ABOUT THIS GUIDE

Welcome! This is your essential guide to undergraduate study at the University of Sydney. We hope it answers all your questions about studying here, as well as giving you an exciting glimpse into your future as a Sydney student.

This guide is divided into six sections so you can easily find what you need.

The first chapter (starting on page 2) tells you what it’s like to be a student at the University of Sydney.

The second section (page 23) is all about our courses. Read about the degrees offered by each faculty, and narrow down your preferences using the detailed course tables.

Then there are details about how to apply (page 54), special entry pathways, and specific requirements for certain courses.

Worried about how much uni costs? Find out what financial help we offer and other ways to fund your studies on page 62.

Financial assistance isn’t the only type of support available to you. Turn to page 67 to learn about the numerous other ways we look after our students.

To help you make the most of this guide, there’s a useful glossary of terms and a course index starting on page 70.

And don’t forget, personalised help is just a phone call or a click away. Call us on 1300 362 006 or ask a question at sydney.edu.au/future_students

FIND US ONLINE

facebook.com/sydneyuni
twitter.com/Sydney_Uni
youtube.com/uniofsydney

WATCH VIDEO AT sydney.edu.au/ug-videos

Whenever you see this icon it means you can watch a related video on our website. Explore videos of Open Day 2011, see the sights and hear what our students have to say at sydney.edu.au/ug-videos

EXPLORE STUDY ASSIST

The Australian government’s new Study Assist website explains everything you need to know about HECS-HELP and other ways to finance your tertiary studies. See www.studyassist.gov.au
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IMPORTANT DATES

2012
SATURDAY 25 AUGUST
University of Sydney Open Day
FRIDAY 28 SEPTEMBER
On-time applications close, through the Universities Admissions Centre (UAC)
Applications close for most University of Sydney scholarships

2013
THURSDAY 3 JANUARY *
Info Day at the University of Sydney
FRIDAY 4 JANUARY *
Last date for change of preferences through UAC main round
WEDNESDAY 16 JANUARY
Main round offers released online

WEDNESDAY 27 FEBRUARY TO FRIDAY 1 MARCH
Orientation Week
MONDAY 4 MARCH
Semester One begins

* Dates to be confirmed. For the most current information, please check our website: sydney.edu.au/dates
Here at the University of Sydney you’ll find a world of possibilities. We invite you to expand your horizons, and look forward to a future where you can make your own mark on the world.
Whether university is a stepping stone to the career you’ve always dreamed of, or an opportunity to figure out where your passions lie, we’ll support you all the way.

In world-class facilities, surrounded by the brightest minds and enthusiastic teachers, your passion and intelligence can combine to create something extraordinary.

Consistently ranked among the leading universities worldwide, we are known for our progressive teaching and active outlook on the world as a whole.

Our constantly evolving curriculum is fed by the latest research, influencing the teaching in our classrooms, labs, libraries, teaching hospitals, research farms, building sites and galleries. Everywhere you look, staff and students are doing amazing things.

Through community engagement, internships, placements, international exchange and industry-relevant coursework, our goal is to make you both employable and independent.

Life outside the classroom is just as dynamic. With hundreds of clubs and societies to join, sports fields and gyms, bands, bars and cafes, there’s always something to do on campus.

Above all, university is an opportunity to discover yourself. Take the plunge – embark on a lifetime of learning that will take you where you’ve always dreamed of going.

“The University of Sydney is very much in tune with student needs. Studying here has taught me to become an independent thinker, an invaluable skill that will help me in many aspects of my life.”

SAJINI NANAYAKKARA (LEFT) BACHELOR OF COMMERCE/ BACHELOR OF ENGINEERING (CIVIL)
When you study here, you become part of a community where people are valued for their diversity – where new ideas and unique perspectives are always welcome.

Hundreds of thousands of people have passed through our doors in the last 150 years. Many have gone on to achieve great things in Australia and around the world.

We believe that university should be an achievable goal for anyone with the talent and motivation to fulfill their potential. That’s why we welcome promising students from all social and cultural backgrounds, and support you in a multitude of ways while you’re here.

Our special entry schemes make access to university possible for people whose studies have been affected by various disadvantages. And we encourage Aboriginal and Torres Strait Islander participation at every level of our study, work and research.

We also offer more scholarships and financial assistance for our students than any other university in New South Wales (see page 63 for details).

Working alongside so many bright and inspirational people, you’ll have the best possible opportunity to broaden your mind, challenge stale ideas, and acquire a fresh, insightful view of the world while you work towards a highly regarded degree.

“When you walk around here there’s a strong sense of being part of something bigger than yourself, plus real pride in the range and quality of the facilities.”

JAMES ROBINSON (LEFT)
BACHELOR OF MEDICINE/ BACHELOR OF SURGERY (MBBS)
“This environment is truly a melting pot of different tastes and beliefs. It’s a great place to find supportive friends and collaborators who express their love of music in unique, weird and wonderful ways.”

RAINBOW CHAN (RIGHT)
BACHELOR OF ARTS
(HONOURS IN MUSIC)

“The University community is really fun, intellectually stimulating, unpredictable and multicultural. There are really great people to meet if you come here.”

DENIZ OZDIL (ABOVE)
BACHELOR OF ENGINEERING
(BIOMEDICAL)/BACHELOR OF MEDICAL SCIENCE

WATCH VIDEO AT sydney.edu.au/ug-videos
WHY STUDY HERE?

During your time here you’ll have a unique opportunity to learn from world-class teachers and researchers, people who not only pass on knowledge but also create knowledge. Sydney’s academics are improving lives wherever you look. Our scientists are developing cleaner fuels and more sustainable agriculture practices. Our engineers are pioneering innovative ways to use robotics that will improve human safety. Our health practitioners are fighting chronic diseases such as cancer and diabetes, while our lawyers are helping to shape public policy to support those in need. And that’s just a tiny fraction of what we’re currently working on.

OUR TEACHERS

We attract some of the best academics in the world: people whose passion and brilliance pushes them to the forefront of their field. That’s why they make great teachers.

“I love the academic environment – the discussions you have with the staff are fantastic. They’re at the cutting edge of their research and truly passionate about what they’re teaching.”

PHILIP CHAN
BACHELOR OF ARTS (MEDIA AND COMMUNICATIONS)/BACHELOR OF LAWS

The outstanding calibre of our academic staff means we consistently rank among the top one percent of research universities in the world. Major funding bodies and donors also recognise our research strengths, entrusting us with millions of dollars each year to pursue breakthroughs that will improve and transform our world.
“The campus is a place of debate and ideas, supporting a great diversity of views from faculties and the student body. The University’s size and ability to attract the best students and staff make for a rich teaching environment.”
“My degree allowed me to travel around Australia and the world researching a broad range of issues, from invasive species biology to infectious disease treatment. Without the opportunities and guidance I gained at Sydney, none of this would have been possible.”

DAVID LLEWELLYN
GRADUATE OF THE BACHELOR OF SCIENCE (ADVANCED) RHODES SCHOLAR
WHY STUDY HERE?

OUR STUDENTS

The University is currently home to 49,000 students. About 20 percent are from other countries, making this a truly international environment.

“...The Sydney Law School is a thrilling mix of first-class academia and sociable student community. It’s so exciting to have my intellectual legal abilities challenged during lessons, an experience I share and embrace with my classmates.”

GILLIAN GAN (BELOW)
BACHELOR OF INTERNATIONAL AND GLOBAL STUDIES/BACHELOR OF LAWS

The University of Sydney community values teamwork as highly as knowledge. Our students work together to enhance their learning experience. By getting involved in team projects and study groups, and being an active participant in classroom discussions, you can bring an extra dimension to your studies.

Surrounding yourself with other enquiring minds is the best way to give yourself the greatest chance of success at university. Your fellow students will challenge, inspire and support you.

What’s more, the social networks you establish at this vital stage of your life are very likely to generate career opportunities later on.

On a personal level, many of the friendships you form at university will remain with you long into the future.

Left: David is currently using his Rhodes Scholarship to research malaria vaccines at the University of Oxford.
YOUR FUTURE

Research shows that university graduates tend to receive higher salaries, greater access to skilled professions, and more opportunities to work overseas.

Whatever your motivation for embarking on tertiary education – and whatever degree you choose – your time at the University of Sydney will put you in a great position to discover and follow your ideal career path.

Employers want well-rounded individuals who don’t shy away from challenges, but embrace them as opportunities. At Sydney you’ll gain exactly this kind of confidence.

The activities you can enjoy outside the classroom, along with opportunities for internships and international exchanges, offer you a range of experiences that employers really value.

We also help you explore your personal career interests, and put you in the sights of potential employers through our Careers Centre (see page 67).

“Before I studied art, I believed art was a hobby. I now believe that without a healthy culture, society faces pretty serious dilemmas. And art is one of the cornerstones of a healthy culture.”

BEN QUILTY
GRADUATE OF THE BACHELOR OF VISUAL ARTS

Ben has been a full-time artist for 10 years and won the prestigious Archibald Prize in 2011.
University of Sydney graduates Jordan Raskopoulos, Benny Davis and Lee Naimo have already had three sell-out seasons at the Edinburgh Fringe as the Axis of Awesome, the self-described “world’s most awesomest comedy band”.

Lee and Jordan graduated from the University of Sydney in 2004 and 2005 with arts degrees, while Benny graduated with a music degree in 2007.

As the Axis of Awesome, their ‘Four Chord Song’ – a medley of more than 30 pop songs that all use the same basic chord structure – is one of the highest rated comedy videos of all time on YouTube, having notched up more than 20 million hits.

The trio recently picked up the Time Out Award for Best Australian Act at the Sydney Comedy Festival.

“The University of Sydney Union and being involved with things like Theatresports, SUDS [Sydney University Drama Society], stand-up comedy on campus, and building relationships with lots of people – these were really beneficial things about our time at university.”

AXIS OF AWESOME
The University of Sydney has several campuses and teaching facilities spread across greater Sydney, but most of our faculties and student support services are based on the Camperdown and Darlington campuses.

In many ways this campus is like a small town – it even has its own postcode. Although it’s just a 15-minute bus ride from central Sydney (or a 10-minute walk from Redfern train station), the campus is filled with its own services. There are shops, banks, a post office, doctors, chemists, bookshops, heaps of cafes and bars, and a security bus to get you around safely at night.
The University has an extraordinary mix of architecture, from the manicured lawns of the Quadrangle, above right, to the colourful artistry of the Graffiti Tunnel, above.

The Camperdown and Darlington campuses also house our library – the largest academic library in the Southern Hemisphere – where you can access literally millions of print and online resources.

Some faculties are based at the main campus but have specialist teaching areas elsewhere. For example, the Faculty of Agriculture, Food and Natural Resources and the Faculty of Veterinary Science make use of the extensive farms and research units at the Camden Campus (65km southwest of the city).

Other faculties have their own dedicated campuses. Sydney College of the Arts is based in Victorian buildings in Rozelle, while students at the Conservatorium of Music learn in a heritage building in the Royal Botanic Gardens, very close to the Sydney Opera House.

The Faculty of Dentistry is based in Surry Hills, opposite Central train station, and the Faculty of Health Sciences has modern facilities at Cumberland Campus, a short bus trip from Lidcombe train station.

“Being right in the heart of Sydney you are so close to everything: the cafes of Glebe, the shops of Newtown. There’s a real sense of energy and life.”

JULIAN DAY
MASTER OF FINE ARTS
Our University is far more than the sum of its campuses. At Sydney, you’ll find a thriving community with a vibrancy and character all of its own.

Student life is an integral part of the Sydney experience, and gives you so many personal and professional advantages.
Student life at the University of Sydney is vibrant and exciting, with countless events and opportunities to have fun. The diversity of our student community, 200+ clubs and societies, the famous Manning Bar, and successful sporting organisations mean that, as captivating as the academic offerings are, there is even more to learn outside the classroom.

Orientation Week is the perfect way to familiarise yourself with student life. You’ll meet representatives from the University of Sydney Union (USU), and discover the incredible variety of USU clubs and societies.

From the Amnesty International Society to Beat the System DJ and the Chocolate Appreciation Society, the vast array of activities gives you the opportunity to enjoy your favourite hobbies with like-minded friends, and make your time at uni so much more fulfilling.

Our student debaters are currently ranked number one in the world, while our Theatresports team is a hub of budding performers and comedians. When the time comes to celebrate the end of exams, or even just the end of the week, the Manning Bar is hugely popular not just among students, but also throughout the music scene. Regular events and high-profile gigs make it a hub of student activity.

If you enjoy politics, advocacy or event management, you can stand for election to USU, or join the Students’ Representative Council (SRC). Both student-run bodies are represented on the University’s top decision-making committees.

“The support we receive is really great. Each faculty has its own support team and the staff are always there to listen and help you out. They’re very understanding people.”

MARICEL MARIANO (LEFT)
BACHELOR OF SCIENCE/MASTER OF NURSING
“The AFL club has been a big part of my life, and living on campus at St Andrew’s College added an extra dimension to my university life – I absolutely loved it.”

JACK LAWSON (BELOW)
BACHELOR OF LIBERAL STUDIES (INTERNATIONAL)

GET SPORTY
There are plenty of ways to be active at the University of Sydney, whether you’re keen on social competition, elite sport or basic fitness.

Our campuses offer everything you need to get and stay fighting fit. There are great facilities, tailored fitness programs, and special scholarships for athletes through the Elite Athlete Program (see page 64), which has supported medal-winning Olympians and international rugby players and cricketers.

Sydney Uni Sport & Fitness runs two fully equipped fitness centres that offer gyms and weight rooms. You can also do laps in our Olympic-sized swimming pool, scale the climbing wall, team up with friends on the basketball courts or challenge them at squash.

If you prefer outdoor activities, there are several tennis courts, ovals and other green spaces where you can throw a frisbee or kick a football.

If competition is your forte, you could join a college- or faculty-based sporting club. Either way you’ll be surrounded by the best. Last year the University of Sydney was named Overall Australian University Sport Champions, our Football Club made its seventh straight Sydney Rugby Union premiership grand final, and the Sydney Uni Flames remained one of the most successful women’s basketball teams in Australia.
Outside of class the best part of my uni experience has been belonging to the fencing club. I’ve had the privilege of representing Sydney Uni at the Australian University Games. I even got to manage the team one year!

GRACE MACALPINE (RIGHT)
BACHELOR OF SCIENCE/
BACHELOR OF ARTS
If you have a desire to broaden your horizons and experience the world, you’ll find the University both recognises and supports this goal. We have more than 286 exchange agreements with top universities, and offer exchange programs, study abroad schemes, travel scholarships, international placements, and internships.

From New Zealand to Norway, China to Chile, all exchange experiences are personal and different.

Whether your main goal is to improve your language skills or experience life and make friends on the other side of the world, studying overseas is undoubtedly worthwhile.

Going on exchange enables you to live abroad and immerse yourself in another culture while advancing your university degree. Make the most of it!

sydney.edu.au/studentexchange
WHY STUDY HERE?

A WORLD OF OPPORTUNITIES

In 2009, architecture student Will Chan used a scholarship from the University to represent Australia at the UN-Habitat Global Studio program in South Africa. For four weeks he put his ideas into practice in the Diepsloot slums. This is his remarkable story.

As part of my university life, I’ve had some once-in-a-lifetime opportunities that are truly breathtaking.

During my second year at the University of Sydney I received a scholarship to visit the Diepsloot slums in South Africa as part of the UN-Habitat Global Studio program.

For four weeks I collaborated with other students to design creative solutions to strengthen Diepsloot’s cultural talents and bring the community together.

Our team designed an arts and cultural centre, using participatory and bottom-up design processes that involved the local residents and enabled sustainable practices, public education, and engagement with various universities.

The project was exhibited in the 2009 International Architecture Biennale in the Netherlands. After presenting the design to the South African government, plans are now underway to have the building constructed.

WATCH VIDEO AT sydney.edu.au/ug-videos
THE UNIVERSITY OF SYDNEY

INCLUDES
16 FACULTIES

EMPLOYS
7500 STAFF

EDUCATES
49,000 STUDENTS

HAS
7500 STAFF

FOR STUDENT EXPERIENCE SINCE 2006, RATED BY NATIONAL UNION OF STUDENTS

RANKED TOP 40 IN THE WORLD: QS RANKING 2011

IS

INCLUIDES

10,600 INTERNATIONAL STUDENTS, FROM 134 COUNTRIES

200+
CLUBS AND SOCIETIES

INCLUDING
4000 RESEARCH STUDENTS

AUSTRALIAN UNIVERSITY
SPORT CHAMPIONS
WHAT CAN I STUDY?

This section tells you about all the different study options we offer … and there are a lot. The University of Sydney stands out among Australia’s leading universities for the breadth of our subjects.

When you enrol for a course, you will be joining one of our 16 faculties. If you choose to study a combined degree, you will study within two faculties.

The table on pages 24 and 25 tells you what ATAR (or equivalent) you would have needed to enter a particular course in 2012. This will give you a rough idea of the ATAR you might need to apply in 2013.

The second part of this chapter (pages 26 to 43) gives an overview of each of our 16 faculties, ordered alphabetically. Next is a complete list of all the undergraduate courses we currently offer (pages 45 to 53).
This page tells you what Australian Tertiary Admission Rank (ATAR) you would have needed to gain entry for specific courses in 2012.

You should use this information as a guide only as to what may be required for entry in future years. Achieving the necessary 2012 grades will not guarantee an offer in 2013.

See page 45 for our complete A to Z course list, and don’t forget that we have a number of special entry pathways for students who may just miss the ATAR for their preferred course. See page 57 for more information.

<table>
<thead>
<tr>
<th>COURSE</th>
<th>ATAR</th>
<th>IB</th>
<th>DURATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agricultural Economics</td>
<td>80.70</td>
<td>31</td>
<td>4 years</td>
</tr>
<tr>
<td>Environmental Systems</td>
<td>83.05</td>
<td>32</td>
<td>3 years</td>
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<tr>
<td>Resource Economics</td>
<td>82.80</td>
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<tr>
<td>Science in Agriculture</td>
<td>76.55</td>
<td>29</td>
<td>4 years</td>
</tr>
<tr>
<td>Design in Architecture</td>
<td>96.95</td>
<td>40</td>
<td>3 years</td>
</tr>
<tr>
<td>Design Computing</td>
<td>80.15</td>
<td>31</td>
<td>3 years</td>
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<tr>
<td>Arts (Advanced) (Honours)</td>
<td>98.55</td>
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<td>Arts (Languages)</td>
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<td>Arts (Media and Communications)</td>
<td>98.50</td>
<td>42</td>
<td>4 years</td>
</tr>
<tr>
<td>Arts/Social Work</td>
<td>83.00</td>
<td>32</td>
<td>5 years</td>
</tr>
<tr>
<td>Economics</td>
<td>90.25</td>
<td>35</td>
<td>3 years</td>
</tr>
<tr>
<td>International and Global Studies</td>
<td>95.05</td>
<td>38</td>
<td>3 years</td>
</tr>
<tr>
<td>Liberal Arts and Science</td>
<td>70.05</td>
<td>25</td>
<td>3 years</td>
</tr>
<tr>
<td>Political, Economic and Social Sciences</td>
<td>85.05</td>
<td>33</td>
<td>3 years</td>
</tr>
<tr>
<td>Business (The University of Sydney Business School)</td>
<td></td>
<td></td>
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<tr>
<td>Commerce</td>
<td>94.05</td>
<td>37</td>
<td>3 years</td>
</tr>
<tr>
<td>Commerce (Liberal Studies)</td>
<td>97.50</td>
<td>40</td>
<td>4 years</td>
</tr>
<tr>
<td>Commerce/Arts</td>
<td>94.00</td>
<td>37</td>
<td>5 years</td>
</tr>
<tr>
<td>Commerce/Science</td>
<td>94.15</td>
<td>37</td>
<td>5 years</td>
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<tr>
<td>Dentistry</td>
<td></td>
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<tr>
<td>Oral Health*</td>
<td>see page 60</td>
<td></td>
<td>3 years</td>
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<tr>
<td>Education and Social Work</td>
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<td></td>
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<tr>
<td>Education (Early Childhood)</td>
<td>78.40</td>
<td>30</td>
<td>4 years</td>
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<tr>
<td>Education (Primary)</td>
<td>90.00</td>
<td>35</td>
<td>4 years</td>
</tr>
<tr>
<td>Education (Secondary: Human Movement and Health Education)</td>
<td>80.90</td>
<td>31</td>
<td>4 years</td>
</tr>
<tr>
<td>Education (Secondary: Humanities and Social Sciences)/Arts</td>
<td>80.30</td>
<td>31</td>
<td>5 years</td>
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<tr>
<td>Education (Secondary: Maths)/Science</td>
<td>82.45</td>
<td>32</td>
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<tr>
<td>Education (Secondary: Science)/Science</td>
<td>82.15</td>
<td>32</td>
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<tr>
<td>Social Work</td>
<td>81.60</td>
<td>31</td>
<td>4 years</td>
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<tr>
<td>Computer Science and Technology</td>
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<tr>
<td>Computer Science and Technology (Advanced)</td>
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<tr>
<td>Engineering (Aeronautical)</td>
<td>90.35</td>
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<td>4 years</td>
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<tr>
<td>Engineering (Aeronautical) (Space)</td>
<td>99.35</td>
<td>43</td>
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<tr>
<td>Engineering (Biomedical)</td>
<td>93.10</td>
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<td>4 years</td>
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<tr>
<td>Engineering (Chemical and Biomolecular)</td>
<td>86.80</td>
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<td>Engineering (Civil)</td>
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<td>35</td>
<td>4 years</td>
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<tr>
<td>Engineering (Civil) (Construction Management)</td>
<td>90.90</td>
<td>35</td>
<td>4 years</td>
</tr>
<tr>
<td>Engineering (Civil) (Environmental)</td>
<td>92.10</td>
<td>36</td>
<td>4 years</td>
</tr>
<tr>
<td>COURSE</td>
<td>ATAR</td>
<td>IB</td>
<td>DURATION</td>
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<tr>
<td>--------</td>
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</tr>
<tr>
<td>Engineering (Civil) (Geotechnical)</td>
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<td>4 years</td>
</tr>
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<td>Engineering (Civil) (Structural)</td>
<td>93.80</td>
<td>37</td>
<td>4 years</td>
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<tr>
<td>Engineering (Electrical) (Power)</td>
<td>90.15</td>
<td>35</td>
<td>4 years</td>
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<tr>
<td>Engineering (Telecommunications) (Electrical) (Computer)</td>
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<td>33</td>
<td>4 years</td>
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<td>Engineering (Mechanical)</td>
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<td>Engineering (Mechanical) (Space)</td>
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<td>Engineering (Software)</td>
<td>91.00</td>
<td>36</td>
<td>4 years</td>
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<tr>
<td>Engineering/Arts</td>
<td>90.40</td>
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<tr>
<td>Engineering/Commerce</td>
<td>94.45</td>
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<td>5 years</td>
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<tr>
<td>Engineering/Medical Science</td>
<td>92.25</td>
<td>36</td>
<td>5 years</td>
</tr>
<tr>
<td>Engineering/Project Management</td>
<td>92.00</td>
<td>36</td>
<td>5 years</td>
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<tr>
<td>Engineering/Science</td>
<td>90.15</td>
<td>35</td>
<td>5 years</td>
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<tr>
<td>Engineering (Civil)/Design in Architecture</td>
<td>97.25</td>
<td>40</td>
<td>5 years</td>
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<tr>
<td>Information Technology</td>
<td>92.00</td>
<td>36</td>
<td>4 years</td>
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<tr>
<td>Information Technology/Arts</td>
<td>98.35</td>
<td>42</td>
<td>5 years</td>
</tr>
<tr>
<td>Information Technology/Commerce</td>
<td>94.45</td>
<td>38</td>
<td>5 years</td>
</tr>
<tr>
<td>Information Technology/Medical Science</td>
<td>93.40</td>
<td>37</td>
<td>5 years</td>
</tr>
<tr>
<td>Information Technology/Science</td>
<td>93.05</td>
<td>37</td>
<td>5 years</td>
</tr>
<tr>
<td>Project Management</td>
<td>87.85</td>
<td>34</td>
<td>3 years</td>
</tr>
</tbody>
</table>

**Health Sciences**

- Exercise Physiology | 91.30 | 35 | 4 years |
- Exercise and Sport Science | 88.75 | 34 | 3 years |
- Exercise and Sport Science/ Master of Nutrition and Dietetics | 97.75 | 41 | 5 years |
- Occupational Therapy | 92.20 | 36 | 4 years |
- Physiotherapy | 98.35 | 42 | 4 years |
- Speech Pathology | 92.60 | 36 | 4 years |
- Diagnostic Radiography | 95.10 | 38 | 3 years |
- Health Sciences | 80.60 | 31 | 3 years |

**Law (Sydney Law School)**

Combined law – with Arts; Arts (Media and Communications)*; Commerce; Design in Architecture; Economics; Engineering*; Information Technology*; International and Global Studies; Political, Economic and Social Sciences; Science.

- 99.70 | 44 | 5 years | #6 years |

**2012 IB cut-offs are calculated using the 2012 conversion rate on the 2012 ATAR cut-offs.**

* Additional selection criteria apply. See page 60 for details.

**The Fully Flexible First Year Program allows you to decide your eventual engineering specialisation after completing one year of full-time study.**

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<table>
<thead>
<tr>
<th>COURSE</th>
<th>ATAR</th>
<th>IB</th>
<th>DURATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medicine (Sydney Medical School)</td>
<td>see page 60</td>
<td></td>
<td>4 years</td>
</tr>
<tr>
<td>Combined medicine (undergraduate) – with Arts (Advanced) (Honours); Commerce; Economics; Medical Science; Music Studies; Science (Advanced)*</td>
<td>see page 60</td>
<td></td>
<td>7 years</td>
</tr>
</tbody>
</table>

**Music (Sydney Conservatorium of Music)**

- Diploma of Music* | see page 60 | | 2 years |
- Music (Composition)* | see page 60 | | 4 years |
- Music (Music Education)* | see page 60 | | 4 years |
- Music (Musicology)* | see page 60 | | 4 years |
- Music (Performance)* | see page 60 | | 4 years |
- Music (Performance – Jazz)* | see page 60 | | 4 years |
- Music Studies* | see page 60 | | 3 years |
- Music Studies/Arts* | see page 60 | | 5 years |

**Nursing (Sydney Nursing School)**

- Arts/Master of Nursing | 80.15 | 31 | 4 years |
- Health Sciences/Master of Nursing | 81.65 | 31 | 4 years |
- Nursing (Advanced Studies) | 84.05 | 32 | 3 years |
- Science/Master of Nursing | 82.05 | 32 | 4 years |

**Pharmacy**

- Pharmacy* | see page 60 | | 4 years |

**Science**

- Liberal Arts and Science | 70.05 | 25 | 3 years |
- Medical Science (Year 1 entry) | 92.05 | 36 | 3 years |
- Psychology | 97.00 | 40 | 4 years |
- Science | 82.10 | 32 | 3 years |
- Science (Advanced) | 95.00 | 38 | 3 years |
- Science (Advanced Mathematics) | 98.35 | 42 | 3 years |
- Science/Arts | 80.50 | 31 | 4 years |
- Science/Master of Nutrition and Dietetics | 96.85 | 40 | 5 years |

**Veterinary Science**

- Animal and Veterinary Bioscience | 84.40 | 32 | 4 years |
- Veterinary Science | see page 60 | | 5 years |

**Visual Arts (Sydney College of the Arts)**

- Visual Arts* | see page 60 | | 3 years |
WHAT CAN I STUDY?

Because our teaching draws on cutting-edge research in areas such as food production, carbon cycling and environmental sustainability, you’ll be surrounded by new ideas from day one.

You’ll discuss those ideas with your teachers: experts who can help you tackle the problems our rapidly changing world needs to address. Our staff includes four of the Australian Research Council’s Future Fellows, who are conducting research in areas of critical national importance.

Each of our degrees is unique and tailored to meet your needs and those of your potential employers. You will learn how to apply scientific knowledge and principles to the management and conservation of the environment, sustainable agriculture, and natural resource management.

Meanwhile, our economics-focused programs will help you develop critical thinking and communication skills, with an emphasis on applying economics to energy, water, commodity markets and agricultural and natural resource issues.

We offer a unique program that allows you to develop your professional skills through work placements that count towards your degree. This means you can apply your knowledge to real-life situations and meet potential employers before you graduate.

You’ll also be able to complete a fourth-year research project (except in the Bachelor of Environmental Systems) – a great opportunity to refine your written and analytical skills.

YOUR FUTURE

A Sydney degree in the agricultural and resource fields can lead to work in a wide range of public and private sector fields, such as commodity trading, international development, economic research, journalism, plant breeding, agronomy, water management, environmental sustainability and carbon research.

Whichever field you choose, you’ll find that demand for our graduates outstrips supply. Our surveys show that graduates find employment quickly, with almost 80 percent in paid employment after three months and earning higher-than-average starting salaries.

The environment, food, water and energy are critical to all our futures. We can equip you with the knowledge and skills to contribute to the sustainable development of our planet and protect the future of our world.

AGRICULTURE AND ENVIRONMENT
sydney.edu.au/agriculture

Fourth-year agricultural science student Ash Zamak has travelled to Laos as part of her studies and hopes to work in international development.

WATCH VIDEO ONLINE

COURSE LISTINGS
See our complete A to Z course list from page 45

CAMPUS
Camperdown/Darlington, Camden, Australian Technology Park
Our courses can help you develop the skills to design the built and virtual spaces where we will live, work and play in the future.

You’ll learn in our outstanding design studios and laboratories, supported by state-of-the-art computing and digital fabrication facilities and taught by some of the world’s leading researchers and practitioners.

We want you to look at our world differently, so we encourage a focus on design quality. In fact, our architecture program is the only one in Australia that includes mandatory art workshops, while our design computing courses offer a unique blend of creative and technical studies.

Our rich student life encourages you to engage in additional creative pursuits such as music, drama and set design, and you can choose from an array of art and graphic design electives.

Together, our students and staff tackle challenges critical to all of our futures, through government-funded research in areas such as affordable housing, sustainable urban design, interactive information design and community involvement in designing public works.

YOUR FUTURE

Our graduates are making a difference across the world. Examples include Louise Cox, current president of the International Union of Architects; Andrew Andersons, who oversaw the design of the Beijing Olympics Water Cube swimming complex; and Paul Pholeros, HealthyHabitat founder and Indigenous housing pioneer.

In response to a shortfall in the marketplace for designers with technical and programming knowledge, our design computing courses prepare you to enter a wide range of fields. These include:

- marketing communications
- graphic design
- app and game development
- web design and development
- interaction design
- information design and analysis and
- fields that don’t even exist yet!

We have grand designs for your future. Our graduates have been changing the look of Australia and beyond for 90 years. By joining them, you could influence vital debates about the designed environments that surround us.
Let your mind explore the humanities under the guidance of some of the best academics in the country. Whether your interest is social or political science, economics, media, communications, languages or cultures, you can tailor your ideal degree.

If you choose to study arts and social sciences at Sydney, you should expect a rigorous challenge that will inspire you to develop new ways of tackling problems.

Also expect to be thrilled by our range of study options, some of which are exclusive to the University of Sydney. Whatever your route, your teachers will lead you on a journey of discovery unlike any other, thanks to their extensive specialised insights.

We are consistently strengthening our excellent reputation for teaching and research: in 2011 we welcomed the discipline of economics to our program, and were renamed the Faculty of Arts and Social Sciences. We are now positioned to deliver even more cross-disciplinary insights.

We are based in the historic Quadrangle, right in the heart of campus. So if you choose to pursue a combined degree – such as our competitive law and medicine programs – you will find those faculties close by.

You can be sure to receive plenty of support adjusting to university life through programs such as our first-year mentoring scheme. We can also open up a world of opportunities for you if you choose to study at one of our 150 overseas exchange partner universities.

YOUR FUTURE
After completing a degree in arts and social sciences, you will be recognised by employers as someone with excellent communication, research and analytical skills – all of which are highly sought-after attributes in the business world.

We’ve helped sharpen the minds of some of Australia’s most prominent thinkers, such as Germaine Greer, whose stimulating ideas still resonate today, John Bell, who has made Shakespeare relevant and exciting to contemporary audiences, and Arts/Law graduate James Wolfensohn, who became known as ‘banker to the world’ as president of the World Bank.
“I loved learning about philosophy and having the space to think about thinking. Getting the chance to have a world-class education and the freedom to make an impact on our society will be something I will remember forever.”

Jack Manning Bancroft is the founder of AIME, the Australian Indigenous Mentoring Experience.

JACK MANNING BANCROFT
GRADUATE, MEDIA AND COMMUNICATIONS
The Business School is more dynamic and industry-connected than ever before. Our courses immerse you in real-world business, integrating worldwide internships and placements, and giving you the ultimate 360 degree platform from which to launch your career.

The University of Sydney Business School gives you access to our leading academic and business communities, provides you with a passport to a global network of high-achieving and successful alumni, and offers you the best possible career opportunities.

The Business School has attained accreditation from the peak European (EQUIS) and North American (AACSB International) bodies, assuring the excellence of our teaching and research standards among Australian institutions.

We are also the only Australian business school admitted to CEMS, the Global Alliance in Management Education, which partners with more than 50 of the world’s top multinational corporations to provide opportunities for current students and alumni to further their career.

The Business School collaborates closely with organisations in business and government sectors, and is involved in extensive consultancy projects. Our research into business practice, public policy and regulation is also very highly regarded by the wider business and government communities.

Our world-class research informs our teaching programs, giving you access to new ideas and enabling you to develop your own insights into how commerce impacts our world.

Our programs offer a strong commercial grounding in business fundamentals. Their flexibility means you can specialise in the areas that interest you most, tailoring your degree to achieve your career aspirations and develop skills that are highly valued by employers across a wide range of industries.

YOUR FUTURE
Our Business School alumni include some of the most successful individuals in Australia and abroad. Belinda Hutchinson AM and Larry Kwok both began their journeys to success through their business studies at the University of Sydney. Belinda Hutchinson is one of Australia’s foremost business leaders and chair of an ASX 100 company. Larry Kwok is one of Hong Kong’s most respected corporate attorneys and managing partner for mainland China and Hong Kong with a leading international law firm.
Our innovative dentistry programs build on more than a century of excellence in dental education to produce exceptional dentists, oral health professionals, dental specialists and research degree candidates.

The Faculty of Dentistry is dedicated to improving people’s oral and general health. To support this goal, your studies will involve a blend of clinical, medical and dental science. We will challenge you to develop skills in critical analysis, teamwork and problem solving. Our courses are academically rigorous – you need to pass all subjects to progress to the next year – and also stimulating, supportive and social.

Teaching is provided in two major teaching hospitals (the Westmead Centre for Oral Health and the Sydney Dental Hospital), as well as metropolitan and rural clinics, where you’ll regularly practise your skills.

The three-year Bachelor of Oral Health teaches dental hygiene, dental therapy, and oral health promotion and education. The course sets the benchmark for oral health graduates. A growing number of services in the public sector and dentists in private practice require practitioners with the skills you will learn.

We also offer a four-year graduate-entry course (for those who’ve already completed an undergraduate degree), the Doctor of Dental Medicine, which blends learning in the life sciences, professional practice, research and clinical and dental science and experience, to produce dentists of the highest calibre.

**YOUR FUTURE**

If you choose the oral health course, you will graduate with a respected qualification enabling you to work as an oral health hygienist or therapist with skills in oral health promotion and education.

If you go on to complete the Doctor of Dental Medicine you will then graduate as a fully qualified dentist.

Depending on your passions and goals, your career as a dentist may lead you into a mix of private and public sector practice. Either way, your degree from Sydney, which is informed by the full spectrum of research-intensive disciplines, will equip you to become a highly skilled and reflective practitioner.
“When I thought about what I could be for the rest of my life, there was a simple answer: teaching! Thanks to the caring, dedicated staff and great courses here I have had the opportunity to fulfil my dream. Five years study sounds like a long road, but I’m loving every minute of it.”

KATHRYN GENTHNER
BACHELOR OF EDUCATION/BACHELOR OF ARTS
WHAT CAN I STUDY?

EDUCATION AND SOCIAL WORK
sydney.edu.au/education_social_work

Shape society, change destinies and save lives. As a teacher or social worker you’ll have the potential to achieve remarkable things. You’ll be in a league of your own, armed with the ability to play a crucial role in our modern world.

At the Faculty of Education and Social Work you will develop the skills and knowledge to make a real difference to other people – either by helping to develop young minds or by finding ways to improve the prospects of people who are disadvantaged in our society.

Our rigorous, innovative courses focus on providing professional experience, and employ cutting-edge methodologies. Our researchers attract national and international praise for their leadership in teaching and scholarship.

This vital research work informs our teaching, and empowers us to contribute to national debates and conduct studies across areas ranging from early literacy to classroom discipline, sociology, sex and gender studies.

You will learn in an environment ranked A1 for teaching and learning by the federal Department of Education, Employment and Workplace Relations, making it the ideal preparation for a career in teaching or social work.

Get the most out of your studies by choosing from a diverse range of specialties. Our unparalleled number of course combinations allows you to tailor your degree to achieve your goals.

In recognition that we all learn from each other, we have a first-year mentoring program that provides a highly supportive learning environment for new students.

YOUR FUTURE
You will graduate with a globally recognised degree. Our courses are accredited by relevant bodies: the NSW Institute of Teachers and the Australian Association of Social Workers.

You can expect to earn around $50,000 as a graduate teacher, which will increase as you gain experience.

Our social work graduates have real-world problem-solving and communication skills in key areas including health, ageing, child and family, drug and alcohol and women’s services. You could follow in the footsteps of Emily Moran, one of our recent social work graduates, who has already been named UK Social Worker of the Year.

Alex Wharton is studying for a combined degree in education and arts. He was inspired to become a teacher when he realised the power of education to change the world.

COURSE LISTINGS
See our complete A to Z course list from page 45

CAMPUS
Camperdown/Darlington
WHAT CAN I STUDY?

In the 2011–12 Times Higher Education World University rankings our faculty was placed in the top 35 engineering and technology faculties in the world. Our diverse degrees span important areas such as energy, sustainability, power, robotics, steel structures, space, high-performance computing, computer science, medical imaging, biomedical engineering and much more. Developed in response to industry demand, our new project management degree uses multidisciplinary theories and practical skills from a wide range of fields to develop holistic professionals capable of managing projects of any kind.

Studying with us will develop your skills of analysis and invention so you can effectively design, create and build structures, systems and products that matter. Right now we’re working to develop a greener recycling system, create sustainable energy alternatives, and design artificial joints and limbs, among many other exciting projects.

You can transfer, either at the end of your first semester or at the end of your first year, to one of the many specialisations we offer. You will still complete your degree in the normal time, gain in-depth knowledge, and be fully qualified in the area of your choice. Alternatively, you can choose to broaden your career options by combining an engineering or IT degree with studies in project management, commerce, arts, science, medicine, architecture or law.

YOUR FUTURE

You will have excellent employment prospects as well as work-ready qualifications that are recognised worldwide. Our engineering degrees are accredited by Engineers Australia, and our IT degrees by the Australian Computer Society. However you choose to structure it, your degree will offer you versatility and diversity. One day you could be crunching data gathered from robot trials, or testing chemical sprays in a lab, and the next day putting your ideas into practice in a paddock in rural NSW. The possibilities are endless.

ENGINEERING AND INFORMATION TECHNOLOGIES
sydney.edu.au/engineering

In a global economy that places a premium on skills and innovation, well-qualified engineers, IT professionals and project managers are in high demand. Join our team of independent thinkers who tackle the difficult questions and deliver sustainable solutions.

In the 2011–12 Times Higher Education World University rankings our faculty was placed in the top 35 engineering and technology faculties in the world. Our diverse degrees span important areas such as energy, sustainability, power, robotics, steel structures, space, high-performance computing, computer science, medical imaging, biomedical engineering and much more. Developed in response to industry demand, our new project management degree uses multidisciplinary theories and practical skills from a wide range of fields to develop holistic professionals capable of managing projects of any kind.

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If you’re not sure which area to specialise in, our Flexible First Year program lets you discover where your strengths and interests lie before committing to a particular stream.

Mink San is studying for a combined degree in chemical engineering and commerce. She is particularly interested in how ‘green engineering’ can provide answers to many of the environmental problems we face.

You can transfer, either at the end of your first semester or at the end of your first year, to one of the many specialisations we offer. You will still complete your degree in the normal time, gain in-depth knowledge, and be fully qualified in the area of your choice. Alternatively, you can choose to broaden your career options by combining an engineering or IT degree with studies in project management, commerce, arts, science, medicine, architecture or law.

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COURSE LISTINGS
See our complete A to Z course list from page 45

CAMPUS
Camperdown/Darlington
A health sciences degree from Sydney will give you the skills to help make our healthcare system work efficiently. Whether you choose to work as a health practitioner or in a corporate role, you’re going to be in high demand.

Based on a dedicated campus near Lidcombe, the Faculty of Health Sciences has strong relationships with some of Australia’s best hospitals and treatment centres. Your learning is supported by purpose-built laboratories, on-site health clinics, an extensive library and sports centre. You can choose between profession-specific study or a broad degree with courses tailored to your interests to prepare you to enter one of the corporate roles that keeps the health system running. Either way, you’ll gain significant real-world practice, such as by getting involved in international projects or schemes supporting Indigenous Australians.

You will be taught by experts in nine key disciplines: Behavioural and Social Sciences, Exercise and Sport Science, Health Informatics, Medical Radiation Sciences, Occupational Therapy, Orthoptics, Physiotherapy, Rehabilitation Counselling and Speech Pathology.

Our students and staff are united by their desire to improve health services within Australia and internationally. We monitor global trends and work hand-in-hand with the health profession to ensure our programs are relevant to the changing nature of health care. For example, one of our speech pathology experts developed a world-first treatment for stuttering in children, which is now used globally. Other researchers are leading the field by finding ways to alleviate the painful, long-term musculoskeletal problems experienced by many cancer survivors.

YOUR FUTURE
The number of health industry professionals has increased by more than 40 percent in the past decade. Their roles are key to tackling the rise in chronic health conditions.

With one of our professional preparation courses you can put your skills into practice immediately after graduating. Alternatively, our Bachelor of Health Sciences lets you explore more widely, after which you can choose a non-clinical corporate health role or apply for one of our 10 graduate-entry master’s courses, which equip you to practise in your chosen field.

HEALTH SCIENCES
sydney.edu.au/health_science

Anna Smith completed a Bachelor of Applied Science (Occupational Therapy) with honours, and is now employed as a paediatric occupational therapist at the Sensory Gym, assisting children who are experiencing challenges associated with various disorders.
WHAT CAN I STUDY?

At Sydney Law School your teachers include world-leading experts who actively engage in the legal and public policy debates that matter in today’s world.

For example, one of our professors is providing the legal system with vital analysis of the effects of parental separation on adults and children. Other academics are helping developing countries overhaul their taxation systems, and investigating creative legal solutions to the challenges posed by global warming.

Just as their work crosses academic disciplines, our combined law program allows you to study the Bachelor of Laws (LLB) in conjunction with a degree from several other faculties. If you already have an undergraduate degree, you should consider our Juris Doctor graduate-entry degree program (see our website for details).

As you develop the critical legal skills of analysis, research, writing and advocacy, you’ll interact with other members of the faculty in our state-of-the-art building, located in the heart of the main campus.

Beyond the campus, our social justice program gives you practical legal experience as you provide vital services to disadvantaged members of the local community.

YOUR FUTURE

Sydney Law School makes a significant contribution to the Australian judiciary, politics and public life. Many of our graduates are leaders in their fields, and include prime ministers, global finance leaders and senior judicial figures.

A Sydney law degree is recognised for the purposes of practising law in New South Wales. Subject to additional requirements, it may be recognised in other Australian states and territories and overseas.

Our graduates don’t just make a difference as practising barristers or solicitors. More than half gain employment in key positions as corporate counsel, public policy advisers, teachers, investment bankers, journalists and more. Studying law at Sydney opens the door to a world of possibilities.

We prepare lawyers who relish working across national boundaries and different legal systems to meet the challenges of the 21st century. We want people who are prepared to debate with the best. Are you ready to join this vibrant community?

LAW
sydney.edu.au/law

Students in the Law School’s world-class moot court, which plays an important part in our teaching programs in litigation and dispute resolution.

COURSE LISTINGS
See our complete A to Z course list from page 45

CAMPUS
Camperdown/Darlington
At Sydney Medical School you will be exposed to clinical teaching and research across a wide spectrum, from high-level hospital care to rural and remote community health.

The Sydney Medical Program provides a unique learning environment. As a graduate entry program it attracts a diversity of students from different professional, academic and cultural backgrounds. Our emphasis is on small group learning which stimulates sharing of experience and knowledge.

You’ll be able to apply your skills and knowledge in real-life settings throughout your degree. Exposure to actual patient cases allows you to integrate the foundation sciences into diagnosis and treatment plans. Even during your first two years you will enhance the knowledge you gain in lectures and laboratories through interactions with patients in our clinical schools, some in rural and remote locations, others in the most advanced hospitals in Australia.

You’ll be able to use the guidance of your teachers – also top researchers and clinicians – to develop your own research projects in areas affecting millions of lives, such as cancer, obesity, heart disease, infectious diseases and mental illness.

You will also have the opportunity to experience health care with our partner hospitals and universities in Asia, Europe and North America.

We have a strong focus on Indigenous health, and welcome students from all backgrounds, including Australian Indigenous communities and rural areas, to join our vibrant and diverse student body.

YOUR FUTURE

You will graduate with the clinical and research skills to be an exceptional health and medical professional. You will be a critical thinker, able to effectively evaluate new knowledge in a field where new discoveries are made every day. You’ll be well placed to follow in the footsteps of your predecessors at the Sydney Medical School who went on to make major breakthroughs that have changed medical practice and understanding worldwide.
The Sydney Conservatorium of Music is a creative hub for musicians, scholars and the public – an inspiring and magical place where the professional musicians of tomorrow can develop their skills to the highest level.

Located in the heart of Sydney’s thriving centre, just minutes from Circular Quay and the Opera House, the Sydney Conservatorium of Music is Australia’s most iconic music institution. Our graduates are some of this nation’s most prestigious fine music performers, composers, teachers and scholars.

As a Conservatorium student you can pursue your musical passions within our flexible music programs, specialising in areas such as composition, performance, musicology or music education, while taking full advantage of the resources offered by one of Australia’s largest universities.

Performance opportunities are fundamental to our degrees, and through our extensive ensemble program you can engage with a broad range of repertoire from Rameau to Reich, vital to your career as a professional musician. Ensembles include chamber and symphony orchestras, early music, jazz big band, choral, opera and modern music.

Performance opportunities are fundamental to our degrees, and through our extensive ensemble program you can engage with a broad range of repertoire from Rameau to Reich, vital to your career as a professional musician. Ensembles include chamber and symphony orchestras, early music, jazz big band, choral, opera and modern music.

Our highly innovative and creative graduates have gone on to careers with Opera Australia, the Sydney Symphony Orchestra, the Australian Brandenburg Orchestra, and the Australian Chamber Orchestra, to name just a few. Many are currently performing in ensembles and orchestras across Europe, the United States and Asia.

Come and share the music!

**YOUR FUTURE**

You will be well equipped for a career as a professional musician, but will also have the opportunity to enter related careers such as arts management, cultural planning and policy development, broadcasting and music education.

**COURSE LISTINGS**

See our complete A to Z course list from page 45

**CAMPUS**

Macquarie Street

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Aina Zamfir is studying a Bachelor of Music (Performance). In her own words: “Studying at the Con has shown me a variety of musical styles and career possibilities I never dreamed of. Working with accomplished musicians, pedagogues and fellow students makes this a rare nurturing environment for any aspiring musician.”

sydney.edu.au/music
The world is opening up to different possibilities in health care. Our pre-registration nursing programs equip you with the practical experience and academic knowledge to lead the future of nursing.

Sydney Nursing School provides unique pre-registration nursing programs that will prepare you for leadership in clinical practice and research. As a small faculty, we offer a collegial, stimulating and supportive environment for students.

You’ll gain extensive clinical experience through placements in a range of health settings and use specialised equipment such as computerised manikins at our dedicated campus.

Our strong ties with the University’s other health faculties give you access to world-leading clinical schools. You may work alongside other health students and professionals in city teaching hospitals and rural/remote health care facilities.

Our new three-year Bachelor of Nursing (Advanced Studies) degree introduces you to nursing through clinical practice and theory, with a focus on leadership, evidence-based practice and research. It will develop your capabilities as an enquiring, globally-aware health care professional.

Our four-year combined degree program allows you to broaden your studies with a degree from the faculties of Arts and Social Sciences, Health Sciences or Science.

You’ll be able to explore specialist areas of nursing practice, tapping into our growing research expertise in chronic disease, maternal and women’s health, cancer and palliative care, mental health, intensive care, trauma and emergency.

Our teachers include world-renowned academics and clinical experts, many of whom are writing key health textbooks and driving health policy locally and internationally. Others are working at front-line health care services and engaging in research, making real differences to the health care landscape and bringing innovation to your learning experiences.

YOUR FUTURE
Our programs are accredited by the Nursing and Midwifery Board of Australia. Most of our graduates go on to work in public and private hospitals, in areas such as paediatric nursing, trauma and emergency, acute care, cancer, intensive care, mental health nursing and aged care.

Our nursing programs also create professional opportunities beyond practice nursing, including health media, pharmaceuticals, clinical trials, forensic science, overseas aid and policymaking.

Rebecca Elfes has had endless opportunities to develop the knowledge and skills to pursue a successful and rewarding career in nursing. She is particularly interested in humanitarian aid and disaster relief and hopes to work as a registered nurse with the Australian Defence Force when she finishes her combined nursing degree.
WHAT CAN I STUDY?
The Faculty of Pharmacy is recognised as a leading teaching centre with an outstanding reputation for research and innovation in Australia and overseas. Our world-renowned academics lead their fields, pursuing projects in areas such as cancer research, asthma, diabetes and drug design and discovery. You will work alongside them and gain your own research experience through the honours study options we offer.
Your teachers will steer you through the chemical, physical, pharmaceutical and pharmacological properties of medicinal substances. The practical experience you will gain in a variety of clinical settings, including industry, rural and overseas opportunities, will allow you to put your knowledge into action and develop important interpersonal skills.
You’ll work alongside your fellow students to determine how best to treat patients, drawing on the latest knowledge and making the most of clinical placements.

YOUR FUTURE
Our pharmacy students go on to great things. Claire O’Reilly is a graduate previously named Young Pharmacist of the Year by the Pharmaceutical Society of Australia, just three years after completing her degree. She’s now back with us, completing her PhD in mental health.
Our goal is to equip you with a degree that will place you in high demand among employers, as well as providing an intellectually, socially and culturally rewarding education that will set you on the right path to becoming a leader in your profession.
Whether you decide to register as a pharmacist in a community or hospital setting, enter the pharmaceutical industry, work for government agencies or contribute to research and academia, you will have the ability and expertise to help improve the wellbeing of the nation.
A degree from the Faculty of Science will teach you how to apply existing knowledge and critical reasoning to improve our world. You will use sophisticated equipment and state-of-the-art facilities, many of which are the best in the Southern Hemisphere.

Our teachers include world-class academics who are pushing the frontiers of science. Some are at the forefront of research seeking to prevent the chronic conditions of diabetes and obesity from affecting millions of people. Others are leading Australia’s advances in communications through photonics research, while our physics stars are helping us to understand the evolution of the universe.

Their breadth of expertise is reflected in the flexibility of our study options. You can take a generalist degree such as the Bachelor of Science, choosing from more than 30 possible majors, or a more specialised degree tailored to a specific interest or career path.

You also have the option to combine your degree with studies from another faculty, or complete your course at a challenging advanced level.

Top students may be invited to join our individually tailored Talented Student Program, where you can work alongside practising scientists on projects with real-world impact.

We’ll give you the chance to excel, as did the winner of the 2010 NSW Rhodes Scholarship, David Llewellyn who is now studying at the University of Oxford. David’s enthusiasm is fuelled by a determination to develop a vaccine for malaria.

YOUR FUTURE

Employers worldwide value our graduates for their teamwork, problem-solving abilities and exceptional quality of thought.

Your skills and knowledge will prepare you for specialised scientific work or research, but could be equally well applied in a wide range of other fields, such as government, finance, management and journalism.

Science applies to our lives in so many ways: we use it to prevent and cure diseases, conserve resources, understand human behaviour and much more. A science degree will empower you to pursue a meaningful career full of exciting discoveries.

SCIENCE
sydney.edu.au/science

COURSE LISTINGS
See our complete A to Z course list from page 45

CAMPUS
Camperdown/Darlington
WHAT CAN I STUDY?

The Faculty of Veterinary Science is recognised internationally as a leading provider of education in areas ranging from animal reproduction to parasitology. Our award-winning academics are researching problems unique to Australian wildlife, for example through their involvement with the Australasian Wildlife Genomics Group, which is investigating the tammar wallaby and platypus genome. Their research directly informs our innovative teaching programs. You will benefit from cutting-edge facilities located at our main campus, as well as a teaching hospital and rural facilities at Camden on Sydney’s outskirts.

If you choose a Bachelor of Veterinary Science you will study farm animals, companion animals, racing animals and exotic and native species. You’ll face new challenges daily – from practical classes and lectures to putting animal husbandry theory into practice during external work placements. In the last year of your degree you’ll take on clinical rotations, consolidating what you’ve learned and sharpening your skills for unsupervised cases.

If you choose the Bachelor of Animal and Veterinary Bioscience, you will build on a strong science foundation to focus on animal nutrition, health, reproduction and genetics and complete a large amount of practical work in animal-related industries. In your last year you’ll do a research project, specialising in new and emerging areas such as assisted reproductive technology or the genetic basis of disease.

YOUR FUTURE

Our veterinary science graduates are eligible for registration with the relevant veterinary board in each state and territory. The course is also recognised internationally by the Royal College of Veterinary Surgeons (UK) and is accredited by the American Veterinary Medical Association (AVMA).

Our animal bioscience graduates work across a broad range of disciplines in cities, rural areas and overseas. The degree is an excellent path to careers in the animal industries, agribusiness, government, research and education.
Sydney College of the Arts (SCA) has a prestigious history of educating many of Australia’s most successful contemporary visual artists, helping them to realise their aspirations and develop their communication, intellectual and cultural skills. We’ll prepare you for future success, whether you decide to follow a path in visual arts or apply the skills and knowledge you have gained in other professional areas.

Our excellent reputation derives from high-quality teaching for more than 35 years and a track record of consistent achievement for our staff, students and graduates. Many have gone on to make an indelible mark on the art world. Our graduates include prominent people such as:

– Ben Quilty (winner of the 2011 Archibald Prize and 2009 Doug Moran National Portrait Prize)
– Shaun Gladwell (2009 Venice Biennale)
– Fiona Foley (2010 Biennale of Sydney)
– Rosemary Laing (2007 Venice Biennale) and
– Marc Newson (Creative Director of the 2011 Sydney New Year’s Eve firework display and 2005 Time magazine’s top 100 most influential people in the world).

As an SCA student you will benefit from high-quality studio and campus facilities housed in the historic Kirkbride buildings in Rozelle, overlooking Sydney Harbour at Iron Cove.

Your practical studio work will be supported by programs covering theory and art history. We regularly host contemporary art exhibitions, and welcome visiting professional artists and researchers from around the world.

YOUR FUTURE
Our flexible course structure allows you to keep your career choices open. We’ll provide you with the conceptual and technical skills to work as a contemporary artist or to establish an art, media or design practice.

You’ll also be well qualified to work in a wide range of culture-related fields, including art education and administration, curation, website design, interactive design, and publishing.

COURSE LISTINGS
See our complete A to Z course list from page 45
CAMPUS
Rozelle
“My course has given me a forum to test my ideas against bright and interested minds, forcing me to be creative about how I express and explore them. The size of the student community is a real advantage, as it increases the flow and diversity of ideas.”

HILARY BRETAG
BACHELOR OF LIBERAL STUDIES (INTERNATIONAL)/ BACHELOR OF ARTS
These tables list all the undergraduate courses you can study at the University of Sydney during 2013. It includes information on the duration of each degree, assumed knowledge, and the ATAR you would have needed to apply in 2012.

You should consider the ATAR figures as a guide only as to what may be required for entry in 2013, because some of the figures will vary. Cutoffs depend on demand for the course in each particular year.

Duration is given in years, full time (F) or part time (P) if that option exists.

In some of our courses, you will find it useful to have studied certain subjects at school (referred to as ‘assumed knowledge’). Such subjects aren’t compulsory but they are highly recommended.

If you have any questions, please call our helpline on 1300 362 006 or ask a question on our website sydney.edu.au/future_students

### COURSE LIST

<table>
<thead>
<tr>
<th>COURSE</th>
<th>YEARS</th>
<th>ASSUMED KNOWLEDGE</th>
<th>MAJORS</th>
<th>ATAR</th>
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</thead>
<tbody>
<tr>
<td>Bachelor of Agricultural Economics</td>
<td>4F/8P</td>
<td>Mathematics</td>
<td>Agribusiness, agricultural economics, agricultural finance, agricultural marketing, agricultural science, commercial law, econometrics, economics, finance, geography, government and international relations, management, marketing, psychology. Subject to ATAR: accounting.</td>
<td>80.70</td>
</tr>
<tr>
<td>Bachelor of Animal and Veterinary Bioscience</td>
<td>4F</td>
<td>Mathematics and Chemistry Recommended: Biology</td>
<td>Animal behaviour and welfare; animal biotechnology; animal genetics; animal health and diseases; animal nutrition; animal reproduction; animal structure and function; aquaculture; cattle, pig, poultry and sheep science and production.</td>
<td>84.40</td>
</tr>
<tr>
<td>Bachelor of Applied Science (Exercise and Sport Science)</td>
<td>3F</td>
<td>Chemistry and Mathematics Recommended: Physics</td>
<td>Anatomy, biochemistry, biomechanics, learning and control of human movement, nutrition, physiology/exercise physiology, and the application of these fundamental sciences to ageing, exercise, public health, rehabilitation, research and sport.</td>
<td>88.75</td>
</tr>
<tr>
<td>Bachelor of Applied Science (Exercise and Sport Science)/ Master of Nutrition and Dietetics</td>
<td>5F</td>
<td>Chemistry, Mathematics Recommended: Physics</td>
<td>Biology, biomechanics, chemistry, dietetics, food science, nutrition, physiology/exercise physiology and sport science.</td>
<td>97.75</td>
</tr>
<tr>
<td>Bachelor of Applied Science (Exercise Physiology)</td>
<td>4F</td>
<td>Mathematics and Chemistry Recommended: Physics, PDHPE, Biology</td>
<td>Biomechanics, clinical exercise practice, ergonomics, exercise physiology, functional anatomy, motor control.</td>
<td>91.50</td>
</tr>
<tr>
<td>Bachelor of Applied Science (Medical Radiation Science) – Diagnostic Radiography</td>
<td>3F</td>
<td>Mathematics plus one of Physics, Chemistry or Biology</td>
<td>Anatomy, biological sciences, clinical education, equipment and imaging techniques, image processing, pathology, physics, psychology, radiation biology.</td>
<td>95.10</td>
</tr>
<tr>
<td>Bachelor of Applied Science (Occupational Therapy)</td>
<td>4F</td>
<td>Biology or Chemistry</td>
<td>Biological sciences; occupational therapy, theory and practice; social sciences.</td>
<td>92.20</td>
</tr>
<tr>
<td>Bachelor of Applied Science (Physiotherapy)</td>
<td>4F</td>
<td>Chemistry and Physics Recommended: Mathematics</td>
<td>Biomechanics, exercise physiology, human anatomy, human physiology, measurement of human performance, motor performance and learning, neuroscience, psychology, research design and statistics.</td>
<td>98.35</td>
</tr>
<tr>
<td>Bachelor of Applied Science (Speech Pathology)</td>
<td>4F</td>
<td>Recommended: English (Advanced)</td>
<td>Audiology, biomedical sciences, linguistics and language development, neurobiology, phonetics, psychology, research methods, sociology, and specialist areas (aphasia, dysarthria, dyslexia, stuttering).</td>
<td>92.60</td>
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<tr>
<td>COURSE</td>
<td>YEARS</td>
<td>ASSUMED KNOWLEDGE</td>
<td>MAJORS</td>
<td>ATAR</td>
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<tr>
<td>Bachelor of Arts</td>
<td>3F/5–9P</td>
<td>Depends on subjects chosen</td>
<td>Table A: At least one of the following majors must be completed: American studies; ancient history; anthropology; Arab world; Islam and the Middle East; Arabic language and literature; archaeology; art history; Asian studies; Australian literature; Biblical studies; Celtic studies; Chinese studies; classical studies; cultural studies; digital cultures; economics; English; European studies; film studies; French studies; gender studies; Germanic studies; government and international relations; Greek (ancient); Hebrew (classical and modern); Hebrew (modern); history; Indigenous Australian studies; Indonesian studies; international and comparative literary studies; Italian studies; Japanese studies; Jewish civilisation, thought and culture; Korean studies; Latin; linguistics; medieval studies; modern Greek studies; music; performance studies; philosophy; political economy; sanskrit; social policy; sociology; socio-legal studies; Spanish and Latin American studies; studies in religion. Table B: Provided a major is completed in at least one of the subject areas listed in Table A, units of study (sufficient to complete a major, but no more than one major) may also be chosen from biology, biochemistry, bioinformatics, chemistry, computer science, education, environmental studies, geography, geology and geophysics, history and philosophy of science, industrial relations and human resource management, information systems, management, mathematics, microbiology, physics, plant science, psychology, statistics.</td>
<td>80.05</td>
</tr>
<tr>
<td>Bachelor of Arts (Advanced) (Honours)</td>
<td>3F/5–9P</td>
<td>Depends on subjects chosen</td>
<td>This is an accelerated program for talented students, with an honours year in third year. Refer to Bachelor of Arts.</td>
<td>98.55</td>
</tr>
<tr>
<td>Bachelor of Arts (Advanced) (Honours)/ Bachelor of Medicine/ Bachelor of Surgery</td>
<td>7F</td>
<td>Depends on subjects chosen</td>
<td>Refer to Bachelor of Arts and the Faculty of Medicine website at sydney.edu.au/arts/future_students/courses/combined/arts_medicine_surgery.shtml. All students must take some study in biology, chemistry and physics.</td>
<td>A+C</td>
</tr>
<tr>
<td>Bachelor of Arts (Languages)</td>
<td>4F/5–9P</td>
<td>Depends on subjects chosen</td>
<td>As for Bachelor of Arts. Two majors from Table A with at least one major from the following subject areas: Arabic language and literature, Chinese studies, French studies, Germanic studies, Hebrew (modern), Indonesian studies, Italian studies, Japanese studies, Korean studies, Modern Greek studies, Spanish and Latin American studies. Candidates have the option of completing a third major from Table A or Table B.</td>
<td>98.70</td>
</tr>
<tr>
<td>Bachelor of Arts (Media and Communications)</td>
<td>4F/5–9P</td>
<td>Depends on subjects chosen</td>
<td>All students complete a core program of study in media and communications and a major from the Bachelor of Arts. A second major may be taken from either the Faculty of Arts and Social Sciences or another faculty within the University, as listed in Table B.</td>
<td>98.50</td>
</tr>
<tr>
<td>Bachelor of Arts (Media and Communications)/ Bachelor of Laws</td>
<td>6F</td>
<td>Depends on subjects chosen</td>
<td>First year: Foundations of law, legal research I, torts. Second year: Civil and criminal procedure, contracts, criminal law. Third year: Legal research II, public international law, public law, torts and contracts II. Fifth year: Administrative law, corporations law, equity, evidence, federal constitutional law, introduction to property and commercial law, real property, the legal profession. Final year: Private international law A, seven optional units of study.</td>
<td>99.70</td>
</tr>
<tr>
<td>Bachelor of Arts/ Bachelor of Laws</td>
<td>5F</td>
<td>Depends on subjects chosen</td>
<td>As for Bachelor of Arts. First year: Foundations of law, legal research I, torts. Second year: Civil and criminal procedure, contracts, criminal law. Third year: Legal research II, public international law, public law, torts and contracts II. Fourth year: Administrative law, corporations law, equity, evidence, federal constitutional law, introduction to property and commercial law, real property, the legal profession. Final year: Private international law A, seven optional units of study.</td>
<td>99.70</td>
</tr>
<tr>
<td>Bachelor of Arts/ Bachelor of Social Work</td>
<td>5F</td>
<td>Depends on subjects chosen</td>
<td>For Arts: Refer to Bachelor of Arts; includes Indigenous Australian studies, sociology and/or psychology. For Social Work: Professional two-year program, including research skills, social policy and social work.</td>
<td>83.00</td>
</tr>
<tr>
<td>Bachelor of Arts/ Master of Nursing</td>
<td>4F/8P</td>
<td>Depends on subjects chosen</td>
<td>Nursing: Human bioscience, illness experience, acute care, mental health nursing, drug therapy, inquiry and research in nursing, care and chronic conditions, community health care, global health and nursing, nursing practice options, mental health, paediatrics, high acuity or clinical nursing, social contexts of health, nursing and the politics of health care, professional practice experience. Arts: Refer to Bachelor of Arts.</td>
<td>80.15</td>
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</table>

A+C Combination of ATAR and additional selection criteria. See page 60 for details.
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<tr>
<th>COURSE</th>
<th>YEARS</th>
<th>ASSUMED KNOWLEDGE</th>
<th>MAJORS</th>
<th>ATAR</th>
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<tbody>
<tr>
<td>Bachelor of Commerce</td>
<td>3F</td>
<td>Depends on subjects chosen</td>
<td>Accounting, business information systems, commercial law, econometrics, economics, finance, industrial relations and human resource management, international business, management, marketing, quantitative business analysis. A second major may be chosen from the above list or from other faculties within the University (depending on the first major chosen). As an alternative to a second major, students may complete a sequence of elective units.</td>
<td>94.05</td>
</tr>
<tr>
<td>Bachelor of Commerce (Liberal Studies)</td>
<td>4F</td>
<td>Depends on subjects chosen</td>
<td>Students can complete up to three majors, at least one from accounting, business information systems, commercial law, finance, industrial relations and human resource management, international business, management, marketing and quantitative business analysis. The other majors can be drawn from a broader list, which includes all of the above areas as well as agricultural economics, computer science, econometrics, economics, financial mathematics, government and international relations, mathematics, and political economy. Additional units must also be undertaken from the faculties of Arts and Social Sciences and Science.</td>
<td>97.50</td>
</tr>
<tr>
<td>Bachelor of Commerce/ Bachelor of Arts</td>
<td>5F</td>
<td>Mathematics</td>
<td>Refer to Bachelor of Arts and Bachelor of Commerce.</td>
<td>94.00</td>
</tr>
<tr>
<td>Bachelor of Commerce/ Bachelor of Laws</td>
<td>5F</td>
<td>Mathematics</td>
<td>First year: Foundations of law, legal research I, torts. Second year: Civil and criminal procedure, contracts, criminal law. Third year: Legal research II, public international law, public law, torts and contracts II. Fourth year: Administrative law, corporations law, equity, evidence, federal constitutional law, introduction to property and commercial law, real property, the legal profession. Final year: Private international law A, seven optional units of study.</td>
<td>99.70</td>
</tr>
<tr>
<td>Bachelor of Commerce/ Bachelor of Medicine/ Bachelor of Surgery</td>
<td>7F</td>
<td>Mathematics</td>
<td>Refer to Bachelor of Commerce and the Faculty of Medicine website at sydney.edu.au/medicine. All students must undertake some study of biology, physics and chemistry.</td>
<td>A+C</td>
</tr>
<tr>
<td>Bachelor of Commerce/ Bachelor of Science</td>
<td>5F</td>
<td>Mathematics or HSC Mathematics Extension 1</td>
<td>Refer to Bachelor of Science and Bachelor of Commerce.</td>
<td>94.15</td>
</tr>
<tr>
<td>Bachelor of Computer Science and Technology</td>
<td>3F/6P</td>
<td>Mathematics or HSC Mathematics Extension 1 (depending on subjects chosen)</td>
<td>Core studies in computer science, information systems, databases, mathematics, programming and systems analysis. Electives include artificial intelligence, e-business analysis and design, graphics, human-computer interaction, internet software platforms, networking, object-oriented design. Electives may also be taken from other faculties within the University.</td>
<td>80.15</td>
</tr>
<tr>
<td>Bachelor of Computer Science and Technology (Advanced)</td>
<td>3F/6P</td>
<td>HSC Mathematics Extension 1</td>
<td>As for Bachelor of Computer Science and Technology, but with study at an advanced level.</td>
<td>97.95</td>
</tr>
<tr>
<td>Bachelor of Design Computing</td>
<td>3F</td>
<td>Mathematics</td>
<td>Design, electronic media, digital modelling and programming, human and computer interaction. Other related units and majors may be taken from fields including arts and social sciences, business, engineering, information technologies and science.</td>
<td>80.15</td>
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<tr>
<td>Bachelor of Design in Architecture/ Bachelor of Surgery</td>
<td>3F</td>
<td>English (Advanced) and Mathematics</td>
<td>Architectural design, architectural history and theory, architectural technologies, art workshops, communications, environment, environment and sustainability, management in architecture. Elective units in allied arts, digital architecture, urban design and planning, or from any faculty in the University. Students seeking professional accreditation follow this degree with the two-year Master of Architecture.</td>
<td>96.95</td>
</tr>
<tr>
<td>Bachelor of Design in Architecture/ Bachelor of Laws</td>
<td>5F</td>
<td>Depends on subjects chosen</td>
<td>First year: Foundations of law, legal research I, torts. Second year: Civil and criminal procedure, contracts, criminal law. Third year: Legal research II, public international law, public law, torts and contracts II. Fourth year: Administrative law, corporations law, equity, evidence, federal constitutional law, introduction to property and commercial law, real property, the legal profession. Final year: Private international law A, seven optional units of study.</td>
<td>99.70</td>
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<tr>
<td>Bachelor of Economics</td>
<td>3F</td>
<td>Mathematics</td>
<td>All students complete one core major from econometrics, economics or financial economics. A second major may be chosen from the core majors, or from the majors offered by the Business School (eg accounting or finance). Alternatively, a second major may be selected from Bachelor of Arts Table A or Table B, so long as students have completed sufficient units of study from the School of Economics and the Business School.</td>
<td>90.25</td>
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<td>COURSE</td>
<td>YEARS</td>
<td>ASSUMED KNOWLEDGE</td>
<td>MAJORS</td>
<td>ATAR</td>
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<td>Bachelor of Economics/</td>
<td>5F</td>
<td>Mathematics</td>
<td>First year: Foundations of law, legal research I, torts. Second year:</td>
<td>99.70</td>
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<td>Bachelor of Laws</td>
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<td>Civil and criminal procedure, contracts, criminal law. Third year:</td>
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<td>Legal research II, public international law, public law, torts and</td>
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<td>contracts II. Fourth year: Administrative law, corporations law,</td>
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<td>property and commercial law, real property, the legal profession.</td>
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<td>Final year: Private international law A, seven optional units of</td>
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<td>study.</td>
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<td>Bachelor of Economics/</td>
<td>7F</td>
<td>Mathematics</td>
<td>Refer to Bachelor of Economics and the Faculty of Medicine website at</td>
<td>A+C</td>
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<td>Bachelor of Medicine/</td>
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<td>sydney.edu.au/medicine</td>
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<tr>
<td>Bachelor of Surgery</td>
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<td>All students must undertake some study of biology, physics and</td>
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<td>chemistry.</td>
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<td>Bachelor of Education (Early Childhood)</td>
<td>4F</td>
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<td>General units in education and professional studies including</td>
<td>78.40</td>
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<td>child development and learning; early childhood curriculum and</td>
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<td>teaching; early childhood management and leadership; families,</td>
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<td>community and diversity; and study in key learning areas (eg arts,</td>
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<td>health and wellbeing, language, mathematics and science). Units in</td>
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<td>the humanities, sciences and social sciences are offered by the</td>
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<td>faculties of Arts and Social Sciences, Science and the Business</td>
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<td>School.</td>
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<tr>
<td>Bachelor of Education (Primary Education)</td>
<td>4F</td>
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<td>General units in child development and learning, education and</td>
<td>90.00</td>
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<td>professional studies, specialist studies in key learning areas (eg</td>
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<td>language, arts, mathematics, health and wellbeing science). Units in</td>
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<td>the humanities, sciences and social sciences are offered by the</td>
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<td>faculties of Arts and Social Sciences, Science and the Business</td>
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<td>School.</td>
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<tr>
<td>Bachelor of Education (Secondary:</td>
<td>4F</td>
<td></td>
<td>All students follow a core program of study in education, along</td>
<td>80.90</td>
</tr>
<tr>
<td>Humanities and Social Sciences) Bachelor</td>
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<td>with intensive study and professional experience in teaching areas.</td>
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<tr>
<td>of Arts</td>
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<td>All students must select two teaching areas. These may include drama,</td>
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<td>business studies/commerce, economics/commerce, English, geography,</td>
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<td>history, languages. A major must be taken in one or two teaching</td>
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<td>areas. Students may qualify to teach in a third teaching area (TESOL</td>
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<td>only). Geography, mathematics, business studies/commerce or TESOL</td>
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<td>may be taken as a second teaching area only.</td>
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<tr>
<td>Bachelor of Education (Secondary:</td>
<td>5F</td>
<td></td>
<td>All students follow a core program of study in education, along</td>
<td>80.30</td>
</tr>
<tr>
<td>Humanities and Social Sciences) Bachelor</td>
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<td>with intensive study and professional experience in teaching</td>
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<td>of Arts</td>
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<td>areas. A major must be taken in mathematics. A second teaching area</td>
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<td>can be taken in one of the following: biology, chemistry, earth and</td>
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<td>environmental science, geography or physics.</td>
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<tr>
<td>Bachelor of Education (Secondary:</td>
<td>5F</td>
<td>HSC Mathematics Extension</td>
<td>All students follow a core program of study in education, along</td>
<td>82.45</td>
</tr>
<tr>
<td>Mathematics) / Bachelor of Science</td>
<td></td>
<td>1. Graduates intending to</td>
<td>with intensive study and professional experience in teaching areas.</td>
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<tr>
<td></td>
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<td>seek employment in NSW</td>
<td>A major must be taken in mathematics. A second teaching area can be</td>
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<tr>
<td></td>
<td></td>
<td>schools to teach at</td>
<td>taken in one of the following: biology, chemistry, earth and</td>
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<td>secondary level must</td>
<td>environmental science, geography or physics.</td>
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<td></td>
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<td>have achieved specific</td>
<td>All students must select two teaching areas from the following:</td>
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<td></td>
<td></td>
<td>levels of study in English</td>
<td>biology, chemistry, earth and environmental science, geography or</td>
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<td></td>
<td>at the NSW HSC or</td>
<td>physics. A major must be taken in a science teaching area.</td>
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<td></td>
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<td>equivalent.</td>
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<tr>
<td>Bachelor of Education (Secondary:</td>
<td>5F</td>
<td>Mathematics or HSC</td>
<td>All students follow a core program of study in education, along</td>
<td>82.15</td>
</tr>
<tr>
<td>Science) / Bachelor of Science</td>
<td></td>
<td>Mathematics Extension 1</td>
<td>with intensive study and professional experience in teaching</td>
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<td>All students must take</td>
<td>areas. A major must be taken in mathematics. A second teaching area</td>
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<td></td>
<td></td>
<td>some units of study in</td>
<td>can be taken in one of the following: biology, chemistry, earth</td>
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<td></td>
<td></td>
<td>mathematics. Graduates</td>
<td>and environmental science, geography and physics. A major must be</td>
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<td></td>
<td></td>
<td>intending to seek</td>
<td>taken in a science teaching area.</td>
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<td>employment in NSW schools</td>
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<td>to teach at secondary level</td>
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<td>must have achieved</td>
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<td>specific levels of study</td>
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<td>in English at the NSW HSC</td>
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<td></td>
<td></td>
<td>or equivalent.</td>
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<tr>
<td>Bachelor of Engineering (Aeronautical)</td>
<td>4F</td>
<td>HSC Mathematics Extension</td>
<td>Aerospace technology, aircraft design and operations, control</td>
<td>90.35</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1. Physics</td>
<td>systems, low-speed aerodynamics, materials, structural analysis.</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Engineering (Aeronautical)</td>
<td>4F</td>
<td>HSC Mathematics Extension</td>
<td>Aerospace structures, composite materials, mechanics, propulsion,</td>
<td>99.35</td>
</tr>
<tr>
<td>(Space)</td>
<td></td>
<td>1. Physics</td>
<td>space electronics, space engineering.</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Engineering (Biomedical)</td>
<td>4F</td>
<td>HSC Mathematics Extension</td>
<td>Anatomy and physiology, biology, biomaterials, biomechanics,</td>
<td>93.10</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1. Chemistry. Physics</td>
<td>bioelectronics, biomedical design, biomedical engineering systems,</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Engineering (Chemical and</td>
<td>4F</td>
<td>HSC Mathematics Extension</td>
<td>medical technology, orthopaedic engineering.</td>
<td>86.80</td>
</tr>
<tr>
<td>Biomolecular)</td>
<td></td>
<td>1. Chemistry</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bachelor of Engineering (Civil)</td>
<td>4F</td>
<td>HSC Mathematics Extension</td>
<td>Civil engineering design, concrete and steel structures,</td>
<td>90.15</td>
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<tr>
<td></td>
<td></td>
<td>1. Physics</td>
<td>engineering geology, fluids, introduction to structural concepts,</td>
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<td>soil mechanics.</td>
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</tbody>
</table>

A+C Combination of ATAR and additional selection criteria. See page 60 for details.
<table>
<thead>
<tr>
<th>COURSE</th>
<th>YEARS</th>
<th>ASSUMED KNOWLEDGE</th>
<th>MAJORS</th>
<th>ATAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Engineering (Civil) (Construction Management)</td>
<td>4F</td>
<td>HSC Mathematics Extension 1, Physics</td>
<td>Project formulation, project management IT, project planning and tendering, structural mechanics, surveying, transport engineering and planning.</td>
<td>90.90</td>
</tr>
<tr>
<td>Bachelor of Engineering (Civil) (Environmental)</td>
<td>4F</td>
<td>HSC Mathematics Extension 1, Physics</td>
<td>Chemistry, environmental decision-making, environmental mechanics, geotechnics, introduction to structural concepts, water resources engineering.</td>
<td>92.10</td>
</tr>
<tr>
<td>Bachelor of Engineering (Civil) (Geotechnical)</td>
<td>4F</td>
<td>HSC Mathematics Extension 1, Physics</td>
<td>Concrete and steel structures, environmental geotechnics, finite element methods, geology, geotechnical engineering, structural mechanics.</td>
<td>98.85</td>
</tr>
<tr>
<td>Bachelor of Engineering (Civil) (Structural)</td>
<td>4F</td>
<td>HSC Mathematics Extension 1, Physics</td>
<td>Civil engineering, structural engineering.</td>
<td>93.80</td>
</tr>
<tr>
<td>Bachelor of Engineering (Electrical) (Power)</td>
<td>4F</td>
<td>HSC Mathematics Extension 1, Physics</td>
<td>Communications, digital signal processing, electrical energy systems and management, electronic circuit design, embedded computing, engineering and electromagnetics, management for engineers, power electronics and drives.</td>
<td>90.15</td>
</tr>
<tr>
<td>Bachelor of Engineering (Electrical) (Telecommunications, Electrical, Computer)</td>
<td>4F</td>
<td>HSC Mathematics Extension 1, Physics</td>
<td>Circuit analysis, data communications and the internet, digital devices and circuits, digital system design, electronic devices and circuits, foundation of computer systems, fundamentals of electrical circuits, fundamentals of feedback control, microcomputer systems, operating systems, optical systems, real-time computing, satellite systems, signals and systems, software development, switching devices and circuits.</td>
<td>86.15</td>
</tr>
<tr>
<td>Bachelor of Engineering (Mechanical)</td>
<td>4F</td>
<td>HSC Mathematics Extension 1, Physics</td>
<td>Industrial management, materials, mechanical design, mechanics of solids, system control, thermodynamics.</td>
<td>90.10</td>
</tr>
<tr>
<td>Bachelor of Engineering (Mechanical) (Space)</td>
<td>4F</td>
<td>HSC Mathematics Extension 1, Physics</td>
<td>Flight mechanics, satellite communications systems, smart materials and structures, space engineering, system dynamics.</td>
<td>98.95</td>
</tr>
<tr>
<td>Bachelor of Engineering (Mechatronic)</td>
<td>4F</td>
<td>HSC Mathematics Extension 1, Physics</td>
<td>Electronic devices and circuits, industrial management, introductory electrics, mechanical design, power electronics and drives.</td>
<td>90.70</td>
</tr>
<tr>
<td>Bachelor of Engineering (Mechatronic) (Space)</td>
<td>4F</td>
<td>HSC Mathematics Extension 1, Physics</td>
<td>Computers in real time, mechatronics, satellite communications systems, space engineering.</td>
<td>99.80</td>
</tr>
<tr>
<td>Bachelor of Engineering (Software)</td>
<td>4F</td>
<td>HSC Mathematics Extension 1, Physics</td>
<td>Data communications and the internet, network programming, operating systems, signals and systems, software validation and verification.</td>
<td>91.80</td>
</tr>
<tr>
<td>Bachelor of Engineering, Bachelor of Computer Science and Technology and Bachelor of Information Technology Flexible First Year Program</td>
<td>5F</td>
<td>HSC Mathematics Extension 1, Physics and/or Chemistry</td>
<td>The Fully Flexible First Year Program allows you to decide your eventual engineering specialisation after completing one year of full-time study.</td>
<td>87.60</td>
</tr>
<tr>
<td>Bachelor of Engineering/ Bachelor of Arts</td>
<td>5F</td>
<td>HSC Mathematics Extension 1, Physics and/or Chemistry</td>
<td>This course allows students to combine core technology-based engineering skills with those from the humanities, social sciences and languages. Students can complete one major and one minor study in arts areas such as linguistics, anthropology, cultural studies, digital cultures, film studies, a language or linguistics. Refer to Bachelor of Arts for the complete list.</td>
<td>90.40</td>
</tr>
<tr>
<td>Bachelor of Engineering/ Bachelor of Commerce</td>
<td>5F</td>
<td>HSC Mathematics Extension 1, Physics and/or Chemistry</td>
<td>Allows for major study in two areas of commerce, including accounting and economics, econometrics, finance, human resources management, industrial relations and marketing. Refer to Bachelor of Commerce for available majors.</td>
<td>94.45</td>
</tr>
<tr>
<td>Bachelor of Engineering/ Bachelor of Design in Architecture</td>
<td>5F</td>
<td>HSC Mathematics Extension 1, Physics and/or Chemistry</td>
<td>Only available in the civil engineering stream. The degree develops professionals who work with architectural and structural engineering design. The emphasis is on conceptual and aesthetic aspects of the design process (architecture), analysis of forces within the structure, and how to proportion the structural skeleton to support these forces (engineering).</td>
<td>97.25</td>
</tr>
<tr>
<td>Bachelor of Engineering/ Bachelor of Laws</td>
<td>6F</td>
<td>HSC Mathematics Extension 1, Physics and/or Chemistry</td>
<td>First year: Foundations of law, legal research I, torts. Second year: Civil and criminal procedure, contracts, criminal law. Third year: Legal research II, public international law, public law, torts and contracts II. Fifth year: Administrative law, corporations law, equity, evidence, federal constitutional law, introduction to property and commercial law, real property, the legal profession. Final year: Private international law A, seven optional units of study.</td>
<td>99.70</td>
</tr>
</tbody>
</table>

A+C Combination of ATAR and additional selection criteria. See page 60 for details.
<table>
<thead>
<tr>
<th>COURSE</th>
<th>YEARS</th>
<th>ASSUMED KNOWLEDGE</th>
<th>MAJORS</th>
<th>ATAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Engineering/</td>
<td>5F</td>
<td>HSC Mathematics Extension 1, Physics and/or Chemistry</td>
<td>This interdisciplinary program combines core elements of</td>
<td>92.25</td>
</tr>
<tr>
<td>Bachelor of Medical Science</td>
<td></td>
<td></td>
<td>engineering and medical science.</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Engineering/</td>
<td>5F</td>
<td>HSC Mathematics Extension 1, Physics and/or Chemistry</td>
<td>The degree allows major study in two areas of science not</td>
<td>90.15</td>
</tr>
<tr>
<td>Bachelor of Science</td>
<td></td>
<td></td>
<td>necessarily in common with engineering (e.g. biochemistry, geography,</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Engineering/</td>
<td>5F</td>
<td>HSC Mathematics Extension 1, Physics and/or Chemistry</td>
<td>biology or psychology. Refer to Bachelor of Science for the</td>
<td>92.00</td>
</tr>
<tr>
<td>Bachelor of Project Management</td>
<td></td>
<td></td>
<td>complete list.</td>
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</tr>
<tr>
<td>Bachelor of Environmental Systems</td>
<td>3F/6P</td>
<td>Mathematics and Chemistry</td>
<td>Agricultural systems, including: agronomy, agro-forestry, biosphere-</td>
<td>83.05</td>
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<td>atmosphere interactions, hydrology, plant pathology, plant science,</td>
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<td>soil science, spatial information systems; Natural terrestrial systems,</td>
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<td>including: biogeochemistry, ecology, environometrics, fluvial systems,</td>
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<td></td>
<td>geology</td>
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<tr>
<td>Bachelor of Health Sciences</td>
<td>3F</td>
<td>Depends on subjects chosen</td>
<td>Health sciences, and a second major from the following list: anatomy</td>
<td>80.60</td>
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<td>and histology, hearing and speech, industrial relations and</td>
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<td>human resources, languages, management, marketing, movement science,</td>
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<td>psychology, sociology</td>
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<tr>
<td>Bachelor of Health Sciences/ Master of</td>
<td>4F/6P</td>
<td>Depends on subjects chosen</td>
<td>Nursing: Human bioscience, illness experience, acute care, mental</td>
<td>81.65</td>
</tr>
<tr>
<td>Nursing</td>
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<td>health nursing, drug therapy, inquiry and research in nursing, care</td>
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<td>and chronic conditions, community health care, global health and</td>
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<td>nursing, nursing practice options, mental health, paediatrics, high</td>
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<td>acuity or clinical nursing, social contexts of health, nursing and the</td>
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<td>politics of health care, professional practice experience. Health</td>
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<td>Sciences: Refer to Bachelor of Health Sciences.</td>
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<tr>
<td>Bachelor of Information Technology</td>
<td>4F/6P</td>
<td>Mathematics or HSC Mathematics Extension 1 (depending on</td>
<td>Core studies in computer science, information systems, databases,</td>
<td>92.00</td>
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<td>subjects chosen)</td>
<td>mathematics, programming and systems analysis, a research-based final</td>
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<td>year of studies is available to eligible students. Electives include</td>
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<td>advanced data models, data mining, high-performance network computing</td>
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<td>knowledge management, mobile networking, multimedia storage and</td>
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<td></td>
<td></td>
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<td>retrieval, natural language processing software architecture. Electives</td>
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<td></td>
<td>may also be taken from other faculties within the University.</td>
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</tr>
<tr>
<td>Bachelor of Information Technology/</td>
<td>5F</td>
<td>Mathematics or HSC Mathematics Extension 1 (depending on</td>
<td>This course allows students to combine technology skills with</td>
<td>98.35</td>
</tr>
<tr>
<td>Bachelor of Arts</td>
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<td>subjects chosen)</td>
<td>those from the humanities, social sciences and languages. Students</td>
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<td>can complete one major and one minor study in Arts areas such as</td>
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<td>linguistics, anthropology, cultural studies, digital cultures, film</td>
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<td>studies, a language or linguistics. Refer to Bachelor of</td>
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<td>Arts for the complete list.</td>
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</tr>
<tr>
<td>Bachelor of Information Technology/</td>
<td>5F</td>
<td>Mathematics or HSC Mathematics Extension 1 (depending on</td>
<td>The five-year combined degree provides a structured program in</td>
<td>94.45</td>
</tr>
<tr>
<td>Bachelor of Commerce</td>
<td></td>
<td>subjects chosen)</td>
<td>information technology and commerce. All students undertake</td>
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<td></td>
<td>core study in computer science, information systems, accounting and</td>
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<td></td>
<td>economics.</td>
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<tr>
<td>Bachelor of Information Technology/</td>
<td>6F</td>
<td>Mathematics or HSC Mathematics Extension 1 (depending on</td>
<td>This six-year combined degree program will provide students</td>
<td>99.70</td>
</tr>
<tr>
<td>Bachelor of Laws</td>
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<td>subjects chosen)</td>
<td>with a comprehensive study in various aspects of computer science and</td>
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<td>information systems, as well as first year: Foundations of law, legal</td>
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<td>research I, torts. Second year: Civil and criminal procedure, contracts,</td>
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<td>criminal law. Third year: Legal research II, public international</td>
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<td>law, public law, torts and contracts II. Fifth year: Administrative</td>
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<td>law, corporations law, equity, evidence, federal constitutional law,</td>
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<td>introduction to property and commercial law, real property, the legal</td>
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<td>profession. Final year: Private international law A, seven optional</td>
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<td>units of study.</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Information Technology/</td>
<td>5F</td>
<td>Mathematics or HSC Mathematics Extension 1 (depending on</td>
<td>The five-year degree develops skills in biomedicine, bioinformatics,</td>
<td>93.40</td>
</tr>
<tr>
<td>Bachelor of Medical Science</td>
<td></td>
<td>subjects chosen)</td>
<td>information technology and medical sciences.</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Information Technology/</td>
<td>5F</td>
<td>Mathematics or HSC Mathematics Extension 1 (depending on</td>
<td>All students undertake a major in computer science and/or</td>
<td>93.05</td>
</tr>
<tr>
<td>Bachelor of Science</td>
<td></td>
<td>subjects chosen)</td>
<td>information systems and can select a Science major from an</td>
<td></td>
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<tr>
<td></td>
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<td>extensive list, including biology, chemistry, geography, mathematics</td>
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<td></td>
<td></td>
<td></td>
<td>and psychology. Please refer to the Bachelor of Science for the</td>
<td></td>
</tr>
</tbody>
</table>

A+C Combination of ATAR and additional selection criteria. See page 60 for details.
<table>
<thead>
<tr>
<th>COURSE</th>
<th>YEARS</th>
<th>ASSUMED KNOWLEDGE</th>
<th>MAJORS</th>
<th>ATAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of International and Global Studies</td>
<td>3F/6P</td>
<td>Depends on subjects chosen</td>
<td>All students follow an interdisciplinary core program in international and global studies with a major chosen from: anthropology, government and international relations, international business, political economy, sociology or an area study (American studies, Arab world, Islam and the Middle East, Asian studies, or European studies). There is an optional major or minor from a wide range of subjects including a second language. A second major or electives may be chosen from Bachelor of Arts Table A or Table B.</td>
<td>95.05</td>
</tr>
<tr>
<td>Bachelor of International and Global Studies/Bachelor of Laws</td>
<td>5F</td>
<td>Depends on subjects chosen</td>
<td>First year: Foundations of law, legal research I, torts. Second year: Civil and criminal procedure, contracts, criminal law. Third year: Legal research II, public international law, public law, torts and contracts II. Fourth year: Administrative law, corporations law, equity, evidence, federal constitutional law, introduction to property and commercial law, real property, the legal profession. Final year: Private international law A, seven optional units of study.</td>
<td>99.70</td>
</tr>
<tr>
<td>Bachelor of Liberal Arts and Science</td>
<td>3F/6P</td>
<td>Depends on subjects chosen</td>
<td>At least one major must be chosen from the major studies as listed for Bachelor of Arts or Bachelor of Science. In addition, a sequence of subjects in science (if an arts major is chosen), or in arts (if a science major is chosen), and a sequence in the liberal studies stream is taken.</td>
<td>70.05</td>
</tr>
<tr>
<td>Bachelor of Medical Science (First-Year Entry)</td>
<td>3F/6P</td>
<td>Mathematics or HSC Mathematics Extension 1</td>
<td>Anatomy, biochemistry, biology, cell pathology, histology, immunology, infectious diseases, microbiology, molecular biology and genetics, pharmacology, physiology. In addition, all students must take some units of study in mathematics.</td>
<td>92.05</td>
</tr>
<tr>
<td>Bachelor of Medical Science (Second-Year Entry)</td>
<td>2F/4P</td>
<td>Mathematics, Chemistry and Biology or Physics</td>
<td>Anatomy, biochemistry, biology, cell pathology, histology, immunology, infectious diseases, microbiology, molecular biology and genetics, pharmacology, physiology, psychology (subject to final approval). In addition, all students must take some units of study in mathematics.</td>
<td>A+C</td>
</tr>
<tr>
<td>Bachelor of Medicine/Bachelor of Surgery</td>
<td>4F</td>
<td>Graduate entry</td>
<td>Refer to the Sydney Medical School website at sydney.edu.au/medicine</td>
<td>A+C</td>
</tr>
<tr>
<td>Bachelor of Medical Science/Bachelor of Medicine/Bachelor of Surgery</td>
<td>7F</td>
<td>Mathematics or HSC Mathematics Extension 1</td>
<td>Refer to Bachelor of Medical Science (First-Year Entry), and the Sydney Medical School website at sydney.edu.au/medicine</td>
<td>A+C</td>
</tr>
<tr>
<td>Bachelor of Music (Composition)</td>
<td>4F</td>
<td>Music 2</td>
<td>Composition plus compositional techniques and analysis, electroacoustic music and composer performer workshop. Study is also undertaken in analysis, history and cultural studies, performance and music skills.</td>
<td>A+C</td>
</tr>
<tr>
<td>Bachelor of Music (Music Education)</td>
<td>4F</td>
<td>Music 2</td>
<td>Music education, plus instrument, voice or academic study selected from brass (French horn, trombone, trumpet, tuba), composition, early music (baroque flute, harpsichord, lute, organ, recorder, viola da gamba), jazz studies, musicology, percussion, piano, strings (cello, double bass, guitar, harp, viola, violin), vocal studies (classical or jazz), woodwind (bassoon, clarinet, flute, oboe, saxophone). Study is also undertaken in analysis, history and cultural studies, performance and music skills.</td>
<td>A+C</td>
</tr>
<tr>
<td>Bachelor of Music (Musicology)</td>
<td>4F</td>
<td>Music 2</td>
<td>MusicoLOGY plus musicology, workshops and analysis, history and cultural studies. Students also undertake studies in music skills, pedagogy, performance and subjects from other faculties.</td>
<td>A+C</td>
</tr>
<tr>
<td>Bachelor of Music (Performance – Jazz)</td>
<td>4F</td>
<td>Music 2</td>
<td>Jazz performance (bass, brass, drums, guitar, piano, vibraphone or woodwind), jazz improvisation and jazz ensemble. Study is also undertaken in jazz history, music skills, transcription and analysis and music business skills.</td>
<td>A+C</td>
</tr>
<tr>
<td>Bachelor of Music (Performance)</td>
<td>4F</td>
<td>Music 2</td>
<td>Instrument or voice selected from brass (French horn, trombone, trumpet, tuba), early music (baroque flute, harpsichord, lute, organ, recorder, viola da gamba), piano, percussion, strings (cello, double bass, guitar, harp, viola, violin), vocal studies (classical or jazz) and woodwind (bassoon, clarinet, flute, oboe, saxophone). Study is also undertaken in analysis, history and cultural studies, pedagogy, performance and music skills.</td>
<td>A+C</td>
</tr>
<tr>
<td>Bachelor of Music Studies</td>
<td>3F</td>
<td>Music 2</td>
<td>Academic study, instrument or voice selected from brass (French horn, trombone, trumpet, tuba), early music (baroque flute, harpsichord, lute, organ, recorder, viola da gamba), piano, musicology, composition, percussion, strings (cello, double bass, guitar, harp, viola, violin), voice (classical or jazz) and woodwind (bassoon, clarinet, flute, oboe, saxophone). Study is also undertaken in analysis, history and cultural studies, performance, music skills and subjects from other faculties.</td>
<td>A+C</td>
</tr>
</tbody>
</table>

A+C Combination of ATAR and additional selection criteria. See page 60 for details.
<table>
<thead>
<tr>
<th>COURSE</th>
<th>YEARS</th>
<th>ASSUMED KNOWLEDGE</th>
<th>MAJORS</th>
<th>ATAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Music Studies/Bachelor of Arts</td>
<td>5F</td>
<td>Music 2</td>
<td>Music studies: instrument, voice or academic study selected from brass (trombone, trumpet, tuba), composition, early music (baroque flute, harpsichord, lute, organ, recorder, viola da gamba), musicology, percussion, piano, strings (cello, double bass, guitar, harp, viola, violin), voice (classical or jazz) and woodwind (bassoon, flute, clarinet, oboe, saxophone). Study is also undertaken in analysis, history and cultural studies, performance and music skills. For majors in the arts component refer to Bachelor of Arts.</td>
<td>A+C</td>
</tr>
<tr>
<td>Bachelor of Music Studies/Bachelor of Medicine/ Bachelor of Surgery</td>
<td>7F</td>
<td>Music 2</td>
<td>Music studies: instrument, voice or academic study selected from brass (trombone, trumpet, tuba), composition, early music (baroque flute, harpsichord, lute, organ, recorder, viola da gamba), piano, musicology, percussion, strings (cello, double bass, guitar, harp, viola, violin), voice (classical and jazz) and woodwind (bassoon, flute, clarinet, oboe, saxophone). Study is also undertaken in analysis, history and cultural studies, performance and music skills. All students must take some study in physics, biology and chemistry.</td>
<td>A+C</td>
</tr>
<tr>
<td>Bachelor of Nursing (Advanced Studies)</td>
<td>3F/6P</td>
<td>Depends on subjects chosen</td>
<td>Health and human biology, population health, nursing knowledge, practice and policy, illness experience, child and adolescent health, indigenous health, mental health, palliative care, leadership in health, chronic care, first line intervention, community health care, politics, policy and health, professional practice experience.</td>
<td>84.05</td>
</tr>
<tr>
<td>Bachelor of Oral Health</td>
<td>3F</td>
<td>Chemistry</td>
<td>Dental hygiene, dental therapy and oral health promotion.</td>
<td>A+C</td>
</tr>
<tr>
<td>Bachelor of Pharmacy</td>
<td>4F</td>
<td>Depends on subjects chosen</td>
<td>Subject areas: biology, chemistry, medicinal chemistry, pharmaceutical sciences, pharmacyaceutics, pharmacology, pharmacy and pharmacy practice. Optional majors in fourth year: rural or industrial pharmacy or international exchange.</td>
<td>A+C</td>
</tr>
<tr>
<td>Bachelor of Political, Economic and Social Sciences</td>
<td>3F/6P</td>
<td>Depends on subjects chosen</td>
<td>Students must complete at least two years of study in government and international relations, political economy, and either sociology or anthropology. One of these four subject areas must be selected as a major. A second major or electives may be chosen from Bachelor of Arts Table A or Table B.</td>
<td>85.05</td>
</tr>
<tr>
<td>Bachelor of Political, Economic and Social Sciences/ Bachelor of Laws</td>
<td>5F</td>
<td>Depends on subjects chosen</td>
<td>First year: Foundations of law, legal research I, torts. Second year: Civil and criminal procedure, contracts, criminal law. Third year: Legal research II, public international law, public law, torts and contracts II. Fourth year: Administrative law, corporations law, equity, evidence, federal constitutional law, introduction to property and commercial law, real property, the legal profession. Final year: Private international law A, seven optional units of study.</td>
<td>99.70</td>
</tr>
<tr>
<td>Bachelor of Project Management</td>
<td>3F</td>
<td>HSC Mathematics Extension 1</td>
<td>Available streams: built environment, civil engineering science or software. Studies include: complex project coordination, management data and analytics, organisational behaviour, project finance, project management, psychology, quality management and negotiating and contracting project services, risk management, statistics. A capstone project is taken in the final year. Built environment stream units and capstone projects are taken in the Faculty of Architecture, Design and Planning.</td>
<td>87.85</td>
</tr>
<tr>
<td>Bachelor of Psychology</td>
<td>4F/6P</td>
<td>Depends on subjects chosen</td>
<td>The Bachelor of Psychology can be taken in either an arts or science stream. The science stream major is psychology. If you choose the arts stream you must take two majors: psychology, plus another chosen from Table A (see Bachelor of Arts).</td>
<td>97.00</td>
</tr>
<tr>
<td>Bachelor of Resource Economics</td>
<td>4F/6P</td>
<td>HSC Mathematics Extension 1 Recommended: Earth and Environmental Science and/or Biology</td>
<td>Agribusiness, agricultural economics, agricultural finance, agricultural marketing, agricultural science, commercial law, econometrics, economics, finance, geography, government and international relations, management, marketing, psychology. Subject to ATAR: accounting</td>
<td>82.80</td>
</tr>
<tr>
<td>Bachelor of Science</td>
<td>3F/6P</td>
<td>Mathematics or HSC Mathematics Extension 1 Other assumed knowledge depends on subjects chosen</td>
<td>Agricultural chemistry; anatomy and histology; biochemistry; bioinformatics; biology (animal, plant genetics); cell pathology; chemistry; computational science; computer science; environmental studies; financial mathematics and statistics; geography; geology and geophysics; history and philosophy of science; immunobiology; information systems; marine biology; marine geoscience, marine science; mathematics; medicinal chemistry; microbiology; molecular biology and genetics; nanoscience and technology; neuroscience; pharmacology; physics; physiology; plant science; psychology; soil science; statistics. In addition, all students must take some units of study in mathematics.</td>
<td>82.10</td>
</tr>
</tbody>
</table>

A+C Combination of ATAR and additional selection criteria. See page 60 for details.
<table>
<thead>
<tr>
<th>COURSE</th>
<th>YEARS</th>
<th>ASSUMED KNOWLEDGE</th>
<th>MAJORS</th>
<th>ATAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Science (Advanced)</td>
<td>3F/6P</td>
<td>HSC Mathematics Extension 2</td>
<td>Financial mathematics and statistics, mathematics, statistics.</td>
<td>98.35</td>
</tr>
<tr>
<td>Bachelor of Science (Advanced)</td>
<td>3F/6P</td>
<td>Mathematics or HSC Mathematics Extension 1</td>
<td>Refer to Bachelor of Science. Advanced majors include anatomy and histology, biochemistry, biometrics, biology, chemistry, computational science, computer science, financial mathematics and statistics, geography, geology and geophysics, immunobiology, marine biology, marine geoscience, marine science, mathematics, medicinal chemistry, microbiology, nanoscale and technology, neuroscience, pharmacology, physics, physiology, plant science, statistics.</td>
<td>95.00</td>
</tr>
<tr>
<td>Bachelor of Science (Advanced)/ Bachelor of Medicine/ Bachelor of Surgery</td>
<td>7F</td>
<td>Mathematics or HSC Mathematics Extension 1</td>
<td>Refer to Bachelor of Science (Advanced) and the Sydney Medical School website at sydney.edu.au/medicine</td>
<td>A+C</td>
</tr>
<tr>
<td>Bachelor of Science in Agriculture</td>
<td>4F/6P</td>
<td>Mathematics and Chemistry</td>
<td>Agricultural chemistry, agricultural economics, agricultural genetics, agronomy, entomology, environmetrics, farming systems, food science, horticulture, livestock production, plant pathology, soil science.</td>
<td>76.55</td>
</tr>
<tr>
<td>Bachelor of Science/ Bachelor of Arts</td>
<td>4F/6P</td>
<td>Mathematics or HSC Mathematics Extension 1</td>
<td>Refer to Bachelor of Science and Bachelor of Arts. In addition, all students must take some units of study in mathematics.</td>
<td>80.50</td>
</tr>
<tr>
<td>Bachelor of Science/ Bachelor of Laws</td>
<td>5F</td>
<td>Mathematics or HSC Mathematics Extension 1</td>
<td>First year: Foundations of law, legal research I, torts. Second year: Civil and criminal procedure, contracts, criminal law. Third year: Legal research II, public international law, public law, torts and contracts II. Fourth year: Administrative law, corporations law, equity, evidence, federal constitutional law, introduction to property and commercial law, real property, the legal profession. Final year: Private international law, seven optional units of study. In addition, all students must take some units of study in mathematics.</td>
<td>99.70</td>
</tr>
<tr>
<td>Bachelor of Science/ Master of Nutrition and Dietetics</td>
<td>5F</td>
<td>Mathematics, Chemistry and Biology</td>
<td>Bachelor degree: Students must complete a major in one of biochemistry, microbiology, physiology or psychology. Master’s degree: Clinical nutrition, nutritional science and public health nutrition. In addition, all students must take some units of study in mathematics.</td>
<td>96.85</td>
</tr>
<tr>
<td>Bachelor of Science/ Master of Nursing</td>
<td>4F/6P</td>
<td>Mathematics or HSC Mathematics Extension 1</td>
<td>Nursing: Human bioscience, illness experience, acute care, mental health nursing, drug therapy, inquiry and research in nursing, care and chronic conditions, community health care, global health and nursing, nursing practice options, mental health, paediatrics, high acuity or clinical nursing, social contexts of health, nursing and the politics of health care, professional practice experience. Science: Refer to Bachelor of Science. In addition, all students must take some units of study in mathematics.</td>
<td>82.05</td>
</tr>
<tr>
<td>Bachelor of Social Work</td>
<td>4F</td>
<td>Depends on subjects chosen</td>
<td>Indigenous studies, psychology, social policy and social work, sociology. First and second year students may choose from the areas listed under Bachelor of Arts. Third and fourth year students undertake a professional program including research skills, social policy and social work.</td>
<td>81.60</td>
</tr>
<tr>
<td>Bachelor of Veterinary Science</td>
<td>5F</td>
<td>Chemistry, Mathematics and Physics Recommended: Biology</td>
<td>Animal diseases and pathology, animal husbandry, cell biology, clinical and professional practice, pharmacology, veterinary anatomy and physiology, veterinary conservation biology, veterinary medicine, veterinary surgery.</td>
<td>A+C</td>
</tr>
<tr>
<td>Bachelor of Visual Arts</td>
<td>3F</td>
<td>Visual Arts, and Design and Technology</td>
<td>Fine art: painting, printmedia, sculpture, performance and installation. Object art and design: ceramics, glass, jewellery and object media art; film and digital art, photomedia. Minor studies: A wide range of electives in fine art, media art and object art and design.</td>
<td>A+C</td>
</tr>
<tr>
<td>Diploma of Music</td>
<td>2F</td>
<td>Music 2</td>
<td>Instrumental study selected from brass (french horn, trombone, trumpet, tuba), early music (baroque flute, harpsichord, lute, organ, recorder, viola da gamba), jazz studies, piano, percussion, strings (cello, double bass, guitar, harp, viola, violin), woodwind (bassoon, clarinet, flute, oboe, saxophone) or voice (classical). Study is also undertaken in music skills, orchestral studies and chamber music.</td>
<td>A+C</td>
</tr>
</tbody>
</table>
Thinking of studying at Sydney? This is what you should do next.

**STEP 1  **CHOOS** E YOUR COURSE**
Read the course descriptions in this guide and narrow down what you’re interested in studying. Visit our website, sydney.edu.au/future_students for in-depth information about entry requirements and units of study. Next, get a copy of the Universities Admissions Centre (UAC) guide (normally available through schools and newsagents from early August), or visit www.uac.edu.au

**STEP 2  **VISIT US**
Don’t miss Open Day (25 August 2012) and Info Day (3 January 2013) to visit our campus and talk to experts. Or you can take a tour anytime (see page 56).

**STEP 3  **EXPLORE YOUR ENTRY OPTIONS**
We offer a number of special entry pathways for students who may not get the results they need for their preferred course. Most of these pathways will require you to take an extra step, such as submitting an application to UAC, the University of Sydney or to a faculty. See page 57 for details.

**STEP 4  **CHECK OUT SCHOLARSHIPS**
Visit our Scholarships Office’s website sydney.edu.au/scholarships to find out whether there are any scholarships you can apply for. For more information about scholarships see page 63.

**STEP 5  **APPLY**
To apply for most University of Sydney courses you should submit your application online through UAC (www.uac.edu.au). There are some exceptions for graduate programs such as Dentistry and Medicine. For more information about applying for these courses see page 60.

On-time UAC applications are due by 28 September 2012. You can include up to nine preferences, but you can only receive one offer in any round (for your highest eligible preference). Most scholarships and special entry applications are also due by this date. After you submit your application you can change your preferences as many times as you like until UAC’s main round closes on Friday 4 January 2013. However, note that there are other offer rounds, and some of our courses have early closing dates.

**STEP 6  **ENROL**
Main round offers are sent out by 16 January 2013. If you receive an offer, now is the time to enrol. Find out how at sydney.edu.au/future_students
**DO YOUR RESEARCH**

To get the best possible start at the University of Sydney, it’s a great idea to arm yourself with as much information as you can before enrolling.

**CONTACT US**
Please contact us for advice on your specific course, how to enrol, or if you have any other questions.

Tel 1300 362 006

Or ask a question online at sydney.edu.au/future_students

**COME TO OPEN DAY**

To get a real taste of our unique campus buzz and to meet our students and lecturers, come to our Open Day on Saturday 25 August 2012.

If you can’t make it that day, or if you live interstate, we offer tours of our historic Camperdown Campus throughout the year. For more information call 1300 362 006, or visit sydney.edu.au/tours

**COME TO INFO DAY**

Our Info Day on Thursday 3 January 2013 gives you a last opportunity to visit us to discuss your options and finalise your choices.

Watch our 2011 Open Day video at sydney.edu.au/future_students

**IMPORTANT DATES**

See the contents page of this guide for a list of key dates in the application process. Also, note that some dates may change. For the most current details, visit sydney.edu.au/dates

“Going to Open Day and Info Day is so important – it really helps you get a sense of the place and people, as well as finding out crucial information from the people who know what they’re talking about.”

HUMYARA MAHBUB (LEFT)

BACHELOR OF ARTS/

BACHELOR OF LAWS
ENTRY REQUIREMENTS AND PATHWAYS

Entry to most of our courses is assessed on the basis of your Year 12 results – your ATAR or equivalent. If you completed high school before 2009, or studied elsewhere in Australia or in New Zealand, your rank may have a different name, such as OP, TER or UAI.

Our comprehensive A to Z course guide (pages 45 to 53) outlines the relevant entry requirements at the time of publication. The UAC guide will give you the previous year’s ATAR cut-off for each course.

If you completed high school overseas, or did some tertiary study since leaving school, contact our Admissions Office on (02) 8627 8210 to find out if we can take those qualifications into account when considering your application to the University of Sydney.

For full details on entry visit sydney.edu.au/ug-entry

SPECIAL ENTRY PATHWAYS

We encourage you to consider all the options for entry to the University of Sydney, beyond your ATAR. Our special entry pathways include:

– The Flexible Entry Scheme, which is designed to assist applicants who just miss out on the marks needed to get into their preferred course, but do well in courses relevant to their intended degree.

– Our Broadway Scheme, which is for students who have experienced long-term educational disadvantage, such as financial or medical difficulty. This scheme includes those who study at certain schools prioritised by the federal and NSW governments.

– Our Cadigal Program, which is an access and support program for Aboriginal and Torres Strait Islander people who want to study at the University of Sydney.

We also run a scheme for people whose studies have been affected because they compete or perform at an elite level in the world of sports or the arts. And we offer a whole host of other special entry schemes, including pathways for those who come from a rural or remote area and for mature-age students. For more information, visit sydney.edu.au/ug-special

At Sydney we want to attract the most promising students, whatever their social or cultural background, because we work best when we bring together people with diverse views and experiences. So getting the ‘right’ ATAR is not the only way you can be accepted to study here – we offer other pathways as well.
There are no prerequisites for admission into our undergraduate courses. However, for some courses we expect you to have studied specific subjects, or reached a certain level of knowledge, before you start. This is called ‘assumed knowledge’.

By having the relevant assumed knowledge for your course, you ensure you won’t be at a disadvantage when you get here.

For details of the assumed knowledge subjects for each course, check our A to Z course guide on pages 45 to 53.

If you don’t have the assumed knowledge for the course you want, we offer a number of bridging courses in mathematics, chemistry, physics, biology and English grammar that can help bring you up to speed. Visit sydney.edu.au/ug-bridging

“I knew I could trust the University of Sydney to provide me with the highest quality of education – and that it would be recognised by potential employers not just within Australia but the world over.”

MICHELLE JANSEN
BACHELOR OF APPLIED SCIENCE (MEDICAL RADIATION SCIENCES) (DIAGNOSTIC RADIOGRAPHY)
“I came here not entirely sure what I wanted to do. The copious amounts of advice I received as a school leaver was quite overwhelming. But Sydney Uni helped me realise what areas of study I most enjoyed.”
For entry to some of our courses we consider more than just your marks. In these cases we need to know more about you, and may ask you to submit a portfolio or come to the University for an interview or audition. The following courses have additional application requirements.

**DENTISTRY**
In addition to your ATAR, we will assess your application for the Bachelor of Oral Health on the basis of your performance at a ‘Personal Qualities Assessment’ (PQA) and a face-to-face interview. You need to register to attend the PQA just after mid-year of the year before your intended first year of study. For details, see sydney.edu.au/dentistry/student

**LAW**
There are several ways you can apply to study law at Sydney, depending on your ATAR or equivalent. You can start to study law straight from school by combining your degree with studies from another faculty. As law is a very popular course, if you don’t obtain the ATAR cut-off required there are other entry options. You can consider the transfer option, where you enrol in another degree and then apply for a transfer through UAC close to the completion of your first year. We also offer graduate-entry options. For more information, see sydney.edu.au/law/ug-apply

**MEDICINE**
A small number of high-achieving students study medicine as part of our seven-year ‘combined degree’ program. To be eligible we require a 99.95 ATAR (or equivalent) plus an interview. For Music/Medicine the ATAR is slightly lower (99.50 or equivalent), and requires an audition and interview. Sydney Medical School also welcomes high-achieving Indigenous students for this program through our Indigenous pathway.

Most Sydney medical students join us through our graduate-entry scheme. This requires you to achieve a credit average in your bachelor’s degree (any discipline), and to perform satisfactorily in both an admissions test and an interview. If you plan to apply for graduate entry, you should start the application process at least 12 months in advance. For application timelines and entry requirements for undergraduate and graduate entry, see sydney.edu.au/medicine

**MUSIC**
To apply for courses at the Conservatorium of Music, you should submit your UAC application, then send a separate application for audition and/or interview by 30 September. You may then be invited to an audition and/or interview in late November (some dates are available in mid-September and early October). For details and an application form, see sydney.edu.au/music/future_students

**PHARMACY**
To be considered for admission you need to complete the Special Tertiary Admissions Test (STAT). We will assess your application on a combination of STAT results and ATAR (or equivalent) or STAT results and grade point average from at least one full year of tertiary study. For more details, see sydney.edu.au/pharmacy/future_students

**VETERINARY SCIENCE**
In addition to a UAC application, all applicants must submit a Commitment to Veterinary Science form by 30 November and complete the Special Tertiary Admission Test (STAT). For more details, see sydney.edu.au/vetscience/future_students

**VISUAL ARTS**
In addition to a UAC application, all local applicants need to submit a completed course questionnaire to Sydney College of the Arts by 30 September to be considered for admission. In early November we will invite shortlisted applicants to attend a brief interview in late November/early December to present a portfolio of work. For the questionnaire and more information, see sydney.edu.au/sca/future_students
“My course has pushed me to ask questions and develop a critical analysis when looking at the current state of our domestic and international affairs. It’s not about rote learning, but placing what we learn into context.”

REBECCA PU
BACHELOR OF COMMERCE/BACHELOR OF LAWS
Going to university is a big financial commitment, but don’t let the cost of study deter you. At the University of Sydney we can help you in many ways.

There are five main avenues of financial support. It’s helpful to think of them separately, as each has a different timeline and application process.

– The first thing is to check whether you’re eligible for a Centrelink allowance or scholarship. Start investigating this at least six months before your uni course starts.

– There are also University of Sydney and faculty scholarships. You need to apply for most of these by September of the year before your course starts.

– Next, you need to pay for your course fees at the start of semester. As a Commonwealth-supported student, the federal government will pay a large portion of your course fees. Eligible students can access HECS-HELP assistance – they can either pay upfront with a 10 percent HECS-HELP discount or obtain a full or part HECS-HELP loan. If you obtain a HECS-HELP loan, you will start paying your loan when the income is above a certain amount (in 2012 the minimum threshold was $47,196).

– You also need to pay the Student Services and Amenities (SSA) fee at the start of semester. This has an annual limit of $263 in 2012, indexed annually thereafter. Eligible students can obtain an SA-HELP loan from the government if required.

– If you need help later on, we offer bursaries (payments for students in need), interest-free loans and emergency financial help, which you can apply for at any time during your studies.
CENTRELINK ALLOWANCES
Youth Allowance is a payment made by the Australian government to young people who are studying, training or looking for work. Abstudy is a similar payment specifically for Aboriginal and Torres Strait Islander students. Both are designed to help you pay your living expenses while you study.

If you receive Abstudy or Youth Allowance payments you will also receive a Start Up scholarship automatically, to help you get settled at uni and pay for course materials and accommodation. If you’re from a regional background, you could receive more financial help through a Relocation Scholarship and Rent Assistance.

For more information on the Youth Allowance call 13 24 90; for Abstudy call 13 23 17, or visit www.centrelink.gov.au

UNIVERSITY OF SYDNEY SCHOLARSHIPS
We offer more than 500 scholarships to undergraduate students. Our aim is to help you achieve all your goals at the University of Sydney. Our scholarships give you the financial freedom to focus on your study and other commitments. If you’ve done very well at school, excel at sport or music, come from a rural or regional area or have serious financial or other disadvantages, there are several scholarships you could apply for. For full details, visit sydney.edu.au/scholarships

Applications for school leavers’ scholarships open during August and close on 30 September each year. Keep an eye on our website and speak to your careers adviser to find out more, including application opening dates.

You can apply for most of our school leavers’ scholarships by filling in just one application form.

Here are some of the many scholarships you might be eligible for:

Merit and Entry scholarships
These scholarships are awarded to students with a minimum ATAR of 95.00 (or equivalent) plus other achievements such as leadership skills and community involvement. Merit scholarships cover the standard length of a degree ($6000 per year) and Entry scholarships cover the first year only. Students who are awarded Merit scholarships need to maintain an average mark of 75 throughout their University studies.

“My scholarship has opened up a world of opportunities and has been the key to an amazing university experience. And to think, all it took was one simple application!”

ZAHRA AL-ZAI DI (RIGHT)
BACHELOR OF BUSINESS
Access scholarships
These support academically gifted students who have had to overcome financial disadvantage, are from a rural or remote area, or are medically disadvantaged. They cover the length of your degree, and are valued at $6000 per year.

You apply for the Access scholarship at the same time as you apply for university through UAC. If you are awarded an Access scholarship you need to maintain an average mark of 65 while at university.

Faculty scholarships
Many of our faculties offer their own scholarships for first-year students, as well as scholarships and prizes for current students. Find out more at sydney.edu.au/scholarships/current/faculty

Scholarships for Aboriginal and Torres Strait Islander students
The University and the Australian government also offer scholarships just for Aboriginal and Torres Strait Islander students, such as the Commonwealth Indigenous Scholarships. You can apply for these through UAC.

Find out more about other scholarship options at sydney.edu.au/koori/scholarships

Sports scholarships
We offer special scholarships for athletes through the Elite Athlete Program. These are designed to help with fees, textbooks, accommodation, sporting equipment, access to sporting facilities and health insurance. Eligible students also have access to free tutoring to encourage a healthy sport-study balance. The scholarships are worth between $1000 and $5000 per year. For more information contact Sydney Uni Sport & Fitness.

T (02) 9351 4960
E sportscholarships@sport.usyd.edu.au
www.susf.com.au

“My scholarships have helped me greatly. Throughout high school I didn’t even own a study desk, and I had to share a computer with five siblings. One of my first purchases here was a laptop. It’s been very useful because all my course resources are freely available in electronic form. You can download your notes, prepare presentations, listen to lectures … the list goes on.”

RAYAN NAHAS
BACHELOR OF PHARMACY
WHAT FINANCIAL HELP CAN I GET?

COMMONWEALTH-SUPPORTED PLACES

All domestic students (see page 70 for a definition) taking an undergraduate course of study at the University of Sydney are Commonwealth-supported students. This means the federal government pays a large portion of your fees and you pay the remainder. This is called the ‘student contribution’.

To be eligible for a Commonwealth-supported place, you must:
– be a citizen of Australia or New Zealand; or
– hold an Australian permanent resident visa; or
– hold an Australian permanent humanitarian visa.

The fees and amount you contribute will depend on the subjects you choose, as course costs vary. For example, in 2011 the student contribution for a Bachelor of Science degree would have been $4355, compared to a Bachelor of Commerce costing $9080.

Most Commonwealth-supported students (Australian citizens and permanent humanitarian visa holders only) are eligible for HECS-HELP assistance, the federal government’s Higher Education Loan Program. Find out more about options for paying or deferring your student contribution on the government’s Study Assist website: www.studyassist.gov.au

If you hold a permanent resident visa (other than a permanent humanitarian visa), or you are a New Zealand citizen (and not also an Australian citizen), then you will still be a Commonwealth-supported student but won’t be eligible for HECS-HELP, and will need to pay your full semester student contribution upfront without a discount.

For more information on HECS-HELP and Commonwealth support, see www.studyassist.gov.au

“My scholarship has made a huge difference. It enabled me to purchase a new instrument in my second year – a hand-crafted professional model flute. Having this instrument has improved my confidence and enabled me to succeed in auditions.”

MICHAEL LAST
BACHELOR OF MUSIC (PERFORMANCE)

STUDENT SERVICES AND AMENITIES FEE

From 1 January 2012 universities are able to charge a student services and amenities fee (‘SSA fee’), set by the federal government (up to $263 for 2012) and common to all universities. This fee supports student services, amenities, advocacy, representation, and similar activities.

Eligible students will be able to defer their SSA fee to the Government’s SA-HELP scheme, if required. In order to be eligible for SA-HELP, students need to meet the following criteria:
– be either an Australian citizen or a permanent humanitarian visa holder residing in Australia
– be enrolled in a course of study (or a bridging course for an overseas-trained professional)
– submit a valid SA-HELP debt confirmation form with a tax file number (or a certificate of application for a tax file number), on or before the fee payable date.

Those students who are not eligible for SA-HELP will be required to pay this fee on or before the SSA fee payable date.

For more information on the SSA fee and SA-HELP, visit sydney.edu.au/current_students/student_administration/hecs_fees

Please note that contributions shown are for 2012 and will vary in 2013. Visit www.studyassist.gov.au

<table>
<thead>
<tr>
<th>BAND</th>
<th>AREA OF STUDY</th>
<th>2012 STUDENT CONTRIBUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>National priority</td>
<td>Mathematics, statistics and science</td>
<td>$4520</td>
</tr>
<tr>
<td>1</td>
<td>Humanities, behavioural sciences, social studies, foreign languages, visual and performing arts, education, nursing</td>
<td>$5648</td>
</tr>
<tr>
<td>2</td>
<td>Computing, built environment, health, engineering, surveying, agriculture</td>
<td>$8050</td>
</tr>
<tr>
<td>3</td>
<td>Law, dentistry, medicine, veterinary science, accounting, administration, economics, commerce</td>
<td>$9425</td>
</tr>
</tbody>
</table>

WATCH VIDEO AT sydney.edu.au/ug-videos
Bursaries are non-repayable grants available to local students who are having difficulty paying for their study and living expenses but are making good academic progress.

Our unique bursary scheme is one of the most generous in Australia. You can apply for a First-Year Bursary (worth $2000) in either April or September of your first year, as well as general assistance at any time during your studies. We also offer interest-free loans and can provide on-the-spot payments to assist in emergency situations.

For advice on how to manage your finances and apply for financial assistance, get in touch with our Financial Assistance Service.

T (02) 9351 2416
sydney.edu.au/financial-assistance

**LIVING COSTS**

The following table provides a rough guide* to what it costs an average student to live in Sydney. Most students spend from $350 to $400 a week.

<table>
<thead>
<tr>
<th>LIVING COSTS</th>
<th>AVERAGE COST PER WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rent</td>
<td>$180+</td>
</tr>
<tr>
<td>Food</td>
<td>$90+</td>
</tr>
<tr>
<td>Utilities</td>
<td>$10 to $20</td>
</tr>
<tr>
<td>Travel</td>
<td>$35</td>
</tr>
<tr>
<td>Laundry</td>
<td>$10</td>
</tr>
<tr>
<td>Entertainment/personal</td>
<td>$50</td>
</tr>
<tr>
<td>Stationery and textbooks</td>
<td>$15</td>
</tr>
</tbody>
</table>

* Please note these figures are estimates only.

“The lecturers and tutors encourage us to feel like part of a wider community. I had the privilege to help newly arrived refugees in Australia through a maths homework program, and also help the Indigo Foundation to build schools in my native country, Afghanistan.”

ALI YUNESPOUR
BACHELOR OF INTERNATIONAL STUDIES
WHAT OTHER SUPPORT IS AVAILABLE?

We know that starting university can be a big change, but even before you arrive on campus you’re not alone. We offer a wide range of services to help you settle in and ongoing support to keep things running smoothly.

For more information on the free student services we offer, visit sydney.edu.au/student-services

GETTING STARTED
Start by attending Orientation Week. This is an action-packed week of academic skills training, personal and campus orientation activities, and social adventures, clubs and parties. For more details, visit sydney.edu.au/orientation

ACADEMIC SUPPORT
The University Library, Learning Centre and Mathematics Learning Centre offer workshops, print-based and online study materials to help you develop the skills you need for successful university study.

We also offer bridging courses if you need to get up to speed for university study in areas such as mathematics and science (see page 58 for more information).

CASUAL WORK AND CAREER ADVICE
Our Careers Centre can help you explore your career interests and options, and there is definitely something for everyone — from casual/holiday jobs to career fairs and workshops. We’ll help you polish up your resume, refine your interview skills, connect with industry and meet potential future employers.

On our website you can register to view a database of casual, part-time and vacation employment. Last year more than 3000 positions were advertised by employers seeking University of Sydney students. Visit sydney.edu.au/careers
WHAT OTHER SUPPORT IS AVAILABLE

Choosing where to live may be one of the biggest decisions you’ll make when starting at university, but plenty of help is available. The University’s Accommodation Information Service should be your first stop if you are moving to Sydney or getting ready to move into your own place.

The website gives you advice on how to decide where to live, budgeting, public transport options and costs, as well as tips to ensure that you are aware of all your rights and responsibilities in renting. Visit sydney.edu.au/accommodation

On-campus accommodation
If you want to be right at the heart of the University community, living on the Camperdown/Darlington Campus is an excellent choice.

If you’re especially keen on a college experience there are more than a few residential colleges – a popular choice for students coming to live in Sydney for the first time, because of the additional academic and social support they offer. Or you might like to consider Sydney University Village, where you can live in a studio on your own, or in a self-contained apartment with other students.

Most on-campus residences have early application deadlines. Start looking in September if you want on-campus accommodation for the following year.

Off-campus accommodation
The main campus is located between the suburbs of Camperdown and Darlington, and close to Newtown, Glebe, Forest Lodge and Chippendale. Many students live in and around these suburbs. There are lots of resources you can use to find off-campus accommodation in these areas. Visit sydney.edu.au/accommodation

Shared housing ranges from about $180 to $250 per week per person. A rented one-bedroom apartment can range from $200 to $400 per week, depending on its facilities, size and location.

“I personally got a lot more out of uni life by living at a college. Not only do they offer fantastic social, sporting and leisure activities, living on campus makes it much easier to be more involved with university societies.”

LISA FEDORENKO
BACHELOR OF COMMERCE/BACHELOR OF SCIENCE
INDIGENOUS SUPPORT
We offer support for Indigenous students at many levels. We encourage greater participation in higher education through our Cadigal program, help with university admissions, and provide support through Student Support Services, the Koori Centre and Yooroang Garang.

Student Support Services runs the Cadigal Alternative Entry Program, which assists Indigenous Australian students with university entry and offers academic and social support from admission through to graduation. Visit sydney.edu.au/cadigal

There’s also the Indigenous Tutorial Assistance Scheme (ITAS), a Commonwealth-funded program that provides Indigenous students with qualified tutors via one-on-one or group tuition. Visit sydney.edu.au/itas

The Koori Centre on the Camperdown Campus offers programs, services and facilities to encourage and support Indigenous students through their studies. It also offers all students the opportunity to study Indigenous Australian history and cultures. Visit sydney.edu.au/koori

Yooroang Garang is the Indigenous student support unit for the Faculty of Health Sciences at the Cumberland Campus. It provides support programs, services and facilities. Visit sydney.edu.au/yooroang_garang

HEALTH AND WELLBEING
The University Health Service offers GP services and emergency medical care to all members of the University community: students, staff and their families. You’ll also find pharmacists on campus, along with optometrists, physiotherapists, dentists, counsellors and chaplains. For more details, visit sydney.edu.au/student-health and sydney.edu.au/chaplains

COUNSELLING AND PSYCHOLOGICAL SERVICES
Counselling and Psychological Services (CAPS) aims to help students develop the skills to build personal strengths, improve their wellbeing and achieve academic success. It offers a range of free, confidential services that are available to all enrolled students. They include:

– online self-help tools
– classes that teach key skills for wellbeing.
– Advice Clinics, which provide one-off problem solving and support
– one-on-one sessions with a counsellor/psychologist.

For more details visit sydney.edu.au/counselling

DISABILITY SERVICES
Disability Services assists current and prospective Sydney students who have a disability to get the most out of uni life.

Disability Services has staff available at the Camperdown/Darlington and Cumberland campuses. Get in touch with the team before you start to find out what services are available to you. Visit sydney.edu.au/disability

“I wasn’t expecting so many student support services. No matter what your issue, there is someone to help. A piece of advice for Indigenous students: the Koori Centre is a great place to meet Indigenous students and staff who can offer support and mentorship whenever you need it.”

REBEKAH RAYMOND
BACHELOR OF SCIENCE/
BACHELOR OF ARTS
GLOSSARY

ADMISSION
Undergraduate admission to most of our courses is based on your secondary education performance. Other criteria such as a portfolio, interview, audition, or results in standard tests may also be required for certain courses. See page 60 for more information.

ATAR
This is your Australian Tertiary Admission Rank (ATAR) – the number that indicates your ranking among other students completing their HSC. Your ATAR is used by universities to assess your application.

ASSUMED KNOWLEDGE
For some units of study you will be assumed to have passed a relevant subject at HSC level or have reached a certain level of knowledge. This is called assumed knowledge. See page 58 for more information.

BACHELOR’S DEGREE
This is the highest undergraduate award we offer. A bachelor’s degree course normally requires three or four years of full-time study (or the part-time equivalent).

BURSARY
A bursary is a payment we offer to help you out if you have trouble paying for study and living expenses while you’re at uni.

CADIGAL PROGRAM
This is a University-wide access and support scheme for Aboriginal and Torres Strait Islander students.

CAMPUSS
The grounds on which the University is situated. We have many campuses but most faculties are based on the Camperdown/Darlington campus. See page 12 for more information.

COMBINED DEGREE PROGRAM
A combined degree program (also called a double degree) allows you to earn two degrees from two different faculties. For example, if you complete a combined Arts/Law degree program, you will be awarded a Bachelor of Arts degree and a Bachelor of Laws degree.

COMMONWEALTH-SUPPORTED STUDENT
If you are a domestic student (as opposed to an international student), the federal government will pay a large portion of the cost of your education, although you also need to pay a ‘student contribution’. See page 65 for more information.

COURSE/DEGREE
These terms can be confusing. Strictly speaking, your course is the program of study in which you are enrolled. Your degree is the qualification you will receive when you graduate, such as a bachelor’s degree.

CREDIT POINT
A credit point is the value that each unit of study (single subject) contributes towards course completion requirements. Most units of study are worth six credit points.

DOMESTIC STUDENT
You are a domestic student if you are an Australian or New Zealand citizen, or an Australian permanent resident visa holder.

DEFERMENT
If you receive an offer of admission to a course you may apply to defer enrolment in that course for one semester or one year.

FACULTY
A faculty, consisting mainly of academic staff and headed by a dean, is a large department that is responsible for administering all the courses in a particular subject area.

GRADUATE-ENTRY DEGREE
A bachelor’s (undergraduate) degree that requires you to have completed another undergraduate degree first, as a prerequisite of entry. Graduate-entry degrees at the University of Sydney include the Sydney Medical Program.

HECS-HELP
This is a scheme that enables eligible Commonwealth-supported students to either pay their student contribution upfront with a 10 percent discount (HECS-HELP discount) or obtain a loan for all or part of their contribution (HECS-HELP loan). See page 65 for more information.
HONOURS
Some degrees may be completed with honours. Honours differs depending on the faculty, and usually involves either:
– the completion of a separate honours year
– additional work in the later years of the course, or
– high-level achievement over all years of the course.

INTERNATIONAL STUDENT
International students are citizens of any country other than Australia and New Zealand, and not Australian permanent residents.

MAJOR
A major can be described as a specialisation (or defined program of study) within your course. You can select and transfer between majors according to the units of study you select. You may be required to complete one or more majors in order to satisfy the course requirements.

MATURE-AGE STUDENT
At the University of Sydney, this means that you will be 21 years or older on 1 March of the year in which you want to study, and have not completed the high school qualifications you would normally need to gain entry.

ON-TIME APPLICATIONS
On-time applications are the first round of UAC applications. You can apply after the closing date for on-time applications, but extra application fees apply.

POSTGRADUATE
This term describes a student who has already completed an undergraduate degree and is enrolled in a higher-level degree, such as a graduate diploma, a master’s degree or a PhD.

RECOMMENDED SUBJECT
A recommended subject is not a prerequisite or assumed knowledge. You will not be disadvantaged if you have not completed it.

SA-HELP
Australian citizens and permanent humanitarian visa holders residing in Australia who are enrolled in an award course (or a bridging course for overseas-trained professionals) can defer the payment of their Student Services and Amenities fee (see 'SSA fee', below) to the tax office by obtaining an SA-HELP loan.

SEMESTER
A semester is the academic teaching period of about 14 weeks in duration. There are two semesters each year and they usually run from March to June and July to November.

STUDENT SERVICES AND AMENITIES FEE (SSA FEE)
This is a new fee that permits universities to charge students to support student services, amenities, advocacy, representation, and similar activities. See page 65 for more information on the SSA fee. Eligible students can defer payment of this fee with an SA-HELP loan (see above).

UAC
This is the Universities Admissions Centre (UAC), which receives and processes applications for admission to undergraduate courses at recognised universities in NSW and the ACT. Interstate equivalents to UAC include QTAC (Queensland), VTAC (Victoria), SATAC (South Australia) and TISC (Tasmania).

UNDERGRADUATE
This describes a student who is enrolled in a course leading to a diploma or a bachelor’s degree.

UNIT OF STUDY
This is an individual subject that you study as part of your degree. It is also the smallest stand-alone component of a student’s course that can be recorded on their transcript.
SUBJECT INDEX

Look through this list for the subject areas that interest you. Please note that you can only study some of these options as part of a combined degree. If you can’t find what you’re looking for, please call our helpline on 1300 362 006 or ask a question at sydney.edu.au/future_students

A

Agriculture and environmental studies
Agricultural Economics 45
Animal and Veterinary Bioscience 45
Commerce (includes all combined degrees) 47
Commerce (Liberal Studies) 47
Economics (includes all combined degrees) 47–48
Engineering (Civil) (Geotechnical) 49
Engineering (Civil) (Environmental) 49
Environmental Systems 50
Liberal Arts and Science 51
Resource Economics 52
Science (includes all combined degrees) 52–53
Science (Advanced) 53
Science (Advanced Mathematics) 53
Science in Agriculture 53
Veterinary Science 53

Architecture, design and planning
Design Computing 47
Design in Architecture (includes all combined degrees) 47
Engineering (Civil)/Design in Architecture 49
Engineering (Civil) 48
Engineering (Civil) (Construction Management) 49
Engineering (Civil) (Structural) 49
Project Management (Built Environment) 52

Arts, humanities and media studies
Arts (includes all combined degrees) 46
Arts (Advanced) (Honours) 46
Arts (Languages) 46
Arts (Media and Communications) 47
Commerce (Liberal Studies) 47
Education (Secondary: Humanities and Social Sciences)/Arts 48
International and Global Studies (includes all combined degrees) 51
Liberal Arts and Science 51
Political, Economic and Social Sciences (includes all combined degrees) 52

B

Business, commerce, marketing, management
Agricultural Economics 45
Arts (includes all combined degrees) 46
Commerce (includes all combined degrees) 47
Commerce (Liberal Studies) 47
Economics (includes all combined degrees) 47–48
Liberal Arts and Science 51
International and Global Studies (includes all combined degrees) 50–51
Political, Economic and Social Sciences (includes all combined degrees) 52
Project Management (Built Environment, Software, Civil Engineering Science) 52
Resource Economics 52
Science in Agriculture 53

Combined degrees
Applied Science (Exercise and Sport Science) /Master of Nutrition and Dietetics 45
Arts (Advanced) (Honours)/Medicine/Surgery 46
Arts (Media and Communications)/Laws 46
Arts/Laws 46
Arts/Master of Nursing 46
Commerce/Arts 47
Commerce/Law 47
Commerce/Medicine/Surgery 47
Commerce/Science 47
Design in Architecture/Laws 47
Economics/Laws 48
Economics/Medicine/Surgery 48
Education (Secondary Education: Mathematics)/Science 48
Education (Secondary Education: Science)/Science 48
Education (Secondary: Humanities and Social Sciences)/Arts 48
Engineering/Arts 49
Engineering/Commerce 49
Engineering (Civil)/Design Architecture 49
Engineering/Laws 49
Engineering/Medical Science 50
Engineering/Project Management 50
Engineering/Science 50
Health Sciences/Master of Nursing 50
Information Technology/Arts 50
Information Technology/Commerce 50
Information Technology/Laws 50
Information Technology/Medical Science 50
Information Technology/Science
International and Global Studies/Laws
Medical Science/Medicine/Surgery
Music Studies/Medicine/Surgery
Political, Economic and Social Sciences/Laws
Science (Advanced)/Medicine/Surgery
Science/Arts
Science/Laws
Science/Master of Nursing
Science/Master of Nutrition and Dietetics
Social Work/Arts
Veterinary Science

D
Dentistry
Oral Health

E
Economics
Agricultural Economics
Arts (includes all combined degrees)
Arts (Advanced) (Honours)
Arts (Media and Communications) (includes all combined degrees)
Commerce (includes all combined degrees)
Commerce (Liberal Studies)
Economics (includes all combined degrees)
Liberal Arts and Science
Political, Economic and Social Sciences (includes all combined degrees)
Resource Economics
Science in Agriculture

Education, teaching and training
Education (Early Childhood)
Education (Primary)
Education (Secondary Education: Mathematics)/Science
Education (Secondary Education: Science)/Science
Education (Secondary: Humanities and Social Sciences)/Arts
Education (Secondary: Human Movement and Health Education)
Music (Music Education)

Engineering and project management
Design in Architecture (includes all combined degrees)
Engineering (includes all combined degrees)
Engineering (Aeronautical)
Engineering (Aeronautical) (Space)
Engineering (Biomedical)
Engineering (Chemical and Biomolecular)
Engineering (Civil)
Engineering (Civil) (Construction Management)
Engineering (Civil) (Environmental)
Engineering (Civil) (Geotechnical)
Engineering (Civil) (Structural)
Engineering (Electrical) (Power)
Engineering (Electrical) (Telecommunications, Electrical, Computer)
Engineering (Flexible First Year)
Engineering (Mechanical)

Engineering (Mechanical) (Space)
Engineering (Mechatronic)
Engineering (Mechatronic) (Space)
Engineering (Software)
Project Management (Built Environment)
Project Management (Civil Engineering Science)
Project Management (Software)

H
Health, sports sciences
Applied Science (Exercise and Sport Science)
Applied Science (Exercise and Sport Science)/Master of Nutrition and Dietetics
Applied Science (Exercise Physiology)
Applied Science (MRI)
D iagnostic Radiography
Applied Science (Occupational Therapy)
Applied Science (Physiotherapy)
Applied Science (Speech Pathology)
Health Sciences
Liberal Arts and Science
Health Sciences/Master of Nursing
Medical Science (includes all combined degrees)
Oral Health
Science (includes all combined degrees)
Science/Master of Nutrition and Dietetics
I
Information technologies
  Computer Science and Technology
    Computer Science and Technology (Advanced)
    Design Computing
    Engineering (Electrical) (Telecommunications, Electrical, Computer)
    Engineering (Software)
    Information Technology (includes all combined degrees)
  Liberal Arts and Science
  Project Management (Software)
  Science (include all combined degrees)
  Visual Arts

L
Law
  Arts/Laws
  Arts (Media and Communications)/Laws
  Commerce/Laws
  Design in Architecture/Laws
  Economics/Laws
  Engineering/Laws
  Information Technology/Laws
  International and Global Studies/Laws
  Political, Economic and Social Sciences/Laws
  Science/Laws

M
Medicine
  Arts (Advanced) (Honours)/Medicine/Surgery
  Commerce/Medicine/Surgery
  Economics/Medicine/Surgery
  Engineering (Biomedical)
  Engineering/Medical Science
  Medical Science (includes all combined degrees)
  Medical Science/Medicine/Surgery
  Music Studies/Medicine/Surgery
  Science (Advanced)/Medicine/Surgery

Music
  Arts (includes all combined degrees)
  Diploma of Music
  Music (Composition)
  Music (Music Education)
  Music (Musicology)
  Music (Performance)
  Music Studies (includes all combined degrees)

N
Nursing
  Arts/Master of Nursing
  Health Sciences/Master of Nursing
  Nursing (Advanced Studies)
  Science/Master of Nursing

P
Pharmacy and Pharmacology
  Liberal Arts and Science
    Medical Science (includes all combined degrees)
    Pharmacy
    Science (includes all combined degrees)
    Science (Advanced)

Psychology
  Arts (includes all combined degrees)
  Commerce (Liberal Studies)
  Health Science
  Liberal Arts and Science
  Medical Science*
  Psychology
  Science (includes all combined degrees)
  Science (Advanced)

S
Science, Applied Technologies
  Agricultural Economics
  Animal and Veterinary Bioscience
  Applied Science (Exercise and Sport Science)/Master of Nutrition and Dietetics
  Applied Science (Exercise Physiology)
  Commerce/Science
  Computer Science and Technology
  Computer Science and Technology (Advanced)
Design Computing 47
Education (Secondary Education: Mathematics)/Science 48
Education (Secondary Education: Science)/Science 48
Engineering (Electrical) (Telecommunications, Electrical, Computer) 49
Engineering (Software) 49
Engineering/Science 50
Environmental Systems 50
Information Technology (includes all combined degrees) 50
Liberal Arts and Science 51
Medical Science (includes all combined degrees) 51
Oral Health 52
Project Management (Software) 52
Psychology 52
Resource Economics 52
Science (includes all combined degrees) 52–53
Science (Advanced Mathematics) 53
Science (Advanced) 53
Science in Agriculture 53
Veterinary Science 53

Social Sciences
Arts (includes all combined degrees) 46
Commerce (includes all combined degrees) 47
Commerce (Liberal Studies) 47
Economics (includes all combined degrees) 47–48
International and Global Studies (includes all combined degrees) 51
Law (includes all combined degrees) 46–53
Liberal Arts and Science 51
Political, Economic and Social Sciences (includes all combined degrees) 52
Psychology 52
Social Work 53

Social Work
Arts/Social Work 46
Social Work 53

V
Veterinary and animal science
Animal and Veterinary Bioscience 45
Science (includes all combined degrees) 52–53
Science in Agriculture 53
Veterinary Science 53

Visual and Creative Arts
Arts (includes all combined degrees) 46
Design Computing 47
Visual Arts 53

* Subject to approval by the Australian Psychology Accreditation Council
1. Get the UAC guide from your school (or visit www.uac.edu.au), and visit our website (sydney.edu.au/future_students) to read about the courses you’re interested in and check their entry requirements.


3. Explore your entry options (sydney.edu.au/ug-special). You might be eligible for a special-entry pathway.

4. Find out whether you are eligible for a scholarship (sydney.edu.au/scholarships).

5. Submit your application by 28 September 2012, through UAC (www.uac.edu.au). Scholarship applications are also due by this date.

6. Accept your offer and enrol. Main round offers are sent on 16 January 2013.

DON’T FORGET

7. You can contact us for advice on your specific course at any time. We’re always happy to hear from you. Phone us on 1300 362 006 or ask a question at sydney.edu.au/future_students