



## Introduction

### Welcome

Dear Study Period 2 students,

**Welcome to stage 2 of the sciences component of your Nursing degree. It is important that you read this course outline and become familiar with it as it contains all the assessment, content, timing and administrative information that you will need for the course.**

This year you will be applying and further developing the anatomy and physiology knowledge you have already gained, and extending into disease processes and pharmacology. Students find it both stimulating and satisfying to be able to use their scientific knowledge to understand the clinical practices they see in their placements, and to understand the therapeutic actions of the drugs that are administered in health care settings. This course material is designed to directly continue from what you have learned in Human Body 1 and 2, and complement the clinical and scientific content that you will learn throughout your degree but particularly in Health of Adults, and Health of Infants, Children and Adolescents and Assessment, Diagnostics and Pharmacotherapeutics.

Dr Sarah List is the Overall Coordinator (all offerings), and Dr Sarah Davey is the off-Campus Coordinator (External, Whyalla and Mt Gambier), and both can be contacted via the joint email [BIOL2058Coordinators@unisa.edu.au](mailto:BIOL2058Coordinators@unisa.edu.au). For course content questions, your first contact person should be your allocated tutor, but for bigger administrative questions such as variations to assessment dates, the coordinators are your best contact point. It's best to contact us via email in the first instance, and we'll respond within 48 hours. We have offices at the City East Campus in the Playford Building, and you are welcome to make an appointment via email to discuss any study or personal matters.

Your email and the course website 'news' are the most common ways that we will communicate with you as a student group. You must check these regularly or you will miss important information about assignments, etc. **Additionally, please note that this course runs for 9 weeks to accommodate ELA3.**

Students generally do very well in this course, but it's very important to keep up to date with the lecture recordings, the tutorial work and your assessments. The lectures will introduce the theory for the tutorial work, so it's important that you listen to them and make notes before your tutorial, which will occur the week AFTER the related lectures. If you need help in planning your study period and time management, please do ask for help and we can assist you with this.

In the meantime, good luck with your studies for Scientific Basis of Clinical Practice. We are looking forward to welcoming you and helping you to build confidence in caring for your patients.

Dr Sarah List (Overall Coordinator/On-Campus Coordinator)

Dr Sarah Davey (Off-Campus/Regional Coordinator)

## Academic Work Definitions

**Internal mode** includes face to face/in person components such as lectures, tutorials, practicals, workshops or seminars that may be offered at a University campus or delivered at another location. Courses delivered in internal mode may also be offered intensively allowing them to be completed in a shorter period of time. There is an expectation that students will be physically present for the delivery of face to face/in person teaching and learning activities.

### Lecture

#### Student information

A lecture is delivery of course content either in person, or online in a virtual classroom, that builds on the course readings and pre-lecture requirements for you and other students in the course. The primary purpose of the lecture is to comprehensively describe and explain course content, ideas or skills to provide a foundation on which students build understanding through extended study. Lectures may also be pre-recorded and embedded in online courses.

All students are expected to have undertaken required readings and assigned activities prior to the lecture.

### Tutorial

#### Student information

A tutorial can be conducted either in person or online in a virtual classroom. A tutorial is a facilitated group discussion, where your tutor leads analyses of issues and/or more detailed explanations related to the topics provided to you in online resources and/or lectures.

All students are expected to be familiar with relevant lecture content and readings prior to a tutorial and to participate actively in the related activities assigned for preparation. Tutorials may include a range of activities, including problem solving, group work, practical activities, and presentations.

## Course Teaching Staff

Primary Coordinator:	Dr Sarah List
Location:	UniSA Clinical & Health Sciences P4-13
Telephone:	+61 8 8302 2472
Email:	<a href="mailto:Sarah.List@unisa.edu.au">Sarah.List@unisa.edu.au</a>
Staff Home Page:	<a href="http://people.unisa.edu.au/Sarah.List">people.unisa.edu.au/Sarah.List</a>
Coordinator:	Dr Sarah Davey
Location:	UniSA Clinical & Health Sciences P4-10
Telephone:	+61 8 8302 2390
Email:	<a href="mailto:Sarah.Davey@unisa.edu.au">Sarah.Davey@unisa.edu.au</a>
Staff Home Page:	<a href="http://people.unisa.edu.au/Sarah.Davey">people.unisa.edu.au/Sarah.Davey</a>

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

## Contact Details

### Additional Contact Details

#### **BIOSCIENCES ADMINISTRATION SUPPORT**

Karen O'Callaghan  
University of South Australia  
City East Campus  
GPO Box 2471  
Adelaide 5001  
Telephone: (08) 8302 1262  
Email: karen.o'callaghan@unisa.edu.au

# Course Overview

## Prerequisite(s)

BIOL 1047 Human Body 1  
BIOL 1048 Human Body 2

## Corequisite(s)

There are no corequisite courses to be completed in conjunction with this course.

## Course Objectives

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

CO1. Explain how cells adapt to injury and why tissues initiate inflammatory and pain responses in acute and chronic disorders.

CO2. Explain the principles of pharmacokinetics and pharmacodynamics to understand the effects of drug responses across the lifespan.

CO3. Apply the principles of quality use of medicines including factors that influence the effectiveness of pharmacotherapy.

CO4. Explain the processes and principles of surveillance, detection and diagnosis of disorders.

CO5. Explain the mechanisms of neoplasia development, and the influence of risk factors including genetic and environmental aspects.

CO6. Summarise the mechanisms of drug interactions on inflammation, pain and the peripheral nervous system.

CO7. Apply relevant pathophysiological and pharmacological knowledge to case-based scenarios.

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	•		•				
CO6	•	•	•				
CO7	•		•	•		•	

## 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

Tissue injury and disease; cellular adaptations to injury in acute and chronic conditions; mechanisms of inflammation, tissue healing and pain; basic principles of pharmacology; pharmacokinetics; pharmacodynamics; pharmacological approaches to pain and inflammation; adverse effects; drug interactions; drug misuse; abuse and poisoning; the peripheral nervous system pharmacology; issues in quality use of medicines including individual and life stage factors influencing drug responses, client compliance, drug development, clinical principles of neoplasia and treatment; and public health; age related pathophysiology patterns. Contemporary health issues (public health, notifiable diseases, obesity and diabetes and stress)

## Teaching and Learning Arrangements

Lecture	3 hours x 9 weeks
Tutorial	2 hours x 9 weeks

## Unit Value

4.5 units

## Use of recorded material

This course will involve the production of audio and/or video recordings of UniSA students. To protect student privacy, you must not at any time disclose, reproduce or publish these recordings, or related material, in the public domain including online, unless the videoed students give consent for reproduction, disclosure or publication. This requirement is consistent with University statutes, by-laws, policies, rules and guidelines which you agreed to abide by when you signed the Student Enrolment Declaration.

## 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](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

### TEACHING AND LEARNING ARRANGEMENTS

This course is key in preparing you for clinical life. The aim is to begin to show you what can happen when a normal body system fails, and how it can present in clinical cases. You should start to develop your clinical question asking skills to determine more information from a patient, and begin to predict how their condition will progress and their clinical presentation will change if they are treated effectively, or if they do not receive appropriate treatment. You will begin to learn and understand the mechanisms of disease and why a patients' body is failing to maintain homeostasis - and use this to help determine which medications could be most effective as treatments due to their mechanistic actions in the body. You will also start to determine in which circumstances you may need to manage a patient's symptoms versus being able to reverse or resolve their condition. You'll also need to become skilful at determining a number of possible treatment approaches that are specifically tailored to the individual. The more you work to apply this to cases, the more you'll be able to see how understanding the science of health and disease can be used to determine the best course of treatment and predict the health outcomes of the patient.

### STUDY EXPECTATIONS:

You have chosen a mix of online and face to face teaching. The lectures will only be available by recording on the course website, but your tutorials will be face to face on campus. We will also be holding an OPTIONAL

weekly online Q&A session for students who have any questions about the week's lecture or tutorial content and would like to speak to a lecturer outside of class times (of course you are also welcome to contact us via email or phone or make a face to face appt to see us). Based on the great response to these weekly Q&A sessions last year, we will be offering them again via the virtual classroom 12-1 PM on Fridays each week (unless otherwise indicated).

**A practice/orientation to the course virtual classroom session in zoom will occur in week 1 on Tuesday the 28th Feb at 7pm and Wednesday 1st March at 10am.**

**Lectures:**

The lectures commence the week starting the 27th of Feb. All lectures will be available on the course website by Wednesday 5PM each week, via the appropriate week link. There will be 3 x 1 hour lectures each week for you to listen to.

**Tutorials:**

Tutorials start the week commencing March 6th and will be conducted at your enrolled day and time. The tutorials are 2 hours in length. The lecture content is available in advance of the tutorials that connect to the same content. It is essential that you prepare before your tutorials by listening to the relevant lectures before your tutorial session so that you can get the most out of them.

**TEACHING BREAKS AND PUBLIC HOLIDAYS**

Students please note that this course has a ONE week gap in formal teaching that does NOT coincide with the usual UniSA SP2 teaching break, so please double check your course dates. Additionally, if you are returning to this course, the teaching weeks have changed from the 2022 offering. Formal course contact (tutorials and lectures) concludes on May 5th to allow for placements for ELA3 (details about this can be obtained from the School of Nursing). A suggested plan for revision for the period with no formal classes will be made available on the course website, and regular optional discussion/revision sessions will be available in the non-teaching weeks to help students to revise and prepare for their final exam.

- Teaching block 1 commences on Feb 27th and runs until April 7th (6 weeks).
- Teaching block 2 commences on April 17th and concludes on May 5th (3 weeks).

**PUBLIC HOLIDAYS**

Some tutorial classes this year are affected by public holidays, and we will provide alternatives as the need arises.

# Learning Resources

## Textbook(s)

There are no textbooks listed for this course.

## Reference(s)

Our philosophy in BIOL2058 is to write the course with the intention that the lectures form the boundaries of what we expect you to have a good understanding of, and the tutorials allow you space to explore those ideas in practice. Therefore we don't have any prescribed texts, but we have some recommended resources that might be helpful.

The following two books are available in print or as ebooks for purchase. They are the kind of books that will both be helpful references for your later study (and into your working lives), but it's up to you to decide whether to choose to buy them. Perhaps see how you go for a few weeks and decide then. These are the sources of the images in our lectures, and there will be page references to both on the course website.

### Pathophysiology related:

Title: Understanding Pathophysiology - ANZ adaptation  
Author: Judy Craft, Christopher Gordon, Sue E. Huether, Kathryn L. McCance, Valentina L. Brashers  
Edition: 4

This book is Australia and NZ centred, very readable and easy to understand, and helps you to understand disease processes with lots of flow charts and diagrams.

### Pharmacology related:

Title: Lehne's Pharmacology for Nursing Care E-Book  
Author: Jacqueline Burchum, Laura Rosenthal  
Edition: 10

This book explains how medications work to alter disease processes, and which are the best choice for different comorbidities and medication combinations.

We also have made a reference of a free pharmacology ebook that may be accessed via the library and used in place of Lehne's Pharmacology. Page references will be included with our materials.

[Barber, Paul Essentials of Pharmacology for Nurses. Open University Press, 2020. 4th ed \(link to unisa library\) >>](#)

### **Further supporting materials:**

Some of your lectures from Human Body 1 and 2 will be useful to revise as they are the base for topics discussed this year. We will indicate where these are relevant and will provide links in the additional resources area of the relevant content weeks. These might also be helpful for students starting their degree this year with credit for their EN studies.

## 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://asklearnonline.unisa.edu.au/app/answers/detail/a\\_id/2222/kw/coversheet](https://asklearnonline.unisa.edu.au/app/answers/detail/a_id/2222/kw/coversheet)) and in myUniSA.

## Assessment Descriptions

### Assessment 1

Single		25% of Course Total			Objectives being assessed:CO1, CO2, CO3		
Title	Team work	Length	Duration	Due date (Adelaide Time)	Submit via	Re-Submission	Re-Marking
Mid Quiz	No	-	60 minutes	Week 6	In your tutorial session	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

#### Assessment #1 - CLOSED BOOK QUIZ

Weighting: 25%

When: Week 6 during your enrolled on campus tutorial session

Questions: 50 MCQs (50 marks)

Time to complete: 60 mins (NO reading time)

Content assessed: Topics 1, 2 and 3 (This includes the first 4 weeks of lectures - Intro to Pathophysiology up to the conclusion of Contemporary Health Issues)

Access plan students: If you have an access plan please send this ASAP so that we can make sure any arrangements you need can be put in place well in advance.

#### For Revision:

The 'Self Assessment Quizzes' tab on the course home page contain short self-assessment quizzes for the material covered. Please use these to give yourself some feedback on the areas of strength and weakness to help your revision planning. You should attempt these quizzes and compare your answers with the annotated answers provided. Attempting these quizzes will give you an indication of your grasp of the foundational knowledge presented in the early topics and indicate where you may need to focus your study in revision for quiz day.

In addition, there will be a practice quiz posted to the Assessment Examples area during the study period. This formative practice quiz is written specifically for the course so that you can get a clear picture of the difficulty and style of questions in the summative quiz.

#### Feedback:

Feedback for this assessment will be provided during your week 8 tutorial, and you are very welcome to make a time with the coordinators to organise a more thorough one on one feedback session (in person, via zoom or email).

### Assessment 2

Single (Continuous)			25% of Course Total		Objectives being assessed:CO1, CO2, CO3, CO4, CO5, CO6			
Title	Team work	Length	Duration	Sub-weighting	Due date (Adelaide Time)	Submit via	Re-Submission	Re-Marking
Week 2 (Module 1): Introduction to Pathophysiology	No	300 words	-	20%	31 Mar 2023, 5:00 PM	KuraCloud website	No	No
Week 3 (Module 2): Introduction to Pharmacology	No	300 words	-	20%	31 Mar 2023, 5:00 PM	KuraCloud website	No	No
Week 4 (Module 3): Quality use of Medicines	No	300 words	-	20%	31 Mar 2023, 5:00 PM	KuraCloud website	No	No
Week 7 (Module 4): Inflammation and Treatments	No	300 words	-	20%	8 May 2023, 5:00 PM	KuraCloud website	No	No

Week 8 (Module 5): Peripheral Nervous System - Respiratory Focus	No	300 words	-	20%	8 May 2023, 5:00 PM	KuraCloud website	No	No
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Further information on re-marking and re-submission is available in the academic policy, AB-68 P4 Re-marking and Re-submission Procedure

## Assessment #2 - LT kuraCloud Modules

Weighting: 25%

Five online modules will be assessed across the study period via LT kuraCloud.

Due Friday March 31st at 5PM (Adelaide Time): Modules 1, 2 and 3

Due Monday May 8th at 5PM (Adelaide Time): Modules 4, & 5

## Each module consists of TWO SUMMATIVE Parts:

Main Tutorial Activity: Students will be applying base knowledge from the lectures to clinical cases, guided by their tutor during your tutorial session.

Self-directed Activity: based on the lectures to help you to assess your own knowledge of the content and help guide your study practices for each topic. These activities are recommended to be completed after the tutorial class as it will be helpful but must be submitted by the due date above along with the main tutorial activity. BOTH of these activities in each module are SUMMATIVE, graded assessments. In addition, there are three FORMATIVE activities (two guided with tutors in weeks 5 and 9, and one independent study unit for students to complete at their convenience during the non teaching weeks) that are not marked, but have been created to help you to understand the content of each of these topics in preparation for the exam.

These activities will incorporate a mix of concept maps (flow charts) to be completed by drag and drop, multiple choice questions (MCQs) that apply to the concept map content and other activities. Feedback will be provided after the due dates once all students have completed the assessments. A practice (FORMATIVE) LT kuraCloud activity will be available in Week 1 to show you how kuraCloud works and help you to understand the requirements for the SBCP course.

Please note that extensions will not be granted for 'technical issues' if these are not reported via email to the coordinators with evidence before the assessment deadlines.

## Assessment 3

Single		50% of Course Total		Objectives being assessed: CO1, CO2, CO3, CO4, CO5, CO6			
Title	Team work	Length	Duration	Due date (Adelaide Time)	Submit via	Re-Submission	Re-Marking
Final Exam	No	-	2 hours	Exam period	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

## Final Exam 50% - OPEN BOOK

SP2 Exam Period: 17 Jun – 1 Jul 2022

Exam timetable release date: 28th April 2022

This information available from:

[https://i.unisa.edu.au/campus-central/Exams\\_R/Before-the-Exam/Exam-period-and-timetable-release-dates/](https://i.unisa.edu.au/campus-central/Exams_R/Before-the-Exam/Exam-period-and-timetable-release-dates/)

## CONTENT:

The exam will be OPEN BOOK and consist of 100 Multiple Choice Questions (100 marks) and will assess material presented in ALL Topics of the Course (Note: the lectures and tutorials cover the same content). You don't need any special materials to complete the exam.

The duration of the exam will be 2 hours with no reading time.

Access plan students: If you have an access plan please send this ASAP so that we can make sure any arrangements you need can be put in place well in advance.

The standards by which the exam will be assessed are as per the university grading system.  
A practice exam will be available later in the study period on the course homepage in the Practice Assessments area.

These items must not be enhanced or tampered with in any way.

Supplementary examinations may be offered according to University guidelines.

If you have an Access Plan we can provide you with access to a quiz with extra time if needed. However, it is your responsibility to contact the course coordinator (Sarah List) BEFORE the quiz day to ensure your additional requirements for completion of assessments are known to us.

### **Where to sit your exam**

You can choose the location of where you do the exam. This may be at your home, another suitable venue or you can complete your exam on campus. Make sure the venue is quiet, well-lit and ventilated.

If you choose to come to campus you have the following options:

Computer pools/barns at each campus (not bookable).

Designated quiet spaces in metropolitan campus libraries during the exam period (not bookable).

A limited number of study rooms are available at each metropolitan campus and at Whyalla, and can be booked via the room booking website. [link: <https://my.unisa.edu.au/student/roombookings/studyrooms>]

Spaces at the Mount Gambier campus can be booked by contacting [ian.mckay@unisa.edu.au](mailto:ian.mckay@unisa.edu.au). (if required)

If you choose to come on campus, you are encouraged to arrive an hour before your exam is due to start to locate a space and get set up.

Please note that on-campus spaces will not be supervised.

### **Academic integrity during your online exam**

Your online exam is open book. This means you can use any course material, including textbooks, readings, the course website and your own notes to answer the exam questions. It also means you can use the internet.

You won't directly find the answers to most of the exam questions amongst these materials. The questions are unique and require the application of your knowledge. Some questions may vary from student to student and answers in multiple choice questions may be shuffled. Copying/adapting the answers from someone else may reveal that cheating has occurred.

You cannot complete the exam in collaboration with, or obtain assistance from, anyone else. Ensure that you work independently on your exam and that all work submitted is your own original work, except where acknowledgement of sources is made.

### **Test your computer and internet connection**

It is important that you test your computer and internet access before you attempt the Practice Exam. Use the link below to do the test on the computer you will use during the actual exam and preferably in the location you will do the actual exam.

Here is the link: <https://my.unisa.edu.au/Public/ComputerSystemTest/learnonline>.

### **Practice Exam (Not Available yet - we will notify you when it is available)**

You are recommended to undertake the Practice Exam to ensure you are prepared for your online exam.

It will be timed, and in a matching format (2 hours and no additional reading time) and content covered as the final exam itself, to give you a feel for how to structure your time and what sections you struggle with and have a better understanding of. You can take the Practice Exam as often as you want, but keep in mind that the more times that you complete the practice exam, the more familiar you will become with the specific questions and the less accurately you will be able to determine where your learning gaps are.

Important: Please do the Practice Exam in the same location and with the same device (e.g. laptop) that you plan to do the actual exam. This will ensure you have fully tested both the environment and equipment you will have for the actual exam.

If you have any technical difficulties (e.g. with your laptop) during the Practice Exam contact the IT Help Desk directly. Let me know by email if you have any other questions or issues.

Whilst the Practice Exam can be attempted as many times as you like the actual exam will only allow one attempt.

### **How to get help before or during the exam**

Technical difficulties - call the IT HELP DESK

If you experience any technical issues while completing your exam contact the IT Help Desk, this may include

internet connection issues or computer performance which has impacted on your ability to complete your exam. Tell the Help Desk the specific details of the technical issue, including time and any screen shots or other evidence to support your request.

Please do not hang up even if you are on hold as a service ticket will be raised once the call is answered. This service ticket will be your evidence of an issue occurring.

\*\*\* Write down the relevant phone number below on paper or add it to your phone contacts.

South Australia: 8302 5000

Interstate & Country: 1300 558 654 (cost of a local call)

International: (+61 8) 8302 5000 (we can call you back to minimise your call costs)

Questions about the Exam - Email your Course Coordinator

To clarify any questions in the exam email us. Make sure you do this in a new web browser window or a dedicated email client to ensure you are not logged out of the exam. You can email us at any time during the exam period.

\*\*\* Write down our email on paper or add it to your phone contacts.

BIOL2058Coordinators@unisa.edu.au

## Feedback proformas

The feedback proforma is available on your course site.

## Additional assessment requirements

There are no additional assessment requirements identified for this course.

## Marking process

All assessment results will be returned within the university's approved timeframe.

Final marks for the exam will not be released in accordance with university policy, however students may request detailed feedback on their exam from the Course Coordinator.

## Penalties for late submission

Penalties are not applicable in this course

## 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. More detail is available in the Assessment Policy and Procedure manual ([Examination Procedures, section A3](http://i.unisa.edu.au/policies-and-procedures/codes/assessment-policies/)) at <http://i.unisa.edu.au/policies-and-procedures/codes/assessment-policies/>

## Additional Exam Information

The final exam will be an open book, online assessment. There will be 100 MCQs and a practice exam will be made available prior to this time. Please see the main exam information in this guide for the complete details.

## Deferred Assessment or Examination

Deferred assessment or examination is available for this 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/>

Students whose final total is in the 45-49 range may be eligible for a supplementary exam.

## Special Consideration

Special consideration is available for this course.

## 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/](http://i.unisa.edu.au/campus-central/Exams_R/Before-the-Exam/Alternative-exam-arrangements/)

## Action from previous evaluations

We are constantly updating the course, and always appreciate helpful feedback. The COVID period has been challenging and we are working very hard to create a course that's interesting and engaging regardless of how we may have to teach in order to provide a safe environment.

A course evaluation instrument will be activated towards the end of the semester and students will be requested to provide feedback via this instrument. Data collected through this survey will be used to improve the quality of teaching and learning at UniSA and could also be used in external publications and presentations. Individual responses will remain confidential and no individuals will be identified.

Previous feedback associated with the course in the last couple of years in Scientific Basis of Clinical Practice was positive about the strong links between the scientific reasoning and clinical care. Additionally students report there is good connectivity between their first year course content from Human Body 1 and 2, and this course.

Based on the feedback from our students some of the changes we have made are:

1. Added a weekly self-directed summative activity, so that you can double check your understanding of what you discussed with your tutor during the tutorial session.
2. Weekly modules that cover all topics (some are formative, some are summative): to give more feedback and practice on every topic.
3. More training for tutors using kuracloud to teach during the sessions: so that students are given more guidance to find their answers to their questions.
4. More integration and discussion of the tutorial case studies during the lectures - so that the connectedness of the lectures and tutorials is made more explicit.
5. We have reduced the learning objectives for each topic to a maximum of three to reduce the student workload.
6. Added a revision program for the gap between teaching and the exams, and optional weekly online Q&A sessions for any 'loose end' content in the lectures or workshops that needs clarifying.

We will be very interested to receive your feedback on these changes so that we can improve the experiences of our students in this course.

# Course Calendar

## Study Period 2 - 2023

	Weeks	Topic	Tutorial	Assessment Details (Adelaide Time)	Public Holidays
1	27 February - 5 March	1: Introduction to pathophysiology: Cellular injury and adaptations 2: Introduction to pharmacology 3: In and out: Drug movement through the body & poisoning	Orientation to course and LT via Zoom (online kuracloud activity FORMATIVE, led by the course coordinators)		
2	06 - 12 March	1: Pharmacokinetics 2: Pharmacodynamics 3: Individual and lifespan factors in drug responses	Week 2 (SUMM MODULE 1): Intro to pathophysiology		
3	13 - 19 March	1: Issues in Quality Use of Medicine 2: Patient adherence 3: Drug development	Week 3 (SUMM MODULE 2): Intro to pharmacology		Adelaide Cup Day 13 Mar 2023
4	20 - 26 March	1: Contemporary health issues - Introduction 2: Contemporary health issues - Obesity 3: Contemporary health issues - Stress	Week 4 (SUMM MODULE 3): Quality Use of Medicines		
5	27 March - 2 April	1: Acute and chronic inflammation and wound healing 1 2: Acute and chronic inflammation and wound healing 2 3: Anti-inflammatory treatments 1	Week 5: Contemporary Health Issues (Formative module, online via Zoom)	Week 2 (Module 1): Introduction to Pathophysiology due 31 Mar 2023, 5:00 PM  Week 3 (Module 2): Introduction to Pharmacology due 31 Mar 2023, 5:00 PM  Week 4 (Module 3): Quality use of Medicines due 31 Mar 2023, 5:00 PM	
6	03 - 9 April	1: Anti-inflammatory treatments 2 2: Peripheral Nervous System (PNS) 1 3: PNS 2	QUIZ - occurs in your weekly tutorial session (Friday class will have an alternative arrangement)		Good Friday 07 Apr 2023



	10 - 16 April	Mid-break	No Classes	Easter Monday 10 Apr 2023
7	17 - 23 April	1: PNS 3 2: PNS 4 3: Mechanisms of pain	Week 7 (SUMM MODULE 4): Inflammation and Treatments	
8	24 - 30 April	1: Analgesic selection and mechanisms 2: Local and general anaesthesia	Week 8 (SUMM MODULE 5): Peripheral Nervous System and Quiz feedback	Anzac Day 25 Apr 2023
9	01 - 7 May	1: Neoplasia 1 2: Neoplasia 2 3: Neoplasia 3	Week 9 (Formative Module): Pain and Analgesics	
10	08 - 14 May	Teaching break	No Classes - Revision Only Formative Neoplasia Lt kuraCloud Module available.	Week 8 (Module 5): Peripheral Nervous System - Respiratory Focus due 08 May 2023, 5:00 PM  Week 7 (Module 4): Inflammation and Treatments due 08 May 2023, 5:00 PM
11	15 - 21 May	Teaching break	No Classes - Revision Only	
12	22 - 28 May	Teaching break	No Classes - Revision Only	
13	29 May - 4 June	Teaching break	No Classes - Revision Only	
14	05 - 11 June	Teaching break	No Classes - Revision Only	
	12 - 18 June	Exam week	Exam period 17 Jun - 01 Jul	Queens Birthday 12 Jun 2023
	19 - 25 June	Exam week	<u>Exam timetable released Friday 28 April</u>	
	26 June - 2 July	Exam week		