



## UNSW Course Outline

# ECON1202 Quantitative Analysis for Business and Economics - 2024

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## General Course Information

Course Code : ECON1202

Year : 2024

Term : Term 3

Teaching Period : T3

Is a multi-term course? : No

Faculty : UNSW Business School

Academic Unit : School of Economics

Delivery Mode : In Person

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

Mathematics is an important analytical tool in economics and business. This course will equip you with a working knowledge of the most common techniques, providing the basis for further studies. Topics include the mathematics of finance, matrix algebra, linear programming, as well

as calculus and (unconstrained and constrained) optimisation. Special emphasis is put on the application of concepts and techniques to typical problems in business and economics.

## Course Aims

This course is offered as part of the first-year core in the Bachelor of Economics degree program. For students in the Bachelor of Commerce program, it is not part of the first-year core, but it is a prerequisite for most second-year economics courses, so it is strongly recommended for those contemplating an economics major within the Bachelor of Commerce.

The course aims to give students insight into how mathematical concepts, theories and techniques are applied to the fields of business, economics and the social sciences in order to generate solutions to problems encountered in these fields. The course builds on mathematical knowledge which you should have gained in high school.

After completing ECON1202, your use of mathematics and statistics in your studies will vary depending on the major(s) you choose. If you choose a major such as Economics, Business Economics, Financial Economics or Econometrics, you will study further courses in econometrics. These majors are designed to equip students with statistical and other quantitative skills that are widely used and increasingly demanded by employers in commercial fields and the public sector. If you choose other majors where quantitative skills are needed, such as in accounting, finance or marketing, a good understanding of concepts taught in this course will be a major asset.

The aims of this course are for you to:

- Develop your ability to perform calculations;
- Develop your ability to solve real-life business problems using formal mathematical tools and algorithms;
- Extend your skills in analysis, oral communication and written communication.

## Relationship to Other Courses

The Business School has an assumed knowledge requirement that students entering the BCom and BEc are expected to be familiar with HSC Mathematics. Therefore, in this course we will base lectures on a prior knowledge of HSC Mathematics and this assumed knowledge will not be covered or revised as part of the lectures or tutorials.

If you have not studied HSC Mathematics in New South Wales, knowledge of the following topics is essential: basic functions and graphs, including logarithms and exponentials, and solutions of linear and quadratic equations. If you have not studied any or all of these topics previously at

high school, remedial work will likely be necessary.

# Course Learning Outcomes

| Course Learning Outcomes  | Program learning outcomes   |
|---|---|
| CLO1 : Apply basic principles of financial mathematics to real-life problems.   | <ul style="list-style-type: none"> <li>• PL01 : Business Knowledge</li> <li>• PL02 : Problem Solving</li> <li>• PL03 : Business Communication</li> </ul>  |
| CLO2 : Apply probability tools to solve risk and uncertainty scenarios.   | <ul style="list-style-type: none"> <li>• PL01 : Business Knowledge</li> <li>• PL02 : Problem Solving</li> </ul>   |
| CLO3 : Use matrix algebra to represent and solve systems of equations.  | <ul style="list-style-type: none"> <li>• PL01 : Business Knowledge</li> <li>• PL02 : Problem Solving</li> </ul>   |
| CLO4 : Apply both single-variable and multivariable calculus to business and economics problems.  | <ul style="list-style-type: none"> <li>• PL01 : Business Knowledge</li> <li>• PL02 : Problem Solving</li> </ul>   |
| CLO5 : Solve optimisation problems.   | <ul style="list-style-type: none"> <li>• PL02 : Problem Solving</li> <li>• PL05 : Responsible Business Practice</li> <li>• PL06 : Global and Cultural Competence</li> </ul>   |
| CLO6 : Formulate and solve real problems amenable to mathematical analysis that arise in economics and business using the methods appropriate to the problem. | <ul style="list-style-type: none"> <li>• PL01 : Business Knowledge</li> <li>• PL02 : Problem Solving</li> <li>• PL03 : Business Communication</li> <li>• PL05 : Responsible Business Practice</li> <li>• PL06 : Global and Cultural Competence</li> </ul> |
| CLO7 : Construct written work which is logically and professionally presented.  | <ul style="list-style-type: none"> <li>• PL03 : Business Communication</li> </ul>   |

| Course Learning Outcomes  | Assessment Item  |
|---|--|
| CLO1 : Apply basic principles of financial mathematics to real-life problems.   | <ul style="list-style-type: none"> <li>• Online Quizzes</li> <li>• In-session Tests</li> <li>• Communication skills - Excel assignment and tutorial participation</li> <li>• Final Exam</li> </ul> |
| CLO2 : Apply probability tools to solve risk and uncertainty scenarios.   | <ul style="list-style-type: none"> <li>• Online Quizzes</li> <li>• In-session Tests</li> <li>• Communication skills - Excel assignment and tutorial participation</li> <li>• Final Exam</li> </ul> |
| CLO3 : Use matrix algebra to represent and solve systems of equations.  | <ul style="list-style-type: none"> <li>• Online Quizzes</li> <li>• In-session Tests</li> <li>• Communication skills - Excel assignment and tutorial participation</li> <li>• Final Exam</li> </ul> |
| CLO4 : Apply both single-variable and multivariable calculus to business and economics problems.  | <ul style="list-style-type: none"> <li>• Online Quizzes</li> <li>• In-session Tests</li> <li>• Communication skills - Excel assignment and tutorial participation</li> <li>• Final Exam</li> </ul> |
| CLO5 : Solve optimisation problems.   | <ul style="list-style-type: none"> <li>• Online Quizzes</li> <li>• In-session Tests</li> <li>• Communication skills - Excel assignment and tutorial participation</li> <li>• Final Exam</li> </ul> |
| CLO6 : Formulate and solve real problems amenable to mathematical analysis that arise in economics and business using the methods appropriate to the problem. | <ul style="list-style-type: none"> <li>• Online Quizzes</li> <li>• In-session Tests</li> <li>• Communication skills - Excel assignment and tutorial participation</li> <li>• Final Exam</li> </ul> |
| CLO7 : Construct written work which is logically and professionally presented.  | <ul style="list-style-type: none"> <li>• In-session Tests</li> <li>• Final Exam</li> </ul>   |

## Learning and Teaching Technologies

Moodle - Learning Management System

## Learning and Teaching in this course

### Approach to Learning and Teaching in the Course

The lectures, tutorials, and assessments have been designed to appropriately challenge students and support the achievement of the desired learning outcomes. A climate of inquiry and dialogue is encouraged between students and teachers and among students (in and out of class). The lecturers and tutors aim to provide meaningful and timely feedback to students to improve

learning outcomes.

This is not a course where you can become proficient just by observing. You will need to get involved in class – evaluating information and asking and answering questions. You also must learn to organise your independent study and practise enough problems to gain a thorough understanding of concepts and how to apply them.

You are expected to:

- Put consistent effort into learning activities throughout the term by preparing for the regular assessment tasks
- Take a responsible role in preparing for tutorials and participating in them
- Develop communication skills through engaging in classroom discussions
- Concentrate on understanding how and why to use formulas and less on memorising them
- Make continuous improvements by using the feedback from assessments

### **Learning Activities and Teaching Strategies**

The examinable content of the course is defined by the references given in the lecture schedule, the content of lectures, and the content of the tutorial program.

In this course, there are two types of formal classes: lectures and tutorials. There are also QUANTPASS classes which you can attend on a voluntary basis. In addition, you will be expected to spend a considerable amount of extra time working on your own to prepare for tutorials.

### **Lectures**

The purpose of lectures is to provide a logical structure for the topics that make up the course and to emphasise the important concepts and methods of each topic. Lectures will include explanation of relevant topics and theory together with worked examples to demonstrate the theory in practice. Where possible, lectures will show the relevance and application of the quantitative techniques covered in this course to business, economic and financial applications.

### **Tutorials**

Students are expected to attend tutorials.

Tutorials are an integral part of the subject. Tutorial discussion problems will build on the material discussed in lectures. Tutorials will increase your understanding of the material covered in lectures if you have tried to work through some numerical problems yourself beforehand.

**Focus.** Besides learning practical problem-solving skills, there is an emphasis on the development of communication skills and the ability to construct arguments. Discussions, both in small groups and involving the whole class, will be an opportunity for you to examine your understanding of concepts and applications before working on numerical examples.

**Preparation.** Tutorial questions must be prepared for your tutorial each week. Expect that your tutor or another student will check that you have attempted these. You are expected to attend the tutorials and discuss any difficulties you encountered solving the tutorial questions with your tutor. Solutions to these tutorial questions will be available on the course website each week.

Self-study questions will also be set for each week. Attempting these will assist you in answering the tutorial questions and will form a necessary part of the practice you will need to do to successfully complete this course. Solutions to some of these questions will be posted on the course website before summative assessment occurs. Further help in understanding the tutorial solutions and in solving the self-study problems can be obtained through consultations with your course staff.

**Discussion.** The first part of your tutorial will involve discussion questions related to the numerical questions you have prepared. These will help you improve your understanding of concepts and mathematical methods and assist you to see the relevance of these in business and economics. During this part of the tutorial, you may also suggest topics you would like to be discussed, for example areas where you are confused or need more explanation.

**Numerical solutions.** During the second part of the tutorial, the students and the tutor, working together, will examine the solutions to the prepared questions. If time permits, extra questions may be attempted. In the case where there is not time to work through all the prepared questions, answers to these questions (but not complete solutions) will be made available on the website.

**Online In-Session tests.** There will be two online in-session tests. Each test will be delivered as a Moodle quiz. These tests will assess your understanding of the course material; course staff will inform you in advance about the topics covered in the test.

### **Out-of-Class Study**

Lectures can only provide a structure to assist your study, and tutorial time is limited. Most learning will be achieved outside of class time. Students differ in their learning styles but a learning strategy might include:

- Read sections of the textbook before/after the lecture
- Attempt the self-study problems and compare your methods with the online practice problems to prepare for quizzes; try extra problems from the textbook if required
- Prepare tutorial questions
- Take the online quiz, look at your results and if necessary carry out further preparation before re-attempting it
- Seek assistance from staff, QUANTPASS leaders or fellow students to have queries answered

# Assessments

## Assessment Structure

| Assessment Item  | Weight | Relevant Dates   | Program learning outcomes   |
|--|--------|--|---|
| Online Quizzes<br>Assessment<br>Format: Individual   | 10%    | Start Date: see the Detailed Assessment Description for start and due dates<br>Due Date: see the Detailed Assessment Description for start and due dates | <ul style="list-style-type: none"> <li>• PL02 : Problem Solving</li> <li>• PL01 : Business Knowledge</li> <li>• PL02 : Academic Excellence</li> </ul>   |
| In-session Tests<br>Assessment<br>Format: Individual   | 25%    | Start Date: Please see the detailed assessment description for details.<br>Due Date: Please see the detailed assessment description for details.         | <ul style="list-style-type: none"> <li>• PL01 : Business Knowledge</li> <li>• PL02 : Problem Solving</li> <li>• PL03 : Business Communication</li> <li>• PL05 : Responsible Business Practice</li> <li>• PL06 : Global and Cultural Competence</li> </ul> |
| Communication skills -<br>Excel assignment and<br>tutorial participation<br>Assessment<br>Format: Individual | 15%    | Start Date: Not Applicable<br>Due Date: Not Applicable   | <ul style="list-style-type: none"> <li>• PL01 : Business Knowledge</li> <li>• PL02 : Problem Solving</li> <li>• PL03 : Business Communication</li> <li>• PL05 : Responsible Business Practice</li> <li>• PL06 : Global and Cultural Competence</li> </ul> |
| Final Exam<br>Assessment<br>Format: Individual   | 50%    | Start Date: Not Applicable<br>Due Date: Not Applicable   | <ul style="list-style-type: none"> <li>• PL01 : Business Knowledge</li> <li>• PL02 : Problem Solving</li> <li>• PL03 : Business Communication</li> <li>• PL05 : Responsible Business Practice</li> <li>• PL06 : Global and Cultural Competence</li> </ul> |



# Assessment Details

## Online Quizzes

### Assessment Overview

The quizzes will test your knowledge of the topics covered so far, and your ability to apply concepts and formulas in problem-solving. The quizzes are designed to assist you to learn, so you can practice, check your understanding of topics and improve on your first attempt if necessary.

Assesses: PLO1, PLO2, PLO3, PLO5, PLO6

BCom Students: myBCom Course points for PLO3

### Course Learning Outcomes

- CL01 : Apply basic principles of financial mathematics to real-life problems.
- CL02 : Apply probability tools to solve risk and uncertainty scenarios.
- CL03 : Use matrix algebra to represent and solve systems of equations.
- CL04 : Apply both single-variable and multivariable calculus to business and economics problems.
- CL05 : Solve optimisation problems.
- CL06 : Formulate and solve real problems amenable to mathematical analysis that arise in economics and business using the methods appropriate to the problem.

### Detailed Assessment Description

There will be two online quizzes. Each quiz will count for 5% of your overall course mark.

Both Online Quizzes 1 and 2 will take the form of a moodle quiz that you access via the course moodle site.

Online Quiz 1 will be made available by the beginning of Week 3 and will be due on Friday 16:00 of Week 3.

Online Quiz 2 will be made available by the beginning of Week 8 and will be due on Friday 16:00 of Week 8.

Quizzes will test material up to and including lectures ending the previous week. Before completing each quiz you will have the opportunity to try online self-check practice questions that are similar in content to the topics to be examined. For each quiz there will be two attempts allowed, but only your highest mark will be recorded.

The online quizzes will usually consist of multiple questions. You will need to perform calculations similar to those in the practice set but enter numerical answers rather than checking a box. You will be allocated a time limit of about one hour to complete each of your two attempts at each quiz. For the second attempt, you may not get exactly the same set of questions or data.

It is a good idea to save each answer as you progress through the questions in case your internet connection fails. For the same reason, it is not advisable to leave it until the last minute to begin your first quiz attempt. You may make your attempts at UNSW computing labs.

There are no supplementary quizzes. You are given two attempts to cover for any unseen technical problems that may cause you to lose one attempt. You may contact the lecturer-in-charge if and only if you lose the two attempts due to technical problems. Students who fail to attempt the quizzes due to circumstances outside their control may apply for [Special Consideration](#).

#### **Assignment submission Turnitin type**

This is not a Turnitin assignment

#### **Generative AI Permission Level**

##### **No Assistance**

This assessment is designed for you to complete without the use of any generative AI. You are not permitted to use any generative AI tools, software or service to search for or generate information or answers.

For more information on Generative AI and permitted use please see [here](#).

## **In-session Tests**

#### **Assessment Overview**

The in-session tests will test your knowledge of the topics covered so far, and your ability to apply concepts and formulas in problem-solving.

Assesses: PLO1, PLO2, PLO3, PLO5, PLO6

BCom Students: myBCom Course points for PLO6

#### **Course Learning Outcomes**

- CLO1 : Apply basic principles of financial mathematics to real-life problems.
- CLO2 : Apply probability tools to solve risk and uncertainty scenarios.
- CLO3 : Use matrix algebra to represent and solve systems of equations.

- CL04 : Apply both single-variable and multivariable calculus to business and economics problems.
- CL05 : Solve optimisation problems.
- CL06 : Formulate and solve real problems amenable to mathematical analysis that arise in economics and business using the methods appropriate to the problem.
- CL07 : Construct written work which is logically and professionally presented.

#### **Detailed Assessment Description**

There will be two online in-session tests. Online In-Session Test 1 counts for 12% of the overall mark for the course, and Online In-Session Test 2 counts for 13%. Each test will be delivered in the form of a Moodle quiz that can be accessed from the course moodle site.

Test 1 will be held during the Thursday lecture session (Thursday 15:00-16:30) for Week 4.

Test 2 will be held during the Thursday lecture session (Thursday 15:00-16:30) for Week 9.

This means that there will be no Thursday lecture for Weeks 4 and 9. Instead, you will take the in-session test during the Thursday lecture time for those weeks. You can take each test from any location (e.g. from home, or on-campus) using your laptop or another personal computing device.

You will be notified by course staff of the material covered. This announcement will be posted on the course website.

Students must take the online in-session tests during the specified lecture time. There will be no supplementary tests offered for the online in-session tests. You should make every effort to take the in-session tests. Students who fail to attend a test will need to apply for Special Consideration.

#### **Assignment submission Turnitin type**

This is not a Turnitin assignment

#### **Generative AI Permission Level**

##### **No Assistance**

This assessment is designed for you to complete without the use of any generative AI. You are not permitted to use any generative AI tools, software or service to search for or generate information or answers.

For more information on Generative AI and permitted use please see [here](#).

## Communication skills - Excel assignment and tutorial participation

### Assessment Overview

There will be an Excel Assignment, counting for 10% of the overall mark. The assignment will require students to apply concepts and formulas from the course to solve a set of calculation-intensive problems by performing the calculations within Microsoft Excel. The assignment will be submitted via Moodle. Supplementary material in the form of handouts/videos will be provided for students to help them learn the relevant Microsoft Excel methods.

Your participation in tutorials will be evaluated by your tutor, and will count for 5% of the overall mark. The marks are based on your willingness and effort in actively participating in activities during your weekly scheduled tutorial. Active participation can include: responding to questions, asking questions, and working on problems during the tutorial.

Assesses: PLO1, PLO2, PLO3, PLO5, PLO6

### Course Learning Outcomes

- CLO1 : Apply basic principles of financial mathematics to real-life problems.
- CLO2 : Apply probability tools to solve risk and uncertainty scenarios.
- CLO3 : Use matrix algebra to represent and solve systems of equations.
- CLO4 : Apply both single-variable and multivariable calculus to business and economics problems.
- CLO5 : Solve optimisation problems.
- CLO6 : Formulate and solve real problems amenable to mathematical analysis that arise in economics and business using the methods appropriate to the problem.

### Detailed Assessment Description

There will be an Excel Assignment, counting for 10% of the overall mark, due in Week 10. The assignment will require students to apply concepts and formulas from the course to solve a set of calculation-intensive problems by performing the calculations within Microsoft Excel. The assignment will be submitted via Moodle. Supplementary material in the form of handouts/videos will be provided for students to help them learn the relevant Microsoft Excel methods.

Your participation in tutorials will be evaluated by your tutor, and will count for 5% of the overall mark. The marks are based on your willingness and effort in actively participating in activities during your weekly scheduled tutorial. Active participation can include: responding to questions, asking questions, and working on problems during the tutorial. Students who are unable to attend tutorials should advise the LIC by the end of Week 1 in order to provide documentation and discuss alternative arrangements for earning participation marks.

### Assignment submission Turnitin type

This is not a Turnitin assignment

### Generative AI Permission Level

#### **Simple Editing Assistance**

In completing this assessment, you are permitted to use standard editing and referencing functions in the software you use to complete your assessment. These functions are described below. You must not use any functions that generate or paraphrase passages of text or other media, whether based on your own work or not.

If your Convenor has concerns that your submission contains passages of AI-generated text or media, you may be asked to account for your work. If you are unable to satisfactorily demonstrate your understanding of your submission you may be referred to UNSW Conduct & Integrity Office for investigation for academic misconduct and possible penalties.

For more information on Generative AI and permitted use please see [here](#).

## **Final Exam**

### Assessment Overview

The final exam will be held during the university examination period. It will consist of a number of questions designed to test your analytical skills and your problem-solving ability.

Assesses: PLO1, PLO2, PLO3, PLO5, PLO6

BCom Students: myBCom Course points for PLO5.

### Course Learning Outcomes

- CL01 : Apply basic principles of financial mathematics to real-life problems.
- CL02 : Apply probability tools to solve risk and uncertainty scenarios.
- CL03 : Use matrix algebra to represent and solve systems of equations.
- CL04 : Apply both single-variable and multivariable calculus to business and economics problems.
- CL05 : Solve optimisation problems.
- CL06 : Formulate and solve real problems amenable to mathematical analysis that arise in economics and business using the methods appropriate to the problem.
- CL07 : Construct written work which is logically and professionally presented.

### Detailed Assessment Description

The final will be a 2-hour examination. It will be held during the university examination period and will cover material from the entire course. More details about the format of the exam will be

announced later in the term.

(\*)This course will have an invigilated exam held on UNSW's Kensington campus. It is a mandatory requirement that you attend the exam on-campus.

#### Assignment submission Turnitin type

This is not a Turnitin assignment

#### Generative AI Permission Level

##### **No Assistance**

This assessment is designed for you to complete without the use of any generative AI. You are not permitted to use any generative AI tools, software or service to search for or generate information or answers.

For more information on Generative AI and permitted use please see [here](#).

## **General Assessment Information**

#### Grading Basis

Standard

#### Requirements to pass course

In order to pass this course students must:

- Achieve a composite mark of at least 50 out of 100
- Engage actively in course learning activities and attempt all assessment requirements
- Meet any additional requirements specified in the assessment details
- Meet the specified attendance requirements of the course (see Schedule section)

# Course Schedule

| Teaching Week/Module                 | Activity Type | Content  |
|--------------------------------------|---------------|--|
| Week 1 : 9 September - 15 September  | Lecture       | Topic 0: Functions and Limits (covered in pre-recorded lecture)<br>Topic 1: Time Value of Money<br>Topic 2: Evaluating Time-Money Choices<br>Topic 3: Annuities and Perpetuity |
| Week 2 : 16 September - 22 September | Lecture       | Topic 4: Matrices I<br>Topic 5: Matrices II  |
|                                      | Tutorial      | Topics 1 - 3   |
| Week 3 : 23 September - 29 September | Lecture       | Topic 6: Probability I<br>Topic 7: Probability II<br>Topic 8: Markov Chains  |
|                                      | Tutorial      | Topics 4 - 5   |
|                                      | Assessment    | Online Quiz 1 (by Thursday 1600)   |
| Week 4 : 30 September - 6 October    | Lecture       | Topic 9: Differentiation I   |
|                                      | Tutorial      | Topics 6 - 8   |
|                                      | Assessment    | Online In-session Test 1 (Thursday 15:00-16:30)  |
| Week 5 : 7 October - 13 October      | Lecture       | Topic 10: Differentiation II<br>Topic 11: Differentiation III  |
|                                      | Tutorial      | Topic 9  |
| Week 6 : 14 October - 20 October     | Other         | FLEX WEEK!   |
| Week 7 : 21 October - 27 October     | Lecture       | Topic 12: Integration<br>Topic 13: Differential Equations  |
|                                      | Tutorial      | Topics 10 - 11   |
| Week 8 : 28 October - 3 November     | Lecture       | Topic 14: Multivariate Calculus<br>Topic 15: Multivariate Optimisation   |
|                                      | Tutorial      | Topics 12 - 13   |
|                                      | Assessment    | Online Quiz 2 (by Thursday 16:00)  |
| Week 9 : 4 November - 10 November    | Lecture       | Topic 16: Constrained Optimisation   |
|                                      | Tutorial      | Topics 14 - 15   |
|                                      | Assessment    | Online In-Session Test 2 (Thursday, 15:00-16:30)   |
| Week 10 : 11 November - 17 November  | Lecture       | Recap  |
|                                      | Tutorial      | Topic 16   |
|                                      | Assessment    | Excel Assignment (by Thursday 16:00)   |

## Attendance Requirements

Students are required to attend all tutorials. As specified in the assessment section, your participation in tutorials will be evaluated by your tutor, and will count for 5% of your overall mark.

## Course Resources

### Prescribed Resources

The website for this course is on UNSW [Moodle](#).

The **Textbook** for this course is:

## Recommended text

- Haeussler, E.F. Paul, R.S and Wood, R.J., Introductory Mathematical Analysis for Business, Economics, and the Life and Social Sciences, Global Edition, 14th edition. Published by Pearson, 2021.
  - An online version of this textbook is available at: <https://bit.ly/9781292413099>

Students may also find the following textbooks useful for some parts of the course:

## Recommended text

- Knox, D.M., Zima, P. and Brown, R.L., Mathematics of Finance, 2nd ed, published by McGraw-Hill, 2009.
  - Comment: This book is recommended reading for financial mathematics material and covers some material which is not in the textbook. Available in the library's High Use Collection and at the UNSW Bookshop.
- Morris, C., Quantitative Approaches in Business Studies, 8th ed., Published by Financial Times Prentice Hall, 2012.
  - Comment: Written in an easy-to-read style, this book is a useful resource for various topics including financial mathematics. Available in the library's High Use Collection.

Note that in the Course Schedule, these texts are referred to according to the initials of their authors as HPW, KZB and CM.

## Calculator

A basic scientific calculator is required for this course. Usually, the calculator you used at school will be satisfactory. It must be able to perform logarithmic and exponential calculations such as  $\ln x$  and  $x^y$ .

## Course Evaluation and Development

Feedback is regularly sought from students and continual improvements are made based on this feedback. At the end of this course, you will be asked to complete the [myExperience survey](#), which provides a key source of student evaluative feedback. Your input into this quality enhancement process is extremely valuable in assisting us to meet the needs of our students and provide an effective and enriching learning experience. The results of all surveys are carefully considered and do lead to action towards enhancing educational quality.

The School of Economics strives to be responsive to student feedback. If you would like more information on how the design of this course and changes made to it over time have taken



students’ needs and preferences into account, please contact the Director of Education at the School of Economics.

**Consent for De-Identified Data to be Used for Secondary Research into Improving Student Experience**

To enhance your student experience, researchers at UNSW conduct academic research that involves the use of de-identified student data, such as assessment outcomes, course grades, course engagement and participation, etc. Students of this course are being invited to provide their consent for their de-identified data to be shared with UNSW researchers for research purposes after the course is completed.

Providing consent for your de-identified data to be used in academic research is voluntary and not doing so will not have an impact on your course grades.

Researchers who want to access your de-identified data for future research projects will need to submit individual UNSW Ethics Applications for approval before they can access your data.

A full description of the research activities aims, risks associated with these activities and how your privacy and confidentiality will be protected at all times can be found [here](#).

If you **consent** to have your de-identified data used for academic research into improving student experience, you do not need to do anything. Your consent will be implied, and your data may be used for research in a format that will not individually identify you after the course is completed.

If you **do not consent** for this to happen, please email the [opt-out form](#) to [seer@unsw.edu.au](mailto:seer@unsw.edu.au) to opt-out from having your de-identified data used in this manner. If you complete the opt-out form, the information about you that was collected during this course will not be used in academic research.

**Staff Details**

| Position | Name      | Email | Location              | Phone | Availability                          | Equitable Learning Services Contact | Primary Contact |
|----------|-----------|-------|-----------------------|-------|---------------------------------------|-------------------------------------|-----------------|
| Convenor | Hongyi Li |       | Business School (415) |       | Mondays 10am-11am, and by appointment | No                                  | Yes             |

# Other Useful Information

## Academic Information

### COURSE POLICIES AND SUPPORT

The Business School expects that you are familiar with the contents of this course outline and the UNSW and Business School learning expectations, rules, policies and support services as listed below:

- Program Learning Outcomes
- Academic Integrity and Plagiarism
- Student Responsibilities and Conduct
- Special Consideration
- Protocol for Viewing Final Exam Scripts
- Student Learning Support Services

Further information is provided on the [Policies and Guidelines](#) page.

Students may not circulate or post online any course materials such as handouts, exams, syllabi or similar resources from their courses without the written permission of their instructor.

### STUDENT LEARNING OUTCOMES

The Course Learning Outcomes (CLOs) – under the Outcomes tab – are what you should be able to demonstrate by the end of this course, if you participate fully in learning activities and successfully complete the assessment items.

CLOs also contribute to your achievement of the Program Learning Outcomes (PLOs), which are developed across the duration of a program. PLOs are, in turn, directly linked to [UNSW graduate capabilities](#). More information on Coursework PLOs is available on the [Policies and Guidelines](#) page. For PG Research PLOs, including MPDBS, please refer to [UNSW HDR learning outcomes](#).

## Academic Honesty and Plagiarism

As a student at UNSW you are expected to display [academic integrity](#) in your work and interactions. Where a student breaches the [UNSW Code of Conduct](#) with respect to academic integrity, the University may take disciplinary action. To assure academic integrity, you may be required to demonstrate reasoning, research and the process of constructing work submitted for

assessment.

To assist you in understanding what academic integrity means, and how to ensure that you do comply with the UNSW Code of Conduct, it is strongly recommended that you complete the [Working with Academic Integrity](#) module before submitting your first assessment task. It is a free, online self-paced Moodle module that should take about one hour to complete.

## Submission of Assessment Tasks

### SHORT EXTENSIONS

Short Extension is a new process that allows you to apply for an extended deadline on your assessment without the need to provide supporting documentation, offering immediate approval during brief, life-disrupting events. Requests are automatically approved once submitted.

Short extensions are ONLY available for some assessments. Check your course outline or Moodle to see if this is offered for your assessments. Where a short extension exists, all students enrolled in that course in that term are eligible to apply. Further details are available the UNSW [Current Students](#) page.

### SPECIAL CONSIDERATION

You can apply for special consideration when illness or other circumstances beyond your control interfere with your performance in a specific assessment task or tasks, including online exams. Special consideration is primarily intended to provide you with an extra opportunity to demonstrate the level of performance of which you are capable.

Applications can only be made online and will NOT be accepted by teaching staff. Applications will be assessed centrally by the Case Review Team, who will update the online application with the outcome and add any relevant comments. The change to the status of the application immediately sends an email to the student and to the assessor with the outcome of the application. The majority of applications will be processed within 3-5 working days.

For further information, and to apply, see Special Consideration on the UNSW [Current Students](#) page.

### LATE SUBMISSION PENALTIES

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For assessments other than examinations, late submission will incur a penalty of 5% per day or part thereof (including weekends) from the due date and time. An assessment will not be accepted after 5 days (120 hours) of the original deadline unless special consideration has been approved. In the case of an approved Equitable Learning Plan (ELP) provision, special consideration or short extension, the late penalty applies from the date of approved time extension. After five days from the extended deadline, the assessment cannot be submitted.

An assessment is considered late if the requested format, such as hard copy or electronic copy, has not been submitted on time or where the 'wrong' assessment has been submitted.

For assessments which account for 10% or less of the overall course grade, and where answers are immediately discussed or debriefed, the LIC may stipulate a different penalty. Details of such late penalties will be available on the course Moodle page.

## **FEEDBACK ON YOUR ASSESSMENT TASK PERFORMANCE**

Feedback on student performance from formative and summative assessment tasks will be provided to students in a timely manner. Assessment tasks completed within the teaching period of a course, other than a final assessment, will be assessed and students provided with feedback, with or without a provisional result, within 10 working days of submission, under normal circumstances. Feedback on continuous assessment tasks (e.g. laboratory and studio-based, workplace-based, weekly quizzes) will be provided prior to the midpoint of the course.

## **Faculty-specific Information**

### **PROTOCOL FOR VIEWING FINAL EXAM SCRIPTS**

UNSW students have the right to view their final exam scripts, subject to a small number of very specific exemptions. The UNSW Business School has set a [protocol](#) under which students may view their final exam script. Individual schools within the Faculty may also set up additional local processes for viewing final exam scripts, so it is important that you check with your School.

If you are completing courses from the following schools, please note the additional school-specific information:

- Students in the **School of Accounting, Auditing & Taxation** who wish to view their final examination script should also refer to [this page](#).
- Students in the **School of Banking & Finance** should also refer to [this page](#).
- Students in the **School of Information Systems & Technology Management** should also refer

to [this page](#).

## **COURSE EVALUATION AND DEVELOPMENT**

Feedback is regularly sought from students and continual improvements are made based on this feedback. At the end of this course, you will be asked to complete the [myExperience survey](#), which provides a key source of student evaluative feedback. Your input into this quality enhancement process is extremely valuable in assisting us to meet the needs of our students and provide an effective and enriching learning experience. The results of all surveys are carefully considered and do lead to action towards enhancing educational quality.

## **QUALITY ASSURANCE**

The Business School is actively monitoring student learning and quality of the student experience in all its programs. A random selection of completed assessment tasks may be used for quality assurance, such as to determine the extent to which program learning goals are being achieved. The information is required for accreditation purposes, and aggregated findings will be used to inform changes aimed at improving the quality of Business School programs. All material used for such processes will be treated as confidential.

## **TEACHING TIMES AND LOCATIONS**

Please note that teaching times and locations are subject to change. Students are strongly advised to refer to the [Class Timetable website](#) for the most up-to-date teaching times and locations.