



University of
Western Sydney
Bringing knowledge to life

Student Learning Unit (SLU)
Bridging & Workshop Programs



2012

Student Learning Unit (SLU) Bridging & Workshop Programs

UniStep & AcPrep: January & February 2011

Intensive, pre-semester **bridging** courses in academic literacy, maths & statistics are offered from late January 2012.

How do I apply?

Register online for UniStep from Friday 20 January and for AcPrep from Monday 6 February at: www.uws.edu.au/bridgingprograms

For any queries: unistep@uws.edu.au

Academic literacy workshops: March–May 2012

A range of academic literacy and academic skills workshops are offered early in Autumn session 2012.

How do I apply?

Register online from Monday 20 February at: www.uws.edu.au/skillsworkshops

For more details

Read this flyer for all the details about the 2012 Academic Literacy, Mathematics and Statistics bridging courses and workshops and then select and register for your choices.

Phone Contact – Student Learning Unit

If you have any queries, please contact Dawn or Jane on 4736 0850 or email unistep@uws.edu.au

All SLU programs are free
– places are limited

Information Sessions – Bridging Courses

The SLU is running 2 hour information sessions on **Wednesday 25 January 2012** to help you choose a suitable bridging course and to register online. Attendance is strongly recommended. To register students must bring their letter of offer or their UWS student number.

Sessions start promptly at 10:00am at Penrith (Kingswood) and 6:00pm at Parramatta.

Kingswood Information Day
Wednesday 25 January 2012
From 10:00am to 12 noon
Building V, ground floor
Lecture theatre 5

Parramatta Information Evening
Wednesday 25 January 2012
From 6:00pm to 8:00pm
Building EA, 2nd floor
Room 13 (Lecture theatre 02)

Disability Assistance

UWS is committed to providing appropriate adjustments for students with a disability or chronic health condition. If you need adjustments or would like further information about these university services, please email disability@uws.edu.au or phone 9852 5199.

UniStep 2012

– Academic Literacy Bridging Course

AcPrep 2012

– Academic Preparation

Autumn Session 2012

– Academic Literacy Workshops

What do the SLU programs offer?	When & where?*	How to apply?
<p>UniStep Academic literacy</p> <p>An intensive program for effective learning and assignment writing at university:</p> <ul style="list-style-type: none"> » Develop essential skills and receive individual feedback before uni starts » Experience group work and presentations » Integrate reading, note taking and writing skills » Includes a free comprehensive academic skills study guide <p>UniStep Academic Literacy Blended Mode</p> <p>An intensive program, delivered through a combination of face-to-face and online sessions, which develops skills in reading, note-making, and writing skills and provides the opportunity to receive individual feedback before Uni begins.</p>	<p>Day course: 8 days – Bankstown, Campbelltown, Parramatta and Penrith (Kingswood) campuses</p> <p>Wednesday 1 February – Friday 10 February (week days only), 9:30am to 3:00pm</p> <p>Evening course: 10 evenings – Parramatta campus</p> <p>Class 1 Wednesday 1 February – Tuesday 14 February (week days only), 5:30pm – 9:00pm</p> <p>Class 2 Wednesday 8 February – Tuesday 21 February (week days only), 5:30pm – 9:00pm</p> <p>Blended Mode Online – from Wednesday 8 February – Monday 21 February Face to Face – 8 February – 5:30pm to 9:00pm and Saturday 11 and 18 February – 10:00am to 3:00pm</p>	<p>For UniStep</p> <p>Registration opens 20 January 2012. For all details on registration go to: www.uws.edu.au/bridgingprograms</p> <p>Note: It is expected that students will attend each day of the program.</p> <p>Contact Jane or Dawn with any questions on 4736 0850 or email unistep@uws.edu.au</p>
<p>Academic preparation program – AcPrep</p> <p>A short 2 day program to suit new undergraduate students who want to brush up on their study and writing skills. Receive a broad introduction to university culture. Includes a free booklet on University study.</p> <p>Part-time AcPrep A one day program on study skills, academic writing and university culture to suit part-time students. Includes a free booklet on University study.</p> <p>Post-grad AcPrep A program to suit postgraduate students which outlines academic writing for coursework students, career development, future planning and balancing life, time and stress management.</p>	<p>2 day course – 9:30am to 3:30pm each day</p> <p>Campbelltown and Parramatta campuses Monday 20 and Tuesday 21 February</p> <p>Penrith (Kingswood) campus Wednesday 22 and Thursday 23 February</p> <p>Bankstown campus Thursday 23 and Friday 24 February</p> <p>Part-time Saturday course 9:30am – 3:30pm Parramatta campus only Saturday 18 February</p> <p>Post-grad Saturday course 9:30am – 2:00pm Parramatta campus only Saturday 25 February</p>	<p>For AcPrep</p> <p>Registration opens 6 February 2012. For details on registration go to: www.uws.edu.au/bridgingprograms</p> <p>Note: You do not need to attend AcPrep if you complete the UniStep Academic Literacy course.</p> <p>Contact Jane or Dawn with any questions on 4736 0850 or email unistep@uws.edu.au</p>
<p>Autumn session academic literacy workshop program</p> <p>Workshops will include topics such as:</p> <ul style="list-style-type: none"> » Introduction to Essay Structure » Introduction to Critical Thinking » Introduction to Essay Writing » Introduction to Paraphrasing, Summarising & Quoting References 	<p>Workshops run on most campuses – from week commencing Monday 5 March.</p> <p>Weekday workshops are generally 1 to 2 hours long. Some workshops are also available as longer sessions on Saturdays.</p>	<p>For all Autumn Session SLU Literacy Workshops</p> <p>Registration opens 20 February 2012. For all details on registration go to: www.uws.edu.au/skillsworkshops</p> <p>Contact Jane or Dawn with any questions on 4736 0850 or email lsuworkshops@uws.edu.au</p>

* Programs are subject to sufficient registrations. The University reserves the right to change or cancel any of these courses.

UniStep 2012

Mathematics and Statistics Bridging Courses

Preparing for Mathematics and Statistics at UWS

UWS students can refresh and improve their high school mathematics skills and knowledge through a variety of free bridging courses which run from Wednesday 1 February to Wednesday 15 February 2012.

UniStep bridging courses are of particular help to students who have not studied mathematics recently or who did HSC General Mathematics (formerly MIS or MIP) or who have a lower band pass of below 4 in HSC Mathematics (formerly 2 Unit).

Courses

Bridging courses running at Penrith (Kingswood) campus are: **Algebra 1**, **Algebra 2**, **Trigonometry**, **Calculus** and **Maths bridging for engineering students**.

Bridging courses running at Parramatta campus are: **Algebra 1** and **Statistics**.

See Table 2 on the following page for the times and dates of each course as well as the content of each course.

Which bridging courses do you need?

Certain units (subjects) at university assume you have studied a certain level of mathematics. You may need to do some bridging before starting such a unit.

Step 1 - Are you doing a unit (subject) which has Assumed Knowledge in mathematics?

- » Go to the UWS course search page, type in your course name, check if there is a mathematics, statistics, science or economics unit in your first year, click on the unit and then look for the heading 'Assumed Knowledge' or 'Special Requirements'

Course search page:
www.uws.edu.au/handbook

Step 2 - Determine which bridging courses to do to gain the assumed mathematical knowledge of a unit (subject)

- » Use Table 1 to match your first year unit (subject) with its recommended bridging courses.

Note: Nursing students will be advised about the mid-year Nursing Numeracy Bridging Course once autumn session begins and so do not need to attend any other mathematics bridging course.

UniStep Information Sessions and Further Advice

If you are still not sure what bridging courses to do, come to a UniStep Information Session on **25 January 2012** either at Penrith (Kingswood) campus at 10:00am or at Parramatta campus at 6:00pm. Alternatively, make your enquiries by contacting the Student Learning Unit on 4736 0850 or email unistep@uws.edu.au

UniStep Bridging Course Registration

Registrations for all UniStep mathematics and statistics bridging courses open on **20 January 2012**. Register for your bridging courses online at: www.uws.edu.au/bridgingprograms

Table 1: Recommended Bridging Courses for First Year Units (Subjects)

Unit (Subject)	Bridging Courses
<ul style="list-style-type: none"> » Statistics units (e.g. Statistics for Business, Statistical Decision Making and Biometry) » Quantitative Thinking 	Algebra 1 & Statistics
<ul style="list-style-type: none"> » Mathematics for Engineers 1 	Maths bridging for engineering **
<ul style="list-style-type: none"> » Fundamentals of Mathematics » Mathematics for Engineers Preliminary » Design Science 	Algebra 1 & Algebra 2 & Trigonometry
<ul style="list-style-type: none"> » Mathematics 1A 	Algebra 2 & Trigonometry & Calculus **
<ul style="list-style-type: none"> » Discrete Mathematics 	Algebra 1 & Algebra 2
<ul style="list-style-type: none"> » Introduction to Economic Methods » Quantitative Techniques 	Algebra 1 & Algebra 2 (Penrith campus) or Algebra 1 & Statistics (Parramatta campus)
<ul style="list-style-type: none"> » Physics 1 	Algebra 2 & Trigonometry **

** Algebra 1 should also be taken if student only has *HSC General Mathematics* or *HSC Mathematics below band 4*.

UniStep 2012

Mathematics and Statistics Bridging Courses

Table 2: Bridging Course Content and Schedule

Course	Penrith (Kingswood) (Day)	Parramatta (Day)
Algebra 1 » Arithmetic, basic algebra, indices, surds, solving equations, factorisation, co-ordinate geometry	Wednesday 1 – Friday 3 February 9:30am to 3:00pm	Wednesday 1 – Friday 3 February 9:30am to 3:00pm
Statistics » Graphing data, calculating means & standard deviations, data interpretation, introduction to distributions & sampling, use of scientific calculators in statistics mode		Monday 13 – Wednesday 15 February 9:30am to 3:00pm
Algebra 2 » Solving harder equations including simultaneous equations and quadratic equations, using formulas » Introduction to logarithmic and exponential functions	Monday 6 – Wednesday 8 February 9:00am to 4:15pm	
Trigonometry » Pythagoras, sine, cosine & tangent ratios, sine & cosine rules » Radians, graphing trig functions, solving trig equations	Thursday 9 – Friday 10 February 9:00am to 4:15pm	
Calculus » Functions, differentiation, integration, applications of calculus	Monday 13 – Wednesday 15 February 9:00 am to 4:15pm	
Maths bridging for engineering » This course covers the Algebra 2 , Trigonometry & Calculus courses, so do not register for them separately » Engineering students not confident in basic algebra and co-ordinate geometry should firstly do Algebra 1	Monday 6 – Wednesday 15 February 9:00am to 4:15pm	

The Student Learning Unit provides online videos, quizzes and worksheets in mathematics, statistics and nursing numeracy. To find out more about these services go to www.uws.edu.au/slu and follow the link to:

Online Learning > Improve Your Maths or
Improve Your Nursing Numeracy

University of Western Sydney
Locked Bag 1797
Penrith NSW 2751 Australia
www.uws.edu.au

Student Learning Unit
02 4736 0850
www.uws.edu.au/slu

Course Information Centre
1300 897 669
study@uws.edu.au