



Numeracy Centre

MATHEMATICS BRIDGING COURSES SESSION 2 2021

THE NUMERACY CENTRE OFFERS A NUMBER OF BRIDGING COURSES AND PREPARATORY COURSES IN ORDER TO HELP STUDENTS PREPARE FOR THEIR UNIVERSITY STUDIES. THESE INTENSIVE COURSES GIVE YOU A SOLID FOUNDATION FOR YOUR STUDIES. ALL OUR COURSES ARE DESIGNED TO SUPPORT AND BUILD YOUR CONFIDENCE IN MATHEMATICS AND STATISTICS.

PREPARATORY COURSES

These are intensive courses for students from various mathematical backgrounds who need to enrol in first year mathematics courses or need a solid review of introductory mathematical concepts. The stream that you enrol in depends on the mathematics that you have done at high school. For those who have done Standard Mathematics or have a Band 2 or 3 in Mathematics we would recommend enrolling in the Foundation Stream. For students planning to enrol MATH1010 who have Band 4 or higher in Mathematics we would recommend enrolling in the Extension Stream.

FOUNDATION STREAM

The Foundation Stream is for students who need an introduction to, or a review of, algebra and function concepts. We strongly recommend this course for students who have done HSC Standard Mathematics or no mathematics and are intending to include mathematics units such as MATH1000 or economics units at 1000 level in their programs of study. It also covers mathematical concepts that would be useful as a preparation for statistics, chemistry and biology units. This course is designed so that students intending to study mathematics or other disciplines that rely heavily on mathematics like physics or economics do the full 10 day course (\$380), while chemistry, biology or statistics students attend the first 5 days (\$230).

MATHS BRIDGING FOR PHYS1210

The Maths Bridging for PHYS1210 is a bespoke version of the foundation course designed for BClinSci, BChiroSci and BMedSci students who intend to enrol in PHYS1210. It covers mathematical concepts and problem solving skills that are useful in preparation for PHYS1210. The Maths Bridging for PHYS1210 course can be used as a pre-requisite for PHYS1210 for students who do not have the required high school mathematics. For students who intend to use this course as a pre-requisite attendance is compulsory.

EXTENSION STREAM

The Extension Stream is for students who want to refresh their skills before commencing MATH1010 and can be used as a bridge to HSC Mathematics Extension 1. To enrol in this course students must have completed HSC advanced mathematics or an equivalent course. Please note that this course cannot be used as a prerequisite for MATH1010, PHYS1010 or PHYS1510.

Preparatory Course in Mathematics

Foundation Stream

10 Day	12 -23 July	Mon – Fri	10am - 1pm
Cost:	\$380 (includes text and GST)		
5 Day	12 – 16 July	Mon – Fri	10am - 1pm
Cost:	\$230 (includes text and GST)		

Preparatory Course in Mathematics

Maths Bridging for PHYS1210

Day	12 -16 July	Mon – Fri	10am – 5pm
Cost:	\$380 (includes text and GST)		

Preparatory Course in Mathematics

Extension Stream

Day	NA		
Cost:	\$380 (includes text and GST)		

REVIEW SESSIONS

Review Session			
Review Session in Basic Maths			
Day	31 July	Saturday	10am – 1pm
Cost:	\$25 (includes GST)		

A three-hour review session on basic mathematics, up to the level of early secondary school, will be held for students enrolling in statistics. This course is recommended for students who are not confident in their mathematical ability and are intending to enrol in a first year statistics course. The topics covered will be fractions, decimals, percentages, plotting, basic algebra and problem solving. The cost is \$25 and there is no need to book.

REFRESHER COURSE IN STATISTICS

This course is designed to brush up the student's knowledge of introductory statistics before they commence second year statistics courses such as PSYU2248, BIOL2610 and STAT2170. Concepts covered include hypothesis testing, statistical tests for the mean and regression. This one day course is run at the beginning of each semester and details can be found on the Numeracy Centre website.

Refresher Course			
Refresher Course in Statistics			
Day	07 August	Saturday	10am – 5pm
Cost:	\$75 (includes GST)		

WHAT ELSE IS ON OFFER AT THE NUMERACY CENTRE?

The Numeracy Centre, located in 14 Sir Christopher Ondaatje Avenue, Room 188, provides individual and small group assistance to those students who need learning support in numeracy related areas such as introductory mathematics and statistics units. If you are studying mathematics, computing, engineering, economics, statistics, psychology, physics, chemistry, biology or indeed any first year unit at Macquarie University that uses quantitative skills and you find that you need extra help, particularly with the underlying mathematical concepts, the Numeracy Centre staff can help you.

The Centre operates on a free drop-in basis from Monday to Friday during the semester. Timetables may be obtained from the Centre website.

The Numeracy Centre also runs a wide variety of workshops during the semester to either refresh prerequisite knowledge or as additional classes for those who would like some extra tuition in various subjects. These workshops currently cover material that is useful for STAT1170, STAT1250, FOSE1005, FOSE1015, MATH1000, MATH1010, MATH1020, MATH1007, MATH2907, BIOL2610 and PSYU2248. The days and times of these workshops will be advertised in lectures and through the Numeracy Centre website.

Enrolment information and enquiries: Carolyn Kennett at fse.numeracy@mq.edu.au.

Information can also be found on our website: <https://students.mq.edu.au/numeracy-centre>

Important Note:

If you wish to enrol in one of these courses but there are financial constraints preventing you from enrolling please contact Carolyn Kennett at carolyn.kennett@mq.edu.au.

NUMERACY CENTRE

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