



University of  
Western Sydney

Bringing knowledge to life

**Student Learning Unit (SLU)**  
Bridging & Workshop Programs



# Student Learning Unit (SLU) Bridging & Workshop Programs

## UniStep & AcPrep **February** 2010

- » Intensive, pre-semester **bridging** courses in academic literacy, maths & statistics are offered from early February 2010.

## Academic literacy, maths & statistics **workshops** – Autumn session

- » A range of academic literacy, maths, statistics and study skills workshops are offered throughout the autumn session in 2010.

Read through this flyer for all program dates, content of all programs, instructions on how to register a place, website addresses and email or phone contact details.

All SLU programs are **free** – places are limited

## How do I apply?

Registration opens from **22 January 2010**.

The SLU is running 2 hour information sessions on **28 January 2010** to help you choose a suitable bridging course and to help you register in any course using our 'Online Registration' process. Attendance is strongly recommended. To be able to register a place students must bring their letter of offer or their UWS student number.

Alternatively, to see what courses are available and to find out how to register in any course, visit our website: [www.uws.edu.au/bridgingprograms](http://www.uws.edu.au/bridgingprograms)

## Information Sessions

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

**Kingswood Information Day**  
**Thursday 28 January 2010**  
**10:00 am to 12 noon**  
**Building V, Ground Floor**  
**Lecture Theatre 5**

**Parramatta Information Evening**  
**Thursday 28 January 2010**  
**6:00 pm to 8:00 pm**  
**Building EA, 2nd Floor**  
**Room 13**

## SLU Contact Details

If you have any queries, please contact Dawn or Jane on 4736 0850 or email [unistep@uws.edu.au](mailto:unistep@uws.edu.au)

## Disability Assistance

UWS is committed to providing appropriate adjustments for students with a disability or chronic health condition. Adjustments can include alternative formatted material, a note taker, reader or sign language interpreter. If you need adjustments or would like further information about these university services, please email [disability@uws.edu.au](mailto:disability@uws.edu.au) or phone 9852 5199.

# UniStep 2010

## 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 Monday 1 February to Friday 26 February 2010.

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).

### Day & Evening Courses

Daytime bridging courses running at Campbelltown campus are: **Algebra 1 and Statistics**.

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

Evening 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 or has a Basic Maths Skills Test?**

- » 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: [http://handbook.uws.edu.au/hbook/COURSE\\_SEARCH.ASPX](http://handbook.uws.edu.au/hbook/COURSE_SEARCH.ASPX)

**Step 2 – Determine which bridging courses to do to gain the assumed mathematical knowledge of a unit (subject) or to prepare for the Basic Maths Skills Test**

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

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

Unit (Subject)	Bridging Courses
» All Statistics units (eg Statistics for Business, Biometry)	Algebra 1 & Statistics
» Mathematics for Engineers 1	Maths bridging for engineering **
» Fundamentals of Mathematics » Mathematics for Engineers Preliminary	Algebra 1 & Algebra 2 & Trigonometry
» Mathematics 1A	Algebra 2 & Trigonometry & Calculus **
» Discrete Mathematics	Algebra 1 & Algebra 2
» Introduction to Economic Methods » Quantitative Techniques	Algebra 1 & Algebra 2 (Penrith campus) or Algebra 1 & Statistics (Parramatta or Campbelltown campuses)
» Design Science	Algebra 2 & Trigonometry **
» Physics 1	Algebra 2 & Trigonometry **

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

**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 **28 January 2010** either at Penrith (Kingswood) campus at 10:00 am or at Parramatta campus at 6:00 pm. Alternatively, make your enquiries by contacting the Student Learning Unit on 4736 0850 or email [unistep@uws.edu.au](mailto:unistep@uws.edu.au)

### UniStep Bridging Course Registration

Registrations for all UniStep mathematics and statistics bridging courses open on **22 January 2010**. Register for your bridging courses online at: <https://owrs.uws.edu.au/PrepPrograms.asp>

# UniStep 2010

## Mathematics and Statistics Bridging Courses

### Autumn Session 2010

### Mathematics and Statistics Workshops

Table 2: Bridging Course Content and Schedule

Course	Campbelltown (Day)	Penrith (Kingswood) (Day)	Parramatta (Evening)
<b>Algebra 1</b> » Arithmetic, basic algebra, indices, surds, solving equations, factorisation, co-ordinate geometry	3 Feb – 5 Feb 9.15 am – 3:00 pm	1 Feb – 3 Feb 9.15 am – 3:00 pm	17 Feb – 19 Feb & 22 Feb 5:00 pm – 9:00 pm
<b>Statistics</b> » Graphing data, calculating means & standard deviations, data interpretation, introduction to distributions & sampling, use of scientific calculators in statistics mode	10 Feb – 12 Feb 9.15 am – 3:00 pm		23 Feb – 26 Feb 5:00 pm – 9:00 pm
<b>Algebra 2</b> » Solving harder equations including simultaneous equations and quadratic equations, using formulas » Introduction to logarithmic and exponential functions		4 Feb & 5 Feb 9:00 am – 1:00 pm  8 Feb & 9 Feb 9:00 am – 4:15 pm	
<b>Trigonometry</b> » Pythagoras, sine, cosine & tangent ratios, sine & cosine rules » Radians, graphing trig functions, solving trig equations		3 Feb – 5 Feb 1:00 pm – 4:15 pm	
<b>Calculus</b> » Functions, differentiation, integration, applications of calculus		10 Feb – 12 Feb 9:00 am – 4:15 pm	
<b>Maths bridging for engineering</b> » 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		3 Feb 1:00 pm – 4:15 pm  4 Feb & 5 Feb 9:00 am – 4:15 pm  8 Feb – 12 Feb 9:00 am – 4:15 pm	

### Autumn Semester 2010 – Mathematics and Statistics Support Workshops

The Student Learning Unit runs mathematics and statistics support workshops in autumn semester to help students succeed in the mathematics or statistics unit they are studying at UWS.

Support workshops usually start running from about the middle of March. All details about what support workshops are available, including registering a place online, can be found at:  
<https://owrs.uws.edu.au/LSUWorkshops.asp>

You can also contact us about workshops on 4736 0850 or email [slu@uws.edu.au](mailto:slu@uws.edu.au)

# UniStep 2010

## Academic Literacy Bridging Course

### AcPrep 2010

#### Academic Preparation

### Autumn Session 2010

#### Academic Literacy Workshops

What do the SLU programs offer?	When & where?*	How to apply?
<p><b>UniStep Academic literacy</b></p> <p>An intensive program for effective learning and assignment writing at university.</p> <ul style="list-style-type: none"> <li>» Develop essential skills and receive individual feedback before uni starts</li> <li>» Experience group work and presentations</li> <li>» Integrate reading, note taking and writing skills</li> </ul> <p>Includes a free comprehensive academic skills study guide.</p>	<p><b>Day course: 8 days</b> – Bankstown, Campbelltown, Parramatta and Penrith (Kingswood) Campuses</p> <p>Thurs 4 Feb – Mon 15 Feb (week days only), 9:30 am – 3:00 pm</p> <p><b>Evening course: 5 evenings and 2 Saturdays</b> – Parramatta Campus</p> <p>Sat 6 Feb, 10:00 am – 3:00 pm Mon 8 Feb – Thurs 11 Feb, 5:30 pm – 9:00 pm Sat 13 Feb, 10:00 am – 3:00 pm Mon 15 Feb, 5:30 pm – 9:00 pm</p> <p><b>Note:</b> It is expected that students will attend each day of the program.</p>	<p><b>For UniStep</b></p> <p>Registration opens <b>22 January 2010</b>. For all details on registration go to: <a href="http://www.uws.edu.au/bridgingprograms">www.uws.edu.au/bridgingprograms</a></p> <p>Contact Jane or Dawn with any questions on 4736 0850 or email <a href="mailto:unistep@uws.edu.au">unistep@uws.edu.au</a></p>
<p><b>Academic preparation program – AcPrep</b></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 <b>free</b> booklet on University study.</p> <p><b>Part-time AcPrep</b> We also have a shorter program on study skills, academic writing and university culture to suit part-time students. Includes a free booklet on University study.</p> <p><b>Post-grad AcPrep</b> Another short program to suit postgraduate students outlines academic writing for coursework students, career development, future planning and balancing life, time and stress management. Online Resources available.</p>	<p><b>2 day course: 9:30 am – 3:30 pm each day</b></p> <p><b>Bankstown Campus:</b> Mon 22 Feb &amp; Tue 23 Feb</p> <p><b>Campbelltown Campus:</b> Thurs 25 Feb &amp; Fri 26 Feb</p> <p><b>Parramatta Campus:</b> Tue 23 Feb &amp; Wed 24 Feb</p> <p><b>Penrith (Kingswood) Campus:</b> Thurs 25 Feb &amp; Fri 26 Feb</p> <p><b>Part-time Saturday course – Parramatta Campus</b> Sat 20 Feb, 9:30 am – 3:30 pm</p> <p><b>Post-grad Saturday course – Parramatta Campus</b> Sat 27 Feb, 9.30 pm – 2:00 pm</p> <p><b>Note:</b> You do not need to attend AcPrep if you complete the UniStep Literacy course.</p>	<p><b>For AcPrep</b></p> <p>Registration opens <b>8 February 2010</b>. For details on registration go to: <a href="http://www.uws.edu.au/bridgingprograms">www.uws.edu.au/bridgingprograms</a></p> <p>Contact Jane or Dawn with any questions on 4736 0850 or email <a href="mailto:unistep@uws.edu.au">unistep@uws.edu.au</a></p>
<p><b>Autumn session academic literacy workshop program</b></p> <p>Workshops will include topics such as:</p> <ul style="list-style-type: none"> <li>» Introduction to Essay structure</li> <li>» Introduction to Referencing Skills</li> <li>» Introduction to Critical Thinking</li> <li>» Introduction to Essay Writing and many more.</li> </ul> <p>To Register and check the SLU Workshop 2010 timetable go to: <a href="http://www.uws.edu.au/slu">www.uws.edu.au/slu</a></p>	<p><b>Workshops run on most campuses</b> – from week commencing Mon 8 March.</p> <p>Weekday workshops are generally one to 2 hours long. Some workshops are also available as longer sessions on Saturdays.</p>	<p><b>For all Autumn Session SLU Literacy Workshops</b></p> <p>Registration opens <b>22 February 2010</b>. For all details on registration go to: <a href="https://owrs.uws.edu.au/LSUWorkshops.asp">https://owrs.uws.edu.au/LSUWorkshops.asp</a></p> <p>Contact Jane or Dawn with any questions on 4736 0850 or email <a href="mailto:lsuworkshops@uws.edu.au">lsuworkshops@uws.edu.au</a></p>

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

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Course Information Centre  
1300 897 669  
[study@uws.edu.au](mailto:study@uws.edu.au)