UNSW Course Outline

MATH1041 Statistics for Life and Social Sciences - 2024

Published on the 04 Feb 2024

General Course Information

Course Code : MATH1041
Year : 2024
Term : Term 1
Teaching Period : T1
Is a multi-term course? : No
Faculty : Faculty of Science
Academic Unit : School of Mathematics & Statistics
Delivery Mode : Multimodal
Delivery Format : Standard
Delivery Location : Kensington
Campus : Sydney
Study Level : Undergraduate
Units of Credit : 6

Useful Links

Handbook Class Timetable

Course Details & Outcomes

Course Description

This course is for undergraduate students of life and social sciences. It is not intended for students who propose to study a substantial amount of statistics beyond first-year level. Students are assumed to have received a mark of at least 60 in HSC Mathematics Advanced or

at least 70 in HSC Mathematics Standard or equivalent.

The course first introduces the concepts on which statistics is built, namely: Descriptive statistics: exploring the data using numerical and graphical summaries; Study designs and sampling; Probability and independence; Discrete distributions: the binomial distribution. Continuous distributions: the normal, t and chi-square distributions. Random variables: calculating the mean and variance. Building on those, the second part of the course presents techniques for making inference about the population from a sample, that is, using confidence intervals and tests of hypotheses: z-test, t-test and Chi-squared test for statistical independence. Linear regression: correlation, residuals, estimation and prediction.

Technology is used throughout the course: Students will use the R software to analyse datasets.

Course Aims

The aim of this course is to provide a foundation in statistics to students who will not extend their statistics study beyond this course. The aim of this of this course is to equip students with the tools needed to design a study, to collect, analyse and interpret data, which is fundamental to any form of quantitative research.

Relationship to Other Courses

This course is primarily aimed at students intending to pursue a major in a field involving quantitative research (hence knowledge of introductory statistics is essential) but for which higher-level mathematics or statistics is not essential. Maths courses MATH1231, MATH1241, or MATH1251 are pre-requisites for many later year mathematics courses, so if you have an interest in pursuing further study in mathematics or statistics, you should consider whether MATH1041 is the right course for you.

It is possible to study higher-level statistics courses after completing MATH1031 and MATH1041, provided that you received at least a credit grade in MATH1031. However, if you wish to complete a Major in Statistics, you will be better prepared if you study MATH1131 and MATH1231 (or MATH1141 and MATH1241 Higher Mathematics), as most of our Statistics major students do.

Course Learning Outcomes

Course Learning Outcomes
CLO1 : Identify which analysis procedure is appropriate for a given research problem involving one or two variables.
CLO2 : Apply the principles of study design to real life examples.
CLO3 : Apply probability theory to practical problems.
CLO4 : Interpret computer output for a statistical procedure.
CLO5 : Calculate confidence intervals and conduct hypothesis tests by hand for small datasets.
CLO6 : Apply statistical techniques appropriately to authentic problems.
CLO7 : Apply statistical procedures using statistical software.

Course Learning Outcomes	Assessment Item
CLO1 : Identify which analysis procedure is appropriate for a given research problem involving one or two variables.	• Weekly Lessons • Lab Tests • Assignment • Final Examination
CLO2 : Apply the principles of study design to real life examples.	• Weekly Lessons • Lab Tests • Assignment • Final Examination
CLO3 : Apply probability theory to practical problems.	• Weekly Lessons • Lab Tests • Assignment • Final Examination
CLO4 : Interpret computer output for a statistical procedure.	• Weekly Lessons • Lab Tests • Assignment • Final Examination
CLO5 : Calculate confidence intervals and conduct hypothesis tests by hand for small datasets.	• Weekly Lessons • Lab Tests • Assignment • Final Examination
CLO6 : Apply statistical techniques appropriately to authentic problems.	• Assignment
CLO7 : Apply statistical procedures using statistical software.	• Weekly Lessons • Lab Tests • Final Examination • Assignment

Learning and Teaching Technologies

Moodle - Learning Management System | Blackboard Collaborate | Echo 360

Learning and Teaching in this course

Classroom Tutorials

- Students in MATH1041 are enrolled in one weekly classroom tutorial, with in-person or online mode. Students' contributions are expected during the tutorial. Therefore, students attending an online tutorial should have internet access and a working microphone and webcam. A link to the virtual classroom on Blackboard Collaborate will be provided on Moodle.
- The exercises for each week's classroom tutorial are available in the MATH1041 Classroom Tutorial Problem Book, which can be downloaded from Moodle. The main reason for having classroom tutorials is to give you a chance to tackle and discuss problems which you find difficult or do not fully understand. Therefore, it is important that you try at least a selection of tutorial problems before attending your classroom tutorial, so that you know the questions you would like to ask of your tutor.
- Short solutions to selected classroom tutorial exercises are available in the MATH1041 Classroom Tutorial Problem Booklet. Where there is no solution in this book, you will be given an opportunity to work through the exercise in class and get feedback from your tutor.
- Classroom tutorials run in weeks 1 to 5 and 7 to 10. The time of your classroom tutorial can be found on myUNSW. Students can change the timing of their classroom tutorial via myUNSW until the end of week 1. After that time, you can only change your classroom tutorial by contacting the Mathematics and Statistics student services (ug.MathsStats@unsw.edu.au) with evidence of a timetable clash or work commitments.
- As part of University Policy, attendance each week is compulsory for all classroom tutorials and attendance will be noted (automatically recorded for online students in online classroom tutorials). Please attend the classroom tutorial in which you are enrolled.
- If your classroom tutorial falls on a public holiday, it will be cancelled for that week. You can optionally attend another classroom tutorial class for that week only. You can find the times and locations of classroom tutorials at the "Class Timetable" link directly at the bottom of the General Course Information section of this document.
- There is an optional tutorial in the classroom tutorial booklet for Week 11, covering the material of the last chapter. You will need to do this in your own time, since there is no classroom tutorial in Week 11. Detailed solutions for that tutorial are provided at the back of the book.

What should you do if you miss your scheduled classroom tutorial one week?

- If you are unable to attend your scheduled Classroom Tutorial due to illness or another reason, please join as an online student in an online Classroom Tutorial at another time that week. Your attendance will be automatically noted when you sign in to the live online session

through Blackboard Collaborate. You do not need to email the lecturer to have your attendance updated, as we already collect this information. If you do not attend a live session (i.e., at the time the Classroom Tutorial is being delivered online) then your attendance will not be recorded.

Möbius Weekly Lessons

- The Möbius Weekly Lessons (asynchronous) are separate and in addition to your Classroom Tutorials (synchronous). The Möbius Weekly Lessons will be accessed through Möbius using a link provided on Moodle. If you forget to submit your Möbius Weekly Lesson, do not worry, your answers will automatically be submitted for you when the deadline passes.
- Your "User login" is your zID (z followed by your UNSW student number) and the "Password" is your zPass. In Weeks 1 to 3 there is a computer lab booked, as shown in your myUNSW timetable, with a tutor in attendance to help answer questions, see below.
- There will also be an optional, non-marked Möbius Weekly Lesson in Week 11, to help you master the material of the last chapter.
- The Möbius Weekly Lessons are an integral part of this course and are to be completed in your own time.
- Throughout these lessons, you will be learning to use RStudio, which is a graphical interface to the freely available statistical language and data analysis software R. Both R and RStudio can be downloaded and installed at home from: https://posit.co/download/rstudio-desktop/ We encourage you to install these free programs (note that you need both R and RStudio) on your own computer. Note, you need to install R *before* installing Rstudio. There is also a cloud version of these software programs available at https://posit.cloud/, but its access is limited (for the free version) to 25 hours per month. This can be problematic when you work on the assignment.
- The Anita B. Lawrence Centre (formerly known as The Red Centre) Computer Labs may be used for student use, but will be used for tests in Maths & Stats subjects, so may have limited availability.

Note:

- Your answers submitted for the Möbius Weekly Lessons each week must be your own work, but you are encouraged to discuss the methods required with other students, directly or on the Moodle forum.
- Each version of the Möbius Weekly Lesson will be slightly different.
- Only a limited number of users can have simultaneous access to Möbius, so do NOT leave your work on these Möbius Weekly Lessons to the last day when the server may be busy.
- These Möbius Weekly Lessons were designed to help you keep up with the material, so no deadline extensions will be granted. You should attempt these tests with sufficient remaining time before the deadline to allow for unplanned service interruptions.

For information about deadlines and how the Möbius weekly lessons contribute to your final mark, see Course Schedule and Assessments section respectively in this document

Labs: A bit of help to get started with the Möbius Weekly Lessons

- There are (optional) computer labs scheduled in weeks 1 to 3 in the Anita B. Lawrence Centre (formerly known as The Red Centre) Computer Labs, as shown in your myUNSW timetable. These labs will run as a "Question & Answer" session to assist you with using the statistical software package RStudio and completing the first three Möbius Weekly Lessons. Note, Mobius Weekly Lesson 3 will be due at 3 PM Tuesday, Week 4.
- There are pre-recorded videos embedded in the Möbius Weekly Lessons for weeks 1 to 3. Please bring headphones with a USB connection or your own laptop and headphones to listen to the embedded videos. The Week 1 Lab videos introduce RStudio and explain how to answer some of the questions from the first Möbius Weekly Lesson. The Week 2 Lab videos explain the Week 2 Möbius Weekly Lesson, and the Week 3 Lab videos explain the Week 3 Möbius Weekly Lesson.
- As you watch the videos, note down any questions you have and bring them to your lab.
- You are expected to attempt the Möbius Weekly Lesson each week before attending your lab. Note that in week 1 to 3 videos embedded in the lessons on Möbius will give you step-by-step guidance.
- You can attend any or multiple lab sessions each week, e.g., not only your scheduled lab.

Moodle

- The School of Mathematics and Statistics uses a Learning Management System called Moodle. Login to Moodle to find announcements, general information, lecture slides, classroom tutorials, homework problems, and links to the Möbius Weekly Lessons and assessments.
- To log into Moodle, use your zID and zPass at the following URL: http://moodle.telt.unsw.edu.au
- If you are unable to log into Moodle or cannot access MATH1041 once logged in, you should contact the IT Service Centre. Contact information is provided on the Moodle login page.
- You should check UNSW Moodle regularly, and especially around the time that assessments are due.
- Make sure you are signed up to receive course announcements sent to your student email. You can also change settings for how you are notified of other posts in Moodle forums.
- Marks obtained during the term can be seen in the Möbius or Moodle grade books as appropriate. These will be transferred to the Moodle grade book at the end of the term. You should check that the marks recorded are correct and report any discrepancy to the Course Convenor/Authority.

ECHO360 and Blackboard Collaborate

- The hybrid lectures will use ECHO 360. Classroom tutorials, labs, staff consultations and

Drop-in Centre consultations are accessed using Blackboard Collaborate. The links are provided on Moodle.
- The lectures and maybe some parts of classroom tutorials are recorded, and you can view these recordings from within ECHO 360 and Blackboard Collaborate respectively. By default, the Blackboard Collaborate recordings list only shows recordings for the past 30 days. Old recordings are still available, but you have to choose to see them. To find the recordings, enter Blackboard Collaborate. In the top left of the window, you will see three horizontal lines. Click on this for a menu and then select "Recordings". Once you are on the recordings page, you can choose another date range by clicking on the drop-down menu to the right of the words "Filter by" near the top right corner of the Blackboard Collaborate recordings list.

Möbius

- Möbius Weekly Lessons and other assessments in this course use a system called Möbius. Information on how to access and use Möbius is provided on Moodle.
- Firefox or Chrome are the recommended browsers for Möbius. Edge, Safari and Internet Explorer have caused problems in the past. No special consideration will be considered for students using a non-recommended browser, except by prior arrangement.

Assessments

Assessment Structure

Assessment Item	Weight	Relevant Dates
Weekly Lessons Assessment Format: Individual	10%	Start Date: At least two weeks prior to due date Due Date: Weekly on Tuesday at 3:00 PM
Lab Tests Assessment Format: Individual	20%	Start Date: Lab Test 1 in Week 4 and Lab Test 2 in Week 10 Due Date: See your LAB class on myUNSW timetable for your lab test time and location
Assignment Assessment Format: Individual	20%	Start Date: Assignment released during Week 7 Due Date: Week 9 Tuesday 09/04/23 11:59 PM.
Final Examination Assessment Format: Individual	50%	Start Date: Not Applicable Due Date: See Moodle for details of your exam date and time.

Assessment Details

Weekly Lessons

Assessment Overview

The Weekly Lessons cover all aspects of the course, including the use of R/RStudio. You will

complete online self-paced lessons with weekly due dates. These lessons will provide you with instant feedback and unlimited repeat attempts.

Course Learning Outcomes

- CLO1 : Identify which analysis procedure is appropriate for a given research problem involving one or two variables.
- CLO2 : Apply the principles of study design to real life examples.
- CLO3 : Apply probability theory to practical problems.
- CLO4 : Interpret computer output for a statistical procedure.
- CLO5 : Calculate confidence intervals and conduct hypothesis tests by hand for small datasets.
- CLO7 : Apply statistical procedures using statistical software.

Submission notes

See Schedule for specific due date and time

Assessment information

The Möbius weekly lessons allow answers to be checked while working on them, they allow unlimited attempts, they are available for an extended period and students can work together, seek help, and use any resources they wish. Most students gain a perfect score in these. Immediate feedback after due date/time.

Assignment submission Turnitin type

Not Applicable

Lab Tests

Assessment Overview

You will complete two Lab Tests during the term. These tests are focused on basic skills, including the use of R/RStudio. Before each test you will be provided with the actual test question bank. This test bank provides unlimited practice attempts with instant feedback. You will be able to practice until you can solve all the problems quickly and accurately. The tests have a 40-minute duration and will be supervised in a computer lab on campus. Lab Tests 1 and 2 will each contribute 10% of the overall course grade.

Course Learning Outcomes

- CLO1 : Identify which analysis procedure is appropriate for a given research problem involving one or two variables.
- CLO2 : Apply the principles of study design to real life examples.
- CLO3 : Apply probability theory to practical problems.
- CLO4 : Interpret computer output for a statistical procedure.
- CLO5 : Calculate confidence intervals and conduct hypothesis tests by hand for small

datasets.
- CLO7 : Apply statistical procedures using statistical software.

Assessment Length

40 min each

Submission notes

Möbius platform

Assessment information

The two Lab tests are designed to give students feedback on progress and mastery of the course, under exam conditions, and to evaluate progress towards the stated learning outcomes. Marks less than 80% (out of the total 20%) on Lab tests should be seen as a warning sign of possible failure in the course. Feedback is given Friday 5 PM of Week 4 for Lab 1 and Friday 5 PM of Week 10 for Lab 2. Students will only get one attempt at the lab tests during the scheduled period.

Assignment submission Turnitin type

Not Applicable

Assignment

Assessment Overview

The assignment presents a rich scenario based on a real situation. You will be asked to analyse it using Statistical tools and software and to provide short-essay answers. This prepares you for the Statistical analysis tasks you will encounter later in your career and also for the final examination. You will produce typed solutions using Microsoft Word, LaTeX or another similar system. The assignment will be released in Week 7 and will be due in Week 9. You will be provided with feedback on the clarity of your communication of Statistical ideas and the correctness of your solutions approximately two weeks after submission.

Course Learning Outcomes

- CLO1 : Identify which analysis procedure is appropriate for a given research problem involving one or two variables.
- CLO2 : Apply the principles of study design to real life examples.
- CLO3 : Apply probability theory to practical problems.
- CLO4 : Interpret computer output for a statistical procedure.
- CLO5 : Calculate confidence intervals and conduct hypothesis tests by hand for small datasets.
- CLO6 : Apply statistical techniques appropriately to authentic problems.
- CLO7 : Apply statistical procedures using statistical software.

Assessment Length

2 weeks

Submission notes

Typed solutions using Microsoft Word, LaTeX or another similar system. Further details will be on Moodle

Assessment information

The (computing) Assignment is available over a two-week period, and students can work on this at home with the benefit of all the course resources. You will get feedback 2 weeks after due date. Late submissions attract a 5% penalty per day (5% of the maximal mark) up to 5 working days late and later submissions are not accepted.

Assignment submission Turnitin type

This assignment is submitted through Turnitin and students can see Turnitin similarity reports.

Final Examination

Assessment Overview

The final exam is designed to assess your knowledge of all aspects of the course, including material from lectures, classroom tutorials and weekly online lessons, including the use of R/ RStudio. The exam will consist of a range of question types, including multiple choice, numeric, mathematical formula, and short answer. The examination will be supervised during the official university examination period.

Course Learning Outcomes

- CLO1 : Identify which analysis procedure is appropriate for a given research problem involving one or two variables.
- CLO2 : Apply the principles of study design to real life examples.
- CLO3 : Apply probability theory to practical problems.
- CLO4 : Interpret computer output for a statistical procedure.
- CLO5 : Calculate confidence intervals and conduct hypothesis tests by hand for small datasets.
- CLO7 : Apply statistical procedures using statistical software.

Assessment Length

2 hours

Submission notes

Möbius platform

Assessment information

The final exam focuses on questions that require understanding rather than routine calculation.

Assignment submission Turnitin type

Not Applicable

General Assessment Information

The marks for the Weekly Lessons (10%) and Lab Tests (20%) will be available on Möbius during the term. The mark for the Assignment (20%) will be recorded into Moodle. At the end of term the Course Convenor will import all the marks from Möbius into Moodle for student verification and to create a Pre Exam mark worth 50%, i.e., Weekly Lessons (10%) + Lab Tests (20%) + Assignment (20%).

Grading Basis

Standard

Requirements to pass course

To pass this course your will need a composite mark of at least 50 out of 100. This composite mark is calculated using the weightings of the 4 assessment items: Weekly Lessons (10%), Lab Tests (20%), Assignment (20%) and Final Exam (50%).

Course Schedule

Teaching Week/Module	Activity Type	Content
Week 1 : 12 February - 18 February	Lecture	Tuesday and Friday Study Design: • Introduction to Data Collection and Organisation • Sources of Data, Variable Types • Observational Studies vs Experiments • Experimental Designs
	Tut-Lab	Lab to help with Möbius Weekly Lesson 1. Day and location in your timetable on myUNSW.
Week 2 : 19 February - 25 February	Lecture	Tuesday and Friday Descriptive Statistics: • Numerical and Graphical Summaries for One Variable • Relationships Between Two Variables • Least-Squares Regression • Residuals and the r-Squared Value
	Assessment	Möbius Weekly Lesson 1 due Tuesday at 3:00 PM.
	Tut-Lab	Lab to help with Möbius Weekly Lesson 2. Day and location in your timetable on myUNSW.
Week 3 : 26 February - 3 March	Lecture	Tuesday and Friday Probability, Discrete Random Variables and the Binomial Distribution • Probability • Random Variables • Means & Variances for Discrete Random Variables • The Binomial Distribution
	Assessment	Möbius Weekly Lesson 2 due Tuesday at 3:00 PM.
	Tut-Lab	Lab to help with Möbius Weekly Lesson 3. Day and location in your timetable on myUNSW. This is the last Lab.
Week 4 : 4 March - 10 March	Lecture	Tuesday and Friday Continuous Random Variables and the Normal Distribution: • Continuous Random Variables and Density Curves • Normal Distributions • Calculating Probabilities and Quantiles from a Normal Distribution • Simulation Examples
	Assessment	Möbius Weekly Lesson 3 due Tuesday at 3:00 PM.
	Assessment	Lab Test 1. Day and location in your timetable on myUNSW. This will be the same day and location you had for Labs during Week 1 - 3.
Week 5 : 11 March - 17 March	Lecture	Tuesday and Friday Statistical Inference: Estimation • Point Estimation and Simple Random Sampling • Sample Mean, Bias and Variability • Confidence Intervals • The t-Distribution
	Assessment	Möbius Weekly Lesson 4 due Tuesday at 3:00 PM.
Week 7 : 25 March - 31 March	Lecture	Lecture only on Tuesday (Friday 29 March is Good Friday). To replace the Friday lecture, online materials will be provided. Statistical Inference: Hypothesis Testing & The Central Limit Theorem • Hypothesis Testing: Assume the Opposite • Hypothesis Tests and P-values: Subtleties • The Central Limit Theorem • Checking Assumptions & Inference
	Assessment	Möbius Weekly Lesson 5 due Tuesday at 3:00 PM.
	Assessment	Assignment will be sent to your UNSW email address by Friday 11:59 PM.
Week 8 : 1 April - 7 April	Lecture	Tuesday and Friday Inference for a population proportion: • Sample Proportions • Sampling Distribution of Counts and Proportions • Confidence Intervals for a Proportion • Hypothesis Tests for a Proportion
	Assessment	Möbius Weekly Lesson 7 due Tuesday at 3:00 PM.
Week 9 : 8 April - 14 April	Lecture	Tuesday and Friday Statistical Inference for Two Parameters:

		• Two-Sample t-Test • Paired t-Test • Data Analysis for Two-way Tables • The Chi-Square Test
	Assessment	Möbius Weekly Lesson 8 due Tuesday at 3:00 PM.
	Assessment	Assignment due Tuesday of Week 9 by 11:59 PM via Turnitin on Moodle page.
Week 10 : 15 April - 21 April	Lecture	Tuesday and Friday Inference for Linear Regression • Simple Regression Modelling • Inference for the Slope and Prediction • Checking Model Assumptions for Regression Models • A Bit More on Regression
	Assessment	Möbius Weekly Lesson 9 due Tuesday at 3:00 PM. Möbius Weekly Lesson 10 due Week 11 Tuesday at 3:00 PM. (Optional) Möbius Weekly Lesson 11 due Week 11 Tuesday at 3:00 PM.
	Assessment	Lab Test 2. Day and location in your timetable on myUNSW. This will be the same day and location you had for Labs during Week 1 - 3 and Lab Test 1.

Attendance Requirements

Students are strongly encouraged to attend all classes and review lecture recordings.

General Schedule Information

MATH1041 has the following components each week (unless noted otherwise):

- Four hours of lectures: **Tuesday 4:05-5:55 PM and Friday 9:05 AM - 10:55 PM**, both times in **K-B16-LG03 - Colombo Theatre A**.
- One hour of classroom tutorial: This is a synchronous activity which a student should attend at the time and location indicated in their timetable on myUNSW.
- One Möbius Weekly Lesson: This is an asynchronous activity that students complete in their own time each week online on a platform called Möbius.
- Labs (not to be confused with Lab Tests) will run in weeks 1 to 3 only, and a student should attend at the time and location indicated in their timetable. These lab sessions will assist you with using the statistical software package RStudio and completing the Möbius Weekly Lessons (MWLs) for weeks 1 to 3 and indeed subsequent MWLs.

Course Resources

Recommended Resources

It is recommended but **NOT** compulsory that you purchase the following textbook:

Introduction to the Practice of Statistics, by David S. Moore, George P. McCabe, and Bruce A. Craig, 10th Edition, (2021), W.H. Freeman and Co., New York.

Not only will this textbook be useful for this course, but it will be a handy book to have available on your shelf in later years!

MATH1041 is closely based on the above Moore et al. text, and students may want to refer to it. It can be purchased from the UNSW bookshop or used in the library in Special Reserve. Most tutorial exercises come from this text.

Course Evaluation and Development

The School of Mathematics and Statistics evaluates each course each time it is offered. We carefully consider your responses and their applications for course development.

Staff Details

Position	Name	Email	Location	Phone	Availability	Equitable Learning Services Contact	Primary Contact
Administrator	Hilda Cahya		H13 Anita Lawrence Building East 3072		Via email	Yes	No
Year coordinator	Jonathan Kress		H13 Anita Lawrence Building East 3073		Via email	No	No
Convenor	Pierre Lafaye de Micheaux		H13 Anita Lawrence Building East 2050		Via email	No	Yes
Lecturer	Pierre Lafaye de Micheaux		H13 Anita Lawrence Building East 2050		Staff consultation schedule available on Moodle from Week 2	No	No

Other Useful Information

Academic Information

Upon your enrolment at UNSW, you share responsibility with us for maintaining a safe, harmonious and tolerant University environment.

You are required to:

- Comply with the University's conditions of enrolment.
- Act responsibly, ethically, safely and with integrity.
- Observe standards of equity and respect in dealing with every member of the UNSW community.
- Engage in lawful behaviour.
- Use and care for University resources in a responsible and appropriate manner.
- Maintain the University's reputation and good standing.

For more information, visit the UNSW Student Code of Conduct Website.

Academic Honesty and Plagarism

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 someone else's words, ideas or research. Not referencing other people's work can constitute plagiarism.
Further information about referencing styles can be located at https://student.unsw.edu.au/referencing

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. 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.
Further information about academic integrity, plagiarism and the use of AI in assessments can be located at:

- The Current Students site,
- The ELISE training site, and
- The Use of AI for assessments site.

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

Submission of Assessment Tasks

Penalty for Late Submissions
UNSW has a standard late submission penalty of:

- 5% per day,
- for all assessments where a penalty applies,
- capped at five days (120 hours) from the assessment deadline, after which a student cannot submit an assessment, and
- no permitted variation.

Any variations to the above will be explicitly stated in the Course Outline for a given course or assessment task.

Students are expected to manage their time to meet deadlines and to request extensions as early as possible before the deadline.

Special Consideration

If circumstances prevent you from attending/completing an assessment task, you must officially apply for special consideration, usually within 3 days of the sitting date/due date. You can apply by logging onto myUNSW and following the link in the My Student Profile Tab. Medical documentation or other documentation explaining your absence must be submitted with your application. Once your application has been assessed, you will be contacted via your student email address to be advised of the official outcome and any actions that need to be taken from there. For more information about special consideration, please visit: https://student.unsw.edu.au/special-consideration

Important note: UNSW has a "fit to sit/submit" rule, which means that if you sit an exam or submit a piece of assessment, you are declaring yourself fit to do so and cannot later apply for Special Consideration. This is to ensure that if you feel unwell or are faced with significant circumstances beyond your control that affect your ability to study, you do not sit an examination or submit an assessment that does not reflect your best performance. Instead, you should apply for Special Consideration as soon as you realise you are not well enough or are otherwise unable to sit or submit an assessment.

Faculty-specific Information

Additional support for students

- The Current Students Gateway
- Student Support
- Academic Skills and Support
- Student Wellbeing, Health and Safety
- Equitable Learning Services
- UNSW IT Service Centre
- Science EDI Student Initiatives, Offerings and Guidelines

School-specific Information

School of Mathematics and Statistics and UNSW Policies

The School of Mathematics and Statistics has adopted a number of policies relating to enrolment, attendance, assessment, plagiarism, cheating, special consideration etc. These are in addition to the Policies of The University of New South Wales. Individual courses may also adopt other policies in addition to or replacing some of the School ones. These will be clearly notified in the Course Initial Handout and on the Course Home Pages on the Maths Stats web site. Students

in courses run by the School of Mathematics and Statistics should be aware of the School and Course policies by reading the appropriate pages on the web site starting at: The School of Mathematics and Statistics assessment policies

The School of Mathematics and Statistics will assume that all its students have read and understood the School policies on the above pages and any individual course policies on the Course Initial Handout and Course Home Page. Lack of knowledge about a policy will not be an excuse for failing to follow the procedure in it.

Special Consideration - Short Extension Policy

The School of Mathematics and Statistics has carefully reviewed its range of assignments and projects to determine their suitability for automatic short extensions as set out by the UNSW Short Extension Policy. Upon comprehensive examination of our course offerings that incorporate these types of assessments, we have concluded that our current deadline structures already accommodate the possibility of unexpected circumstances that may lead students to require additional days for submission. Consequently, the School of Mathematics and Statistics has decided to universally opt out of the Short Extension provision for all its courses, having pre-emptively integrated flexibility into our assessment deadlines. The decision is subject to revision in response to the introduction of new course offerings. Students may still apply for Special Consideration via the usual procedures.

Computing Lab

The main computing laboratory is room G012 of the Anita B.Lawrence Centre (formerly Red Centre). You can get to this lab by entering the building through the main entrance to the School of Mathematics (on the Mezzanine Level) and then going down the stairs to the Ground Level. A second smaller lab is Room M020, located on the mezzanine level through the glass door (and along the corridor) opposite the School's entrance.

For more information, including opening hours, see the computing facilities webpage. Remember that there will always be unscheduled periods when the computers are not working because of equipment problems and that this is not a valid excuse for not completing assessments on time.

School Contact Information

School Contact Information

Please visit the School of Mathematics and Statistics website for a range of information.

For information on Courses, please go to “Student life & resources” and either Undergraduate and/or Postgraduate and respective "Undergraduate courses" and "Postgraduate courses" for information on all course offerings.

All school policies, forms and help for students can be located by going to the "Student Services" within “Student life & resources” page. We also post notices in "Student noticeboard" for your information. Please familiarise yourself with the information found in these locations. If you cannot find the answer to your queries on the web you are welcome to contact the Student Services Office directly.

Undergraduate

E: ug.mathsstats@unsw.edu.au

P: 9385 7011 or 9385 7053

Postgraduate

E: pg.mathsstats@unsw.edu.au

P: 9385 7053

Should we need to contact you, we will use your official UNSW email address of in the first instance. **It is your responsibility to regularly check your university email account. Please use your UNSW student email and state your student number in all emails to us.**