



Degree in a Day

The University of Sydney Friday 28 November 2008 8.30am – 3pm

What is the University of Sydney's Degree in a Day?

The University of Sydney's Degree in a Day features hands-on tutorials, presentations, demonstrations and practical sessions that give you a taste of what you will experience at university. It's your opportunity to find out what studying for a degree at Sydney is like – all in one day!

How can I attend?

In order to attend, you must be nominated by your high school principal.

How do I register?

You need to register online at:

www.usyd.edu.au/futurestudents/degreeinaday

username: degreeinaday

password: e225

You must register by Friday 21 November 2008.

What are the elective sessions?

During the day you will attend a morning and an afternoon elective session. These sessions encompass a wide range of courses offered by the University of Sydney. A complete list of electives and what they entail is included in this program.

When you register online, you will be asked to select the elective sessions in which you would like to participate. Please provide a first and second preference for each time slot. Make your decision carefully because you cannot alter your selection once you have registered your preferences. We will try and allocate you into your first preference, but some of the sessions can only take limited numbers.

Will I receive a confirmation?

If you have registered successfully, a confirmation page will appear on screen with your contact details and the preferences you have chosen. You can print this page for your records. You will be advised of your elective sessions when you arrive.

What should I wear and bring?

School uniform is not required. Please wear comfortable, casual clothing and closed toe shoes. There is no need to bring food, as you will be supplied with refreshments when you arrive and lunch will be provided. If you have any special dietary requirements, please advise us when you register online.

Where is the University and how do I get there?

Degree in a Day is held on the Camperdown Campus, behind Victoria Park and between Parramatta Road and City Road, about 3km west of the Sydney CBD. STA buses run regularly along Parramatta Road and City Road from Central, Circular Quay and Town Hall railway stations. Redfern is the closest station to the University, about a 15 minute walk away.

The day will begin in the Eastern Avenue Complex. A campus map is available at:

<http://db.auth.usyd.edu.au/directories/map/largemap00a.html>

Please arrive between **8.15am and 8.30am**.

Any questions? Email: futurestudents@usyd.edu.au



The University of Sydney

Session electives

Insects – friend or foe?

Insects are the most diverse group of organisms on the planet and an important part of all terrestrial ecosystems. Some are major crop pests while others provide essential services as pollinators and weed controllers in natural and agricultural habitats. Learn how to distinguish insects from other invertebrate groups and to identify some of the common insect orders using an interactive key. You will also learn about opportunities to study plant protection and potential careers.

Afternoon

The riddling texts

When you see the sun amiss, and two monks' heads, and you figure out what I'm talking about, then riddles are your game. Dan Brown and JK Rowling aren't the only writers who have fun with riddling texts – so did lots of authors going back 1000 years. We will see how some major texts of the English literary tradition, from the Old Norse kennings through Shakespeare's sonnets, engage with this tradition. Donuts for everyone who solves a riddle (and also for those who don't!).

Afternoon

Terrorism: outside the law but under the spell of law

Your client, an Australian citizen, is being held in a military base at the Arctic Circle by foreign authorities who accuse her of being a terrorist sympathiser. She was captured in separatist territories during hostilities. Your client claims she was merely giving the separatists instructions on the law applicable in armed conflict. The nation holding her alleges she incited the separatists to target their soldiers, leading to 30 deaths. They claim neither their national law nor international law applies as sovereignty is yet to be established over the Arctic Circle. They also assert their right to hold your client indefinitely. Further, they claim your client's acts were terrorist in nature, meaning the usual legal protections do not apply to her. Craft a strategy to cut short your client's incarceration and enable her to return to Australia.

Morning



Life on a dig: archaeological investigations

Discover how archaeologists investigate ancient cultures by exploring Greek, Roman and Egyptian artefacts within the Nicholson Museum collection. Take a guided tour of the Nicholson Museum and the chance to handle genuine archaeological artefacts.

Morning & afternoon

A breathless pregnancy

Margaret Ward, a 32-year-old Indigenous Australian woman who is six months pregnant, has come to a country hospital acutely short of breath and in severe distress. With the help of current medical students you will follow the 'problem-based learning' method to make a diagnosis, practise cardiovascular examination and see the results of an ECG and a chest X-ray.

Morning & afternoon

Agricultural and resource economics: differentiate yourself in the global marketplace

Discover why graduates in agricultural economics and resource economics are in such strong demand in Australia and internationally, and what it is that makes them stand out in the crowd. Learn something about applying economic logic to perplexities facing agriculture and natural resources. This session provides a 'big picture' perspective and the opportunity to interact with senior academics, students and graduates.

Afternoon

The history of natural history

Explore the development of natural history studies and biology through the University's historic collections in the Macleay Museum. Discover the history of science and museums, and learn about the challenges for modern biology in identifying and classifying living species.

Morning & afternoon

Physics of the stars

See the black hole at the centre of our galaxy through a radio telescope, look at sunspots twice the size of the Earth and weigh Jupiter as we check out the physics of the stars with students and research astronomers from the Institute of Astronomy.

Morning & afternoon

Making drugs and medicines – how to be a pharmacist

Learn how to analyse paracetamol, make medicinal creams and pastes, learn about quality control in drug manufacturing and complete a case scenario on drug interaction.

Morning

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Catch that language!

You are about to walk 50 kilometres to a remote village in Papua Niugini to meet the last speakers of Language X. Just before you leave, an elderly missionary finally agrees to let you look at a battered old notebook. It's pure gold – a few sentences and translations into Language X. Without a photocopier you've got half an hour to crack the code before you head off into the jungle... Come along, solve the problem, and learn about the tools linguists use to investigate language.

Morning



Introducing architecture

Some of the country's leading architectural minds give an invigorating talk about what makes them passionate about architecture and design in a 30-minute lecture. This is followed by a 60-minute hands-on exploratory studio in which students are immersed into the world of the architect with a three-dimensional design challenge.

Morning

Embryo to adult: an introduction to development and learning

This is a fun introduction to research into human development for those considering careers in the human sciences (for example education, social work, medicine and nursing). Bring your questions to this highly interactive session – even the strange and weird ones about the body, brain, and behaviour you've always wondered about. Can you teach the unborn? Are girls smarter than boys? Are there proven ways of boosting brain power?

Morning

Psychology: a matter of the mind!

Psychology is a diverse subject that encompasses many aspects of animal and human behaviour. This workshop will give you a taste of some of the many sub-disciplines in psychology, utilising a range of mini-talks and activities.

Morning & afternoon

The Discovery Channel: domestic animals and wildlife in the age of genomics

Learn about domestic animals in the age of genomics and real world impacts of climate change as they relate to animal production, animal disease and public health. Genome sequences are now available for many species, most famously humans but also domestic animals and many species of micro-organism, including serious agents of disease. Find out how the genome sequences are useful for explaining function and variation in humans and animals and how comparative genomics allows us to better use this information. The fascinating world of crocodile genomics is a feature of this session!

Afternoon

Design computing

Design computing explores the creative possibilities of computer-based design focusing on four main areas: design, programming, interaction and modelling. Students will get the opportunity to engage in interactive design using Nintendo Wii controllers and a large scale interactive screen called a Smartslab.

Afternoon

Knowing the artist: art history and appreciation

Curators from the University Art Gallery will take you on a journey through the gallery and discuss the current exhibition 'Foresight: Works from the University of Sydney Union Art Collection'. Learn about issues curators face in exhibiting and maintaining an art exhibition.

Morning & afternoon

A visionary session into colour. How do you see red? Orthoptics can unravel the mystery!

How do you know that what you see as red is the same that someone else sees as red? This session will include some of the latest research that has been developed between the Discipline of Orthoptics at the Faculty of Health Sciences and the Faculty of Medicine to detect and assess subtle disorders of colour perception. Participate in a variety of activities that may change your view on the colour red!

Morning & afternoon

No bones about it!

Always wanted to work with animals? In this session you will visit the Vet Science Bone Room to participate in a tutorial followed by a tour of the Veterinary Teaching Hospital.

Morning

Please ensure you select different sessions for your morning and afternoon preferences when you register. You may only register your preferences once, so please choose carefully.





The
University
of Sydney

Friday 28 November 2008
8.30am – 3pm

Program

Arrival and registration	8.30am
Eastern Avenue Complex, Camperdown Campus	
Welcome address	9.00am
What is uni really like?	9.05am
Campus tour	9.20am
Morning electives	10.00am
Lunch	11.45am
Afternoon electives	12.30pm
Frequently asked questions – Year 12 and admission to University	2.30pm
Close	3.00pm

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If you have any questions, please call **1300 362 006** or email futurestudents@usyd.edu.au.