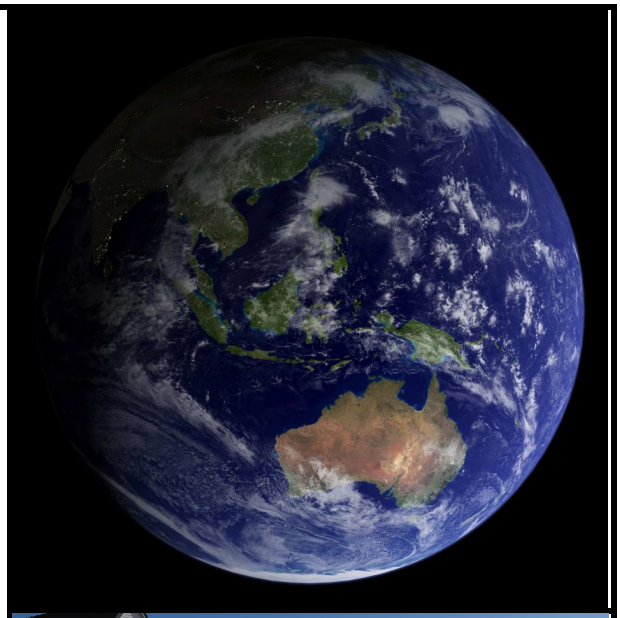
School of Biological, Earth and Environmental Sciences, Faculty of Science



GEOS 1701

Environmental Systems, Processes and Issues

Trimester 2 (T2) 2022

Course Outline

Welcome to GEOS1701!

Welcome to the GEOS1701! The last few years have seen significant COVID-19 related interruptions to how we teach this course, but we are slowly starting to return to normal. This year we are able to hold one lecture a week in person and all of the labs will be held face-to-face. However, two of the weekly lectures and all of the tutorials will still be held online. Regardless of these online restrictions, we are fully committed to providing you with a high quality course and learning experience. Please take advantage of the face-to-face labs, the face-to-face lecture and the live online lectures and tutorials. Interacting with each other and your lecturers is one of the best parts of the university experience!

The very first thing you should do in the course is watch the '*Welcome to GEOS1701 from the Course Convenor*' and '*Welcome to GEOS1701 from the Lab-Coordinator*' recordings on the Course Moodle Page prior to commencing the course in Week 1. These introductory videos will describe the logistics of the course, how it will run and basically go over this Course Outline.

The course platform will be the Course Moodle Page so please familiarize yourself with it. All lectures and tutorials will be held online and recorded, but the face-to-face Labs will not be recorded.

1. Staff

Professor Rob Brander (Course Convenor)
Biological Sciences North (D26) Room 401B; Phone: 0401 420 962; Email: rbrander@unsw.edu.au

Associate Lecturer David Edwards (Lab Co-ordinator)
Biological Sciences North (D26) Room 401C; Phone: 0402 114 501; Email: d.edwards@unsw.edu.au

Dr. Adrian Fisher
Samuels Building (F25) Room G14A; Email: Adrian.fisher@unsw.edu.au

Associate Professor Scott Mooney
Biological Sciences North (D26) Room 410D; Email: s.mooney@unsw.edu.au

Dr. Heather Haines (Assistant Lab Co-ordinator)
Hilmer Building (E10) Room 539; Email: h.haines@unsw.edu.au

All lecturers are available for meeting or consultation with students by appointment. To arrange a time, please email the lecturer in the first instance.

Laboratory Staff: The **Lab Co-ordinator** for the course is David Edwards although most lecturers will participate in some of the labs.

Tutorial Staff: Tutorials will be run by David Edwards and Prof. Rob Brander.

2. Course Information

Course Code: GEOS 1701

Units of Credit: 6

Hours per Week: 3 Lecture, 3 Practical (Lab), 1 Tutorial (not held in Weeks 6, 8, 9)

Prerequisites: None

Online Timetable: http://timetable.unsw.edu.au/2022/GEOS1701.html

2.1 Course Summary

GEOS 1701 explores the role of environmental processes, operating over a range of temporal and spatial scales, in shaping patterns of the physical environment in the context of human interactions and resulting management issues. This important topic incorporates the fields of Physical Geography, Environmental Science, Environmental Management, Remote Sensing and Biogeography. Specifically, we examine the variety of processes operating in atmospheric, terrestrial, hydrological, coastal and ecological systems. Course material provides a broad overview of global physical environments, although emphasis will be placed on Australian examples. More information is provided in the Course UNSW Handbook entry available at:

https://www.handbook.unsw.edu.au/undergraduate/courses/2022/GEOS1701

2.2. Course Aims

There are two fundamental aims of this course: i) to provide students with an understanding of physical environments and the processes that form and influence them; and ii) introduce students to a range of environmental management issues by examining the nature of interactions between humans and natural systems. Students will also gain an appreciation of how we monitor environmental process and change.

2.3 Course learning outcomes (CLOs)

The Course Learning Outcomes (CLOs) for this course describe what you should be able to do by the end of the semester if you participate fully in all learning activities and successfully complete all assessment items. These CLOs also relate to some of the overall Program Learning Goals for all undergraduate students taking Geoscience and Environmental Science degrees. The following table shows how the CLOs for this course relate to these Program goals and indicates where in the course the CLOs are assessed.

Table 1. Course Learning Outcomes (CLOs) for GEOS1701.

Program Learning Goals	Course Learning Outcomes	Course Delivery Method
This course helps you to achieve the following learning goals:	*On successful completion of this course, you should be able to:*	*The learning outcome will be assessed in the following items:*
1. Knowledge	Describe fundamental process and form relationships of physical environmental systems Interpret past, present and future controls on physical environments Discuss complex human-physical relationships causing Australian and global environmental management issues Identify pathways and challenges involved in solving these environmental problems	• Lectures • Lab assessments • Lab workshops • Mid-Term and Final exam
2. Critical thinking and problem solving	Formulate and solve real problems in relation to environmental data using basic statistical analysis, presentation of data plots, using methods appropriate to the problem and available data	• Lab assessments • Lab workshops • Tutorials • Water use report • Mid-Term and Final exam
3. Written communication	Construct written work which is logically and professionally presented using the scientific method Convey data, statistics and graphical results so that non-experts can understand the key outcomes of analyses Self-manage successful time management strategies	• Lab assessments • Lab workshops • Tutorials • Water use report • Mid-Term and Final Exam
4. Personalised, self-guided, flipped classroom and blended, learning skills	Complete independent research and learning using a variety of internet based resources and computing skills	• Pre-lab material • Self-guided lab workshops
5. Practical skills	Be aware of various methods, techniques and approaches used to monitor and measure different physical environments Use word processing, data spreadsheet and geo-spatial software	• Lectures • Labs • Lab assessments • Water use report • Tutorials

2.5 Continual Course Improvement

This course has always been popular with students and we continually adjust the course to make it better based on student feedback. We believe that this a field-based course and last year we modified the labs so that most of them involve field-based activities conducted at nearby locations. We also modified the lab-

based assessments to focus on these field-based activities. Unfortunately we were unable to conduct these labs properly due to COVID restrictions – so we will attempt them again this year!

We will continue to have both a Mid-Term and Final exam to break up the amount of material that needs to be studied. This has been very popular with students in the past. We feel that all of these changes will make for a more enjoyable course and better learning experience this year.

2.6 Follow On Courses

This course is intended to provide you with basic skills and knowledge for upper level courses that might interest you such as:

GEOS 2711 Australian Climate and Vegetation (T2)

GEOS 2721 Australian Physical Environments (T3)

GEOS 3761 Environmental Change (T2)

GEOS 3921 Coastal Resource Management (T3)

GEOS 3731 Coastal Processes and Hazards (T3)

This course can also be taken with the course *BIOS1301 Ecology and Sustainability* as part of the first year of the Bachelor of Science Major in Geography.

3. Strategies and Approaches to Learning

3.1 Learning and teaching activities

Course learning outcomes (CLO's) are achieved through a range of instructional techniques including lectures, laboratory classes, assessments and tutorials. Lectures provide learning through delivery of the core content of the course. Lab classes provide a range of learning strategies and students will gain experience in landscape interpretation using geo-spatial software such as Google Earth and NearMap and through actual measurement techniques used in the field. Tutorials will provide students with essential skills required for researching, reviewing, and presenting a major course assessment.

3.2 Expectations of Students

Announcements: Announcements regarding the course will be made online via the Course Moodle page. It is the responsibility of students to ensure they are aware of and **read all announcements.**

Assistance: General enquiries should be directed to the Science Student Centre Nucleus Student Hub on Level 2 of the Library Building (Ph: 9385-6125) or lodge an online enquiry via unsw.to/webforms with your zID. Specific BEES course and program related enquiries will be re-directed to Faye Mo who can be emailed directly (faye.mo@unsw.edu.au).

Queries relating specifically to the course should be directed to the Course Convenor Professor Rob Brander, or your lecturer at the time.

Attendance: We will not monitor attendance for lectures or tutorials and all lecture and tutorial classes will be recorded. However, we strongly encourage you to attend any face-to-face lectures and 'live' online lectures/tutorials as these give you a valuable opportunity to interact and engage with your lecturers and fellow classmates. We only take attendance for the face-to-face lab classes and this is only for purposes of monitoring student progress and well-being in the course. You will not be penalized for not attending labs. However, the labs are NOT recorded and as the labs involve assessments, you will be severely disadvantaged in the course if you do not attend all of the labs. Students who miss a significant amount of course material, or miss an assessment task, due to ill health or other issues are advised to contact Prof Rob Brander (Course Convenor) as soon as possible and provide certified documentation.

Illness: You can apply for **Special Consideration** when illness or circumstances that are beyond your control, or are unexpected, interfere severely with your academic performance. More information on Special Consideration can be found at: https://student.unsw.edu.au/special-consideration

Exam Period: The Mid-Term Exam will be held online via Moodle during Week 5 on Monday June 27 starting at 7 pm. It will take approximately 1.5 hours to complete. The Final Exam will be held during the T2 examination period (August 12-25). The University expects that all students be available for the entire duration of the examination period. Please bear this in mind when making end of trimester work or travel plans. The Final Exam timetable is released later in the Trimester. It is likely at this stage that the Final Exam will be held online. This will be confirmed before the end of term.

Online Needs: As much of the course will be run online, it is expected that students ensure they will have regular and reliable access to the internet while off campus via home computers, personal laptops or through personal electronic devices (e.g. mobile phone, iPad). There will be numerous direct online sessions for staff and students to interact. Students should ensure that their device has a working microphone and while a camera is not essential, it is highly recommended.

Course Evaluation: Student evaluative feedback on the course is gathered every year through the use of UNSW MyExperience, which is available through your MyUNSW account and on the Course Moodle page towards the end of the trimester. MyExperience allows you to provide feedback on both the course itself and the teaching provided in the course. Student feedback is taken very seriously and influences continual course improvements so please contribute. More information on MyExperience can be found at: https://student.unsw.edu.au/myexperience

4. Course Schedule and Structure

GEOS1701 consists of 6-7 hours of dedicated class hours per week (Lecture + Lab + Tutorial). You are expected to spend an additional 6-8 hours of non-class contact hours on average to complete assessments, any pre-lab material, suggested readings and exam preparation.

Students will be notified via Moodle about the specific Lecture, Lab and Tutorial requirements prior to the start of each Week with a '*What's in Store for Week X*' announcement. Please be aware that the structure and delivery method may vary from week to week, but students will be informed in advance about how each Week will run in this announcement.

4.1 Lecture program

There are 3 x 1 hour lectures per week:

Lecture 1 = Monday 9-10 am Online*

Lecture 2 = Wednesday 11-12 Colombo Theatre A (B16)

Lecture 3 = Thursday 9-10 am Online*

Online Lectures – these will be a mix of 'live' and 'pre-recorded'. 'Live' means we will actually give the lectures online at the scheduled time and you can join in and participate. 'Pre-Recorded' means that the lectures will be recorded at a different time and uploaded so that they are available at the scheduled time to view (or at a time that suits you). We will let you know in advance which format these will be delivered. All lectures will be recorded and made available on the Course Moodle page. You will be advised of the method of lecture delivery and reminded of the timing of any live online lectures the week before. Please note that different lecturers may use different online platforms to deliver their lectures.

Any live online lectures will start at 5 minutes past the hour, which is similar to normal face to face lectures Some of the lectures may go over time in order to finish the lecture material.

*Note that Professor Rob Brander's online live lectures will be held from 7-8 pm.

4.2 Laboratory program

Lab classes are scheduled as 3 hours per week as shown in Table 2 and will be held face-to-face in **Teaching Lab 2 in the Biological Sciences Building North (D26)**. However, some labs will be field-based and you will be asked to meet at various locations external to campus (Week 4, 7, and 9 labs). You will be advised of these meeting locations and times in advance.

You should be enrolled in <u>one</u> of the following Lab times and should stick to your Lab once enrolled:

Lab Class 1	Thursday 10 – 1
Lab Class 2	Thursday 2 – 5
Lab Class 3	Friday 10 – 1

Table 2. GEOS 1701 Lecture, Lab and Tutorial Program for T2 2022. Lectures in **bold** will be held face-to-face in Colombo Theatre A.

Week	Lecture #	Lecture Topic	Who	Lab Details	Tutorials
1 (May 30 –June 3)	1	Life, The Earth and Everything	RB	Lab Assessment 1. Part A: Google Earth • Complete pre-lab material • In-Lab workshop	Introduction to Water Use Report
	2	**Landscape Evolution**			
	3	Landform Movement and Hazards			
2 (June 6-10)	4	Arid Environments	RB	Lab Assessment 1. Part B: Mapping • Complete pre-lab material • In-Lab workshop	Water Use Report Q&A
	5	**Catchment Hydrology**			
	6	Water Resources and Pollution			
3 (June 13-17)	7*	River Systems	RB	Lab Assessment 1. Part C: Remote Sensing/Environ Change • Complete pre-lab material • In-Lab Workshop • Online Lab Assessment 1	Water Use Report: Working with Data (Figures/Tables/Sig Digits)
	8	**Remote Sensing of Environmental Change**	AF		
	9	River Processes and Management Issues	RB		
4 (June 20-24)	10	Coastal Processes	RB	Lab Assessment 2. Coastal Lab Maroubra Beach • Complete pre-lab material • Meet at Maroubra Beach • Conduct field measurements	Mid-Term Exam Review
	11	**Coastal Environments**			
	12	Coastal Hazards and Management Issues			

Week	Lecture #	Lecture Topic	Who	Lab Details	Tutorials
5 (June 27-July 1)	13	Earth's Atmosphere and Energy Balance	DE	Lab Assessment 2. Coastal Lab Workshop • Lab workshop • Online Lab Assessment 2	Water Use Report: How to Write a Report + References
	14	**Climate Elements**			
	15	Global Circulation Systems			
6	**Monday July 4 – Friday July 8 = UNSW FLEXI WEEK *NO CLASSES***				
7 (July 11-15)	16	Global Climates	DE	Lab Assessment 3. Coogee Self-Guided Field Lab • Complete pre-lab material • Lab workshop • Conduct self-guided fieldwork at Coogee Beach	Water Use Report: Last Minute Q&A
	17	**Climate Change and Variability**			
	18	Human Induced Climate Change 1			
8 (July 18-22)	19	Human Induced Climate Change 2	AF	Lab Assessment 3. Coogee Self-Guided Field Lab • Online Lab Assessment 3	
	20	**What is Biogeography?**	SM		
	21	The Distribution of Individuals	SM		

Week	Lecture #	Lecture Topic	Who	Lab Details	Tutorials
9 (July 25-29)	22	Is Biodiversity Important?	SM	Lab Assessment 4. Biogeography Field Lab • Complete pre-lab material • Meet on-site (TBA) • Conduct field measurements	
	23	**Is there a Limit to Human Populations?**			
	24	Are Australian Ecosystems Different?			
10 (Aug 1-5)	25	Humans as Agents of Change	SM	Lab Assessment 4. Biogeography Lab • Online Lab Assessment 4 • Water Use Report Feedback • MyExperience	Final Exam Review
	26	**Inter-Disciplinary Environmental Science**			
	27	Live Q&A + Future Courses			

*June 13 is a Public Holiday (Queen's Birthday) and this online lecture will be pre-recorded

Note: RB = Professor Rob Brander; DE = David Edwards; AF = Dr Adrian Fisher; SM = Associate Professor Scott Mooney

Please be aware that the topics listed in Table 2 may change at the discretion of the Lecturers. Students will be notified in advance of any changes to the lecture topics or sequence.

For due dates/weeks of assessments, please refer to Table 3. **Students will be notified of specific due dates and times for assessments and methods of handing in assessments during the course.**

Some of the labs may have a **pre-recorded introduction** and/or **pre-lab material** to the lab class that students are required to view and/or complete before their lab starts. This material will be made available to students in advance to allow students enough time to complete any tasks.

Lab classes commence in Week 1 as outlined in Table 2.

4.3 Tutorial program

Tutorials will be **held online** and are scheduled as 1 hour per week at one of the following times:

Tutorial 1	Tuesday 10-11
Tutorial 2	Tuesday 2-3
Tutorial 3	Tuesday 3-4

Tutorials commence in Week 1, but they will not run every week during the Trimester. The tutorial schedule is outlined in Table 2. Tutorials will begin at 5 minutes past the hour.

You will need to stick to your Tutorial time once enrolled. You will be notified in advance of the requirements for your Tutorials each week.

Some of the tutorials will have pre-recorded Introductions that you will watch at the start of the tutorial before engaging directly with the lecturers.

5. Assessment

5.1 Assessment tasks

Assessment of your performance in this course will utilise a range of different tasks and methods. Each assessment item will focus on different elements of the course. Course assessment will consist of three components as shown in Table 3:

5.2 Assessment criteria and standards

Lab Assessments are assessed on how students take theory and apply it into practical tasks. Literacy and numeracy are also assessed as part of these exercises. Lab assessments should be mostly completed during lab class times, but often extend over multiple Lab Weeks. The ***Mid-Term*** and ***Final Exam*** are based only on lecture material.

We follow the UNSW grading system: https://student.unsw.edu.au/grade. We will follow the normal grading of HD/D/CR/P etc. You should also familiarise yourself with the UNSW assessment policy: https://student.unsw.edu.au/assessment

Table 3: GEOS 1701 Assessment Guide T2 2022.

Assessment Item	Assessment Details	Due Date	Value (%)
Lab Assessments (4 @ 10% each)	1. Google Earth/Mapping/RS	Online Quiz in Week 4	40
	2. Coastal Field Lab	Online in Week 5	
	3. Coogee Field Lab	Online in Week 8	
	4. Biogeography Field Lab	Online in Week 10	
Water Use Assignment	In Tutorials	Submit online Wed July 13 @ 10 pm (Week 7)	20
Mid-Term Exam	Lectures 1-12 material only	Week 5 Online (Monday June 27 @7 pm)	18.5
Final Exam	Lectures 13-26 material only	Aug 12-25 (Day TBA)*	21.5

*End of Session Exam Period. Schedule is released in late T2.

5.3 Submission of assessment tasks

Students will be advised how to submit their assessments in their Lab and Tutorial Classes and via announcements made on Moodle.

Late work will be penalised by 10% of the value of the assignment per day (not including weekends). After 7 late days the work will be given a value of 0%. This is School of BEES policy and there are no exceptions unless an extension is provided. Extensions are only provided by the Course Convenor (Prof. Rob Brander) or the Lab Co-ordinator (David Edwards) for valid reasons (medical or otherwise) and official certification must be appended to the work when handed in.

Only valid reasons will be accepted for missing the Final Exam and appropriate documentation relating to your absence is required.

5.4 Feedback on assessment

Marking of your assessments will be provided by lecturers with assistance from academic staff in the School of BEES and a peer review process on occasion. Where multiple markers are involved, the marks will be checked for consistency. Depending on the nature of the assessment, feedback on assessments will be provided either on the returned Assessment and/or discussed verbally in an online Lab Class session. There will be numerous interactive online Lab sessions that will involve assessment feedback and course revision.

Feedback on the final exam is possible by appointment only. Final examinations are retained in the School for a period of 6 months, after which they are destroyed.

5.5 Grade Summary

A final grade summary for all assessments during the course prior to the Final Exam will be posted on the course Moodle website **once the MyExperience student course evaluations (Section 3.2) reach a 75% response rate**. This summary is valuable as it allows students to check for any data entry errors.

6. Academic Integrity, Referencing and Plagiarism

Academic Integrity is fundamental to success at university. Academic integrity can be defined as a commitment to six fundamental values in academic pursuits: honesty, trust, fairness, respect, responsibility and courage (Fishman, 2013). At UNSW this means that your work must be your own and others' ideas should be appropriately acknowledged. If you don't follow these rules, **plagiarism** may be detected in your work.

Every year at UNSW, many students are caught copying or cheating in various ways resulting either in severe penalty for the assignment in question or in automatic failure of a course. If you think we do not recognize copying and plagiarism, you are very mistaken!

In addition to the UNSW Policy on Academic Honesty and Plagiarism, the School of Biological, Earth and Environmental Sciences (BEES), also considers any work submitted that has been produced outside of a given course in a given year to be plagiarism *i.e*:

- Work produced for a third party *e.g*. your place of employment, is considered intellectual property of the third party, and as such if such work is submitted in place of a required course work, it is deemed plagiarism.
- All work submitted for assessment must be created specifically for the given assessment task in the given year. Work produced in previous years or for other assessments is not acceptable.

Further information about academic integrity and plagiarism can be located at:

- The Current Students site https://student.unsw.edu.au/plagiarism, and
- The ELISE training site http:/subjectguides.library.unsw.edu.au/elise/presenting

The *Conduct and Integrity Unit* provides further resources to assist you to understand your conduct obligations as a student: https://student.unsw.edu.au/conduct

Referencing is a way of acknowledging the sources of information that you use to research your assignments. You need to provide a reference whenever you draw on, or replicate, someone else's words, ideas or research. Not referencing other people's work can constitute plagiarism.

For further information about referencing styles see https://student.unsw.edu.au/referencing

For example, the Fishman (2013) reference above would be listed in a reference list as:

Fishman, T. (Ed.) 2013. *The Fundamental Values of Academic Integrity*. International Center for Academic Integrity, Clemson University.

7. Resources and Readings

7.1 Moodle

This course is available online through the UNSW Moodle system which can be accessed via your MyUNSW or by:

1. Going to https://moodle.telt.unsw.edu.au/login/index.php
2. Enter your Username (your UNSW zID) and Password (your zPass) and click the 'Agree and sign on' button
3. Look for GEOS1701 under the 'My Courses Tab'

The GEOS1701 Moodle page will contain information regarding course announcements, lectures, labs, tutorials and assessments – everything basically! You will find that the course has been divided into various sections related to Course Information, Lecture/Lab/Tutorial Recordings, Water Use Report, Trimester Weeks, and others.

Please visit the Support Section at https://student.unsw.edu.au/moodle-support for more information and tutorials about Moodle.

7.2 Online lecture notes

Copies of lecture powerpoints will be made available to students on Moodle in a variety of formats depending on Lecturer preference.

Generally, lecture powerpoints provide only a brief overview of the material actually presented in Lectures. All lecture material (both slide content and verbal content) is assessable on the Final Exam and if you rely solely on the online powerpoints and do not take advantage of the online lecture recordings (see below), then you will not do well in the course. For this reason we strongly encourage you to take additional notes from the lectures

7.3 Online lecture recordings

All lectures for this course will be recorded and will be made available using various recording platforms such as Blackboard Collaborate, Echo 360 or others depending on lecturer preference. Regardless, all lecture recordings can be found in the Lecture, Lab and Tutorial Recordings section on the Course Moodle page. Some lecturers may choose to pre-record some of their lectures, while others will be given live during the scheduled lecture time (and recorded). You will be advised on how the lectures will run prior to each Week.

There are various sources of information on how to use Blackboard Collaborate Ultra:

UNSW Student Guide to Blackboard: https://student.unsw.edu.au/blackboard-collaborate-ultra

Blackboard Website: https://help.blackboard.com/Collaborate/Ultra/Participant/Get_Started

We will also be providing our own information/help on the Course Moodle page.

7.4 Online laboratory material

There is no Lab Manual for this course. Instead, all the lab material and resources will be provided on Moodle. These materials will typically be found in the Moodle section corresponding to the week when the lab runs. *i.e*. All the Week 2 Lab material will be found in the Week 2 Moodle section.

Some labs will have some pre-lab exercises to be completed. It is the students' responsibility to complete this material before the start of each Lab class (when required to do so). All lab assessments will be submitted online via Moodle or done as an online Moodle quiz.

7.5 Online tutorial material

All tutorial classes will be held in an online format using Blackboard Collaborate. Students will have signed up to a unique tutorial class time and it is a requirement that they attend the online sessions for that class only. Please note that there is a separate section on the Course Moodle page dedicated to information relating to the Water Use Assignment, which is the focus of the tutorials.

7.6 Discussion boards

In the '*Course Information*' section on the Course Moodle page you will find a link to a Class Discussion Board. If you have any questions about course material outside of online interactive sessions on Blackboard, you should first post the question on the Class Discussion Board rather than email the lecturers. Peer engagement with your classmates is a very effective learning method. Of course, we will also be checking the Discussions.

7.7 Readings

There is NO prescribed textbook for this course. However, we have created a Readling List that can be found on the Course Information section on the Course Moodle page. if you would like to purchase a text for your own use, we recommend finding a used or second-hand copy of *Christopherson, R.W. (2018). Elemental Geosystems* – any recent edition will do.

Any old Physical Geography and/or Environmental Science textbook will also likely include much of the material covered in the course. Some of these are available from the UNSW Library.

A useful online text that you can access via the UNSW Library is:

Holden, J. (2021). Physical geography: the basics. 2nd Edition. Routledge, New York.

Lecturers will also recommend readings where necessary throughout the Course that are relevant to the lecture and/or laboratory material and may post links to these on Moodle.

8. Additional Student Support and Other Stuff

8.1 ELISE tutorial

Information literacy is a UNSW graduate attribute. For commencing students, a basic level of information literacy is necessary to enable each student to undertake their academic program effectively. It has been found that many students, regardless of their UAI or other entry criteria, do not clearly understand the use of information in the university environment.

ELISE is a mandatory online tutorial on how information is organised and used in the university context. It is a UNSW requirement that all new undergraduate and postgraduate coursework students complete the tutorial and attain at least 80% in the ELISE quiz following the tutorial.

Students will not be able to enroll for next semester until they complete the ELISE quiz.

For more information about ELISE go to: http://subjectguides.library.unsw.edu.au/elise

8.2 Equitable learning services and student well being

Those students who have a disability that requires some adjustment in their teaching or learning environment are encouraged to discuss their study needs with the **UNSW Equitable Learning Services** https://student.unsw.edu.au/els prior to, or at the commencement of, the course. Issues to be discussed may include access to materials, signers or note-takers, the provision of services and additional exam and assessment arrangements. Early notification is essential to enable any necessary adjustments to be made.

UNSW takes student wellbeing, health and safety very seriously and if you find you need support to help with your personal life, getting your academic success on track or just want to know how to stay safe, then a number of options are available at:

https://student.unsw.edu.au/wellbeing

8.3 Other services

- The Current Students Gateway: https://student.unsw.edu.au/
- Academic Skills and Support: https://student.unsw.edu.au/academic-skills
- UNSW IT Service Centre: https://www.it.unsw.edu.au/students/index.html