	3 Apr 2023, 11:59 PM	learnonline	No	No
Online quiz 3	No	-	1 hour	20%	15 May 2023, 11:59 PM	learnonline	No	No
Online quiz 4	No	-	1 hour	20%	5 Jun 2023, 11:59 PM	learnonline	No	No
Bounce back	No	-	1 hour	20%	24 Apr 2023, 11:59 PM	learnonline	No	No

Further information on re-marking and re-submission is available in the academic policy, AB-68 P4 Re-marking and Re-submission Procedure

Please note, it is necessary to attempt all the online tests as well as the bounce-back activity to pass the Course.

Online tests are in the form of online MCQ quizzes.

There is one quiz per study module, details of which will be provided in the learn-online site. These quizzes are timed activities. You can complete the quizzes before the due date. Details about the bounce back reflective assignment will be available in the online resources.

Assessment 3

Single		50% of Course Total			Objectives being assessed:CO1, CO2, CO3, CO4		
Title	Team work	Length	Duration	Due date (Adelaide Time)	Submit via	Re-Submission	Re-Marking
Online final exam	No	-	3 hours	Other - TBA	learnonline	No	No

Further information on re-marking and re-submission is available in the academic policy, AB-68 P4 Re-marking and Re-submission Procedure

The online exam will assess learning objectives and key concepts outlined in the study guide. Students will be assessed on their ability to recognise normal anatomy and pathology as seen on ultrasound images in obstetric and gynaecology. They will also be assessed on their ability to interpret other test findings, and clinical information, and to relate this to the ultrasound images. Students will be assessed on their clinical reasoning diagnostic skills, to examine their critical thinking in terms of how well they can apply theory to clinical practice. It is necessary to pass the online exam to pass the course.

Feedback proformas

The feedback proforma is available on your course site.

Further Assessment Information

A deduction of 10% per day (20% per weekend) will apply for assignments submitted late and without any extension.

MARKING PROCESS

Students will receive grades for individual assessment items and a final grade at the end of the study period. Before the final grade is determined marks may be moderated or scaled to ensure consistency between markers.

Information about grade notations is available at: <http://www.unisanet.unisa.edu.au/extracourseinformation/assess.asp>

Assessment details

Details of assessment submission and return are listed under each assessment task. Assessment tasks will be returned to you within three weeks of submission.

Assignment layout

Assignment layout for the first assignment, i.e. the scientific poster is flexible. Students can either use the template provided in the Learnonline resources or they can be creative and use a layout and template of their choice. The main requirement is that the poster has to fit in one A4 size paper or one PowerPoint slide. Appropriate referencing is expected for all assignments.

Referencing style

The recommended referencing style by the University is APA 7.

Assessment extensions

Extensions may be granted for a negotiable number of days at the discretion of the course coordinator. You have to send in an 'extension request' via the 'extensions' link in the Learnonline resources.

Additional assessment requirements

Students must submit each assessment component, pass the examination and submit a Clinical Progress Report at the end of the study period to obtain a pass for this course. The Clinical Progress Report verifies that the student has met the corequisite that they are engaged in ultrasound examinations for a minimum of 200 hours during the study period, under the supervision of a qualified sonographer.

Penalties for late submission

Late submission of assessment tasks policy

Late submission of assessment tasks in this course will result in a penalty unless an extension has been granted or the student can provide evidence of unexpected or exceptional circumstances. The penalty for late submissions will be:

1. a deduction of 10% of the available marks, for each day (or part thereof) that the assignment is late up to a maximum of 5 days.

Thus, for an assessment item that is one day late the maximum mark available will be 90%, and for two days late 80% etc. By way of example, if a student achieved a mark of 65% for an assignment that was submitted one day late, their adjusted mark would be 65% of a total available mark of 90%, so the mark would be adjusted to 58.5%.

2. assignments which are more than 5 days late may not be assessed and will be assigned a zero grade inclusive of non-graded pass work. Whether or not an assignment that is more than 5 days late will be assessed will be at the discretion of the Course Coordinator.

Rationale for Late submission of assessment tasks policy

If unexpected or exceptional circumstances occur that result in late submission, or if an extension has been granted for an assessment item, there will be no penalty.

However, where no extension has been granted, and there were no unexpected or exceptional circumstances that resulted in late submission a penalty will be applied. This is to prevent students from seeking to obtain an unfair advantage, compared with their peers, by having more time to complete an assessment item.

It was considered that if a student were to work on an assessment item for one day they might be able to improve their mark by 10%, so a 10% penalty has been applied to offset any such advantage that might be gained.

The 10% deduction will be from the available mark rather than the achieved mark to ensure equity between students. By way of example:

1) If a student achieved a mark of 77 (Distinction), but the assessment item was submitted two days late, their grade becomes 77% of 80 = 61.6 which is a true 20% reduction.
If the 20% deduction were applied to the achieved mark this would be $77\% - 20\% = 57\%$, which would actually represent a 26% reduction of their achieved grade.

2) If a student achieves a mark of 54 (P2) and is 2 days late in submitting the assessment item, their grade becomes 54% of 80 = 43.2 which is a true 20% reduction. If the 20% deduction were applied to the achieved mark this would be $54\% - 20\% = 34\%$ which represents an actual 37% reduction of their achieved grade.

Thus, if the deduction were applied to the achieved mark both students would experience a different real deduction depending on the actual mark they achieved. Thus, in the interest of student equity the deduction will be taken from the available mark.

Exam Arrangements

This course includes an online exam as part of the assessment. You will receive advanced notice of the scheduled online exam. All exams will be scheduled in South Australian time. You are required to sit your examination online at the scheduled South Australian date and time irrespective of any conflict with planned holiday or special event or regular work commitment, including students sitting in other time zones in Australia or internationally (Examination Procedure, B12, <http://i.unisa.edu.au/policies-and-procedures/codes/assessment-policies/>).

Additional Exam Information

Changes to the final exam format for SP5-2020

The final online exam will be an open book exam in an online quiz format. The date and time will be scheduled by SAS and you will get information on your schedule via SAS in your university emails. Please check emails and learn-online sites regularly. The exam will be for 120 marks and for 3 hours duration to allow for file uploads and technical issues.

Students will be provided with a practice exam during revision time. Students need to test their own internet connectivity before they sit the exam. More updates will follow in the learn-online site

Deferred Assessment or Examination

Deferred assessment or examination is available for the course.

Supplementary Assessment

Supplementary assessment or examination offers students an opportunity to gain a supplementary pass (SP) and is available to all students under specific conditions unless supplementary assessment or examination has not been approved for the course.

Specific conditions and further information is available in the [Variations to Assessment Procedure](http://i.unisa.edu.au/policies-and-procedures/codes/assessment-policies/). <http://i.unisa.edu.au/policies-and-procedures/codes/assessment-policies/>

Supplementary assessment will be available as a supplementary exam. Exam format will be similar to the regular exam.

Special Consideration

Special consideration is available for this course. Note: Special consideration cannot be granted for a deferred assessment or examination, or a supplementary assessment or examination. APPM 7.7.6

Variations to assessment tasks

Details for which variation may be considered are discussed in the [Variations to Assessment Procedure](http://i.unisa.edu.au/policies-and-procedures/codes/assessment-policies/) (<http://i.unisa.edu.au/policies-and-procedures/codes/assessment-policies/>). Variation to assessment in unexpected or exceptional circumstances should be discussed with your course coordinator as soon as possible.

More information about variation to assessment is available in the [Variations to Assessment Procedure](http://i.unisa.edu.au/policies-and-procedures/codes/assessment-policies/) (<http://i.unisa.edu.au/policies-and-procedures/codes/assessment-policies/>).

Students with disabilities or medical conditions please refer to **Students with disabilities or medical conditions**.

Students with disabilities or medical conditions

Students with disabilities or medical conditions or students who are carers of a person with a disability may be entitled to a variation or modification to standard assessment arrangements. See the [Variations to Assessment Procedure](http://i.unisa.edu.au/policies-and-procedures/codes/assessment-policies/) at: <http://i.unisa.edu.au/policies-and-procedures/codes/assessment-policies/> and Policy C7 [Students with Disability](https://i.unisa.edu.au/policies-and-procedures/university-policies/corporate/c-7/) at: <https://i.unisa.edu.au/policies-and-procedures/university-policies/corporate/c-7/>

Students who require variations or modifications to standard assessment arrangements must first register for an Access Plan with the UniSA Access & Inclusion Service. It is important to contact the Access & Inclusion service early to ensure that appropriate support can be implemented or arranged in a timely manner.

Students who wish to apply for an Access Plan must book an appointment with a UniSA Access & Inclusion Advisor by contacting Campus Central or via the Online Booking System in the Student Portal. For more information about Access Plans please visit: <https://i.unisa.edu.au/students/student-support-services/access-inclusion/>

Once an Access Plan has been approved, students must advise their Course Coordinator as early as possible

to ensure that appropriate supports can be implemented or arranged in a timely manner.

Students are advised there are also strict deadlines to finalise Access Plan arrangements prior to examinations. Further information is available at: http://i.unisa.edu.au/campus-central/Exams_R/Before-the-Exam/Alternative-exam-arrangements/

Action from previous evaluations

In order to keep our courses at a high standard we rely on feedback from you. In the past feed back from evaluations has enabled us to modify the Study Guide, online learning resources, Readings, assessment and the workshop, and has also let us know what the student likes about the course and does not want to change. Please take a little time to complete the evaluation which will become available on the course home page later during the semester.

Unplanned learnonline outages

The information below show the suggested alterations/considerations for assessment items and exam dependent on the duration of the unplanned outage

less than 1 hour outage. No impact on either assessment or examination

1 to 4 hour outage. **Assessment** - Consider an extension. **Examination** - No impact.

4 to 24 hour outage. **Assessment** - 24 hour extension. **Examination** - Be mindful of outage when marking

Over 24 hour outage. **Assessment** - 48 hour extension. **Examination** - Be mindful of outage when marking

Course Calendar

Study Period 2 - 2023

	Weeks	Topic	Assessment Details (Adelaide Time)
	13 - 19 February	Pre-teaching	
	20 - 26 February	Pre-teaching	
1	27 February - 5 March		
2	06 - 12 March		
3	13 - 19 March		
4	20 - 26 March	Clinical placement forms due 20 March	Online quiz 1 due 20 Mar 2023, 11:59 PM
5	27 March - 2 April	Census date 31 March	
6	03 - 9 April		Online quiz 2 due 03 Apr 2023, 11:59 PM
	10 - 16 April	Mid-break	
7	17 - 23 April		
8	24 - 30 April		Bounce back due 24 Apr 2023, 11:59 PM
9	01 - 7 May		
10	08 - 14 May		Case scenario: Poster due 08 May 2023, 11:59 PM
11	15 - 21 May		Online quiz 3 due 15 May 2023, 11:59 PM
12	22 - 28 May		
13	29 May - 4 June		
14	05 - 11 June	Clinical progress reports due 11 June	Online quiz 4 due 05 Jun 2023, 11:59 PM
	12 - 18 June	Swot-vac	
	19 - 25 June	Exam week	
	26 June - 2 July	Exam week	