Forest Stewardship Council (FSC®) is a globally recognised certification overseeing all fibre sourcing standards. This provides guarantees for the consumer that products are made of woodchips from well-managed forests and other controlled sources with strict environmental, economical and social standards.
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About the University of Sydney
Where will postgraduate study lead you?

Whether you want to gain an edge in your career, change your direction or pursue a passion, the University of Sydney will steer you to places you never imagined.

With hundreds of postgraduate courses on offer across the University, we make it easy for you to tailor a degree to your personal needs and professional goals.

Our coursework and research degrees offer far more than knowledge. You’ll join leading thinkers to challenge the known and explore the unknown, in a stimulating environment that encourages both learning and networking.

We give you access to leading lecturers, research supervisors, industry networks, research and teaching centres, and a global network of respected alumni. This is one of the reasons why many of our graduates go on to change lives for the better, and why we are regularly ranked in the top 50 universities worldwide.*

Coursework degrees

If you want to take the next step in your career or develop academic expertise in your chosen field, master’s degrees are ideal. They typically require between one and two years of full-time study.

Graduate diplomas are normally based on master’s programs but don’t take as long to complete. They are a good option if you can’t commit to a full master’s degree, and they typically require one year of full-time study. Graduate certificates will suit you if you want to complete a short academic training course to further your career, or sample further study. They typically require six months of full-time study.

*QS World University Rankings 2015-16
You can usually transfer from either a graduate certificate or graduate diploma into a master’s qualification. In this way these degrees can act as a pathway if you don’t meet the master’s entry requirements.

Search online to find out the specific study mode offered for your course:
- sydney.edu.au/courses

Research at the University

We invest in research that changes the way we think about the world and how we live and work in it.

The University is a member of Australia’s prestigious Group of Eight network and the Association of Pacific Rim Universities. This association partners us with others that excel in research, including Stanford, Caltech, UC Berkeley and UCLA.

Our research is shaped by the big picture. We look at real-world problems from all angles, combining the expertise and talents of scholars from many disciplines.

In today’s workplace, postgraduate research graduates are increasingly valued for their analytical talents, time management, problem-solving skills, independence and acumen.

Our graduates end up in incredibly diverse fields, from research to policy, industry, management, government, business and international development, just to name a few.

Embarking on a research degree at the University of Sydney is an opportunity to work alongside some of the world’s brightest and most accomplished academics. We offer exceptional facilities, and we have an innovative edge and the drive to challenge traditional ways of thinking.

As a research student with us, you will have the support to contribute to research that makes a meaningful, real-world impact.

Learn more about our research degrees on page 26 of this guide and at:
- sydney.edu.au/study/find-a-course/postgraduate-research.html
Become a science leader

As a student with us you’ll join one of Australia’s largest postgraduate communities and a global network of leading thinkers.

Excellence in the sciences

Our reputation for scientific excellence attracts world-leading researchers, competitive research funding and prestigious international prizes. The University is home to numerous centres of excellence and multidisciplinary research hubs that are recognised as leaders in their field.

Outstanding facilities

As a student of the natural sciences you will have access to the latest research facilities and specialist equipment across several campuses and dedicated research centres – all located in one of the world’s most liveable cities. We are home to the Australian Institute for Nanoscale Science and Technology, the Charles Perkins Centre, and the Centre for Carbon, Water and Food.

Leadership focus

Many of our graduates have gone on to become inspirational world leaders in their fields, making real differences to people’s lives in Australia and across the globe. Our alumni have changed the face of global science and continue to inform national and worldwide science and health agendas.
Why study psychology?

Psychology is arguably one of the fastest developing and most exciting sciences of our time.

The scientific study of human behaviour and mental processes, psychology investigates how we behave in groups and as individuals, how we act and what we think, and how we interact with our physical environment as well as with each other. The outcomes of these investigations are applied to such diverse professional settings as the treatment of mental illness, job selection, health promotion and education policy.

“Studying clinical psychology opens up many different opportunities for work. Clinical psychology is a growing industry and offers a variety of fascinating areas to work in.”

Amanda Green
Bachelor of Psychology (Honours),
Doctor of Clinical Psychology/
Master of Science
Amanda is a clinical psychologist at the Northern Beaches Child and Adolescent Mental Health Service.
Clinical psychology

Postgraduate options in clinical psychology include the standalone Master of Clinical Psychology (MCP) coursework program and the combined degree – Master of Clinical Psychology and Doctor of Philosophy (MCP and PhD) – which incorporates both coursework and research.

Both programs adopt a scientific and evidence-based approach to clinical psychology. The treatment model is based on a cognitive-behavioural approach, with the introduction of alternative models of therapy in second year, ensuring depth and breadth of clinical training.

The programs include a minimum of 1200 hours of clinical placement experience. Qualified clinical psychologists provide supervised clinical practice in an on-campus psychology clinic and a range of external teaching hospitals and clinics.

The MCP and PhD gives you clinical and doctorate-level research training consistent with international standards of professional psychology. It comprises academic coursework, supervised clinical placements and research.

Accreditation

Both programs are accredited by the Australian Psychology Accreditation Council (APAC) and are approved qualifications for Associate Membership of the Australian Clinical Psychology Association (ACPA) and the APS College of Clinical Psychologists.

The Australian Health Practitioner Regulation Agency’s (AHPRA) Psychology Board of Australia (PBA) also recognises the programs for the purposes of registration and for endorsement of practice in clinical psychology.

Graduates are recognised by NSW Health as qualifying for progression to the grade of clinical psychologist.

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<tr>
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<th>Duration/entry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master of Clinical Psychology</td>
<td>APAC-accredited four-year bachelor’s degree in psychology with at least second class division 1 honours (2.1), or equivalent; referee reports; plus a selection interview</td>
<td>IELTS 7.0 (7.0)</td>
<td>96 credit points (consisting of 16 units of study, clinical placements and a research project)</td>
<td>082878M</td>
<td>4 semesters commencing in March</td>
</tr>
<tr>
<td>Master of Clinical Psychology/ Doctor of Philosophy</td>
<td>Completion of an APAC-accredited four-year bachelor’s degree in psychology from a university, gaining at least first class honours, or equivalent; referee reports; plus a selection interview</td>
<td>IELTS 7.0 (7.0)</td>
<td>96 credit points (consisting of 16 units of study, clinical placements) plus a PhD thesis</td>
<td>082918G</td>
<td>9 semesters (full time only) commencing in March</td>
</tr>
</tbody>
</table>
Coaching psychology

Coaching psychology is a relatively new and fast-growing approach to enhancing the performance, productivity and quality of life of individuals, organisations and the broader community. The program is an applied positive psychology course that sits at the intersection of counselling, clinical and organisational psychology.

There are currently very few universities worldwide that offer postgraduate qualifications in coaching psychology, and the University of Sydney is recognised as a world leader in the development of both coaching theory and its applications. The Master of Science in Coaching Psychology focuses on the applied science of human performance enhancement and coaching in business and organisational settings, providing a solid grounding in theory and methodology as well as fundamental applied skills.

The program prepares you to be a skilled professional capable of coaching in an extensive variety of settings and with a wide range of clients, including executive, management and personal coaching. It is taught by practising coaching psychologists and training and management consultants who all possess extensive experience in their specialised fields and have notable international reputations.

Accreditation

While there is no generally recognised professional qualification for coaches, the program is consistent with the International Coach Federation (ICF) core competencies. Hence, successful completion of the program may contribute towards accreditation on the ICF’s portfolio track.

This program does not qualify as an alternative fourth year for registration as a clinical psychologist, nor as an accredited honours-equivalent degree in psychology for the purposes of registration or membership of the Australian Psychological Society.

If you already have a four-year degree in psychology, you may be able to use this program as part of the requirements for registration as a psychologist via the supervision track.

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<th>Course name</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Master of Science in Coaching Psychology</td>
<td>Three-year bachelor’s degree in psychology: applicants with a three-year sequence in psychology or a cognate discipline will be considered. At least two years relevant employment experience is required.</td>
<td>IELTS 7.5 (6.0)</td>
<td>48 credit points (consisting of 3 core units of study plus 5 electives)</td>
<td>074185G</td>
<td>2 semesters (full time) or 4 semesters (part time) commencing in March</td>
</tr>
<tr>
<td>Graduate Diploma in Coaching Psychology</td>
<td>As above</td>
<td>IELTS 7.5 (6.0)</td>
<td>36 credit points (consisting of 3 core units of study plus 5 electives)</td>
<td>074184G</td>
<td>2 semesters (full time) or 3 semesters (part time) commencing in March</td>
</tr>
<tr>
<td>Graduate Certificate in Coaching Psychology</td>
<td>As above</td>
<td>Not available to international applicants</td>
<td>24 credit points (consisting of 4 units of study)</td>
<td>Not applicable</td>
<td>2 semesters (part time) commencing in March</td>
</tr>
</tbody>
</table>
Graduate Diploma in Psychology

The Graduate Diploma in Psychology (GDP) enables graduates from other disciplines to complete a major in psychology and provides a means of accessing postgraduate study in psychology. It includes units of study that are identical to the second- and third-year psychology units necessary for a psychology major in an undergraduate degree.

The Graduate Diploma in Psychology involves one-and-a-half years of combined full-time and part-time study, or the part-time equivalent.

To apply you need an appropriate undergraduate degree and successful completion of Psychology 1001 and Psychology 1002 or equivalent introductory psychology units of study within the past 10 years. If you have not already completed these two introductory psychology units of study, you may complete them as non-degree units during either regular semester or the Sydney Summer School. This requires a separate non-degree application.

**Accreditation**

The Graduate Diploma in Psychology meets the accreditation requirements of the Australian Psychology Accreditation Council for an undergraduate sequence in psychology, and may lead to a fourth year of study (honours or equivalent) in psychology.

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</tr>
</thead>
<tbody>
<tr>
<td>Graduate Diploma in Psychology</td>
<td>Relevant undergraduate degree. Successful completion of Psychology 1001 and Psychology 1002 or equivalent within the past 10 years</td>
<td>Not available to international applicants</td>
<td>48 credit points (consisting of 8 units of study)</td>
<td>Not applicable</td>
<td>3 semesters commencing in March or July (combined part time and full time)</td>
</tr>
</tbody>
</table>
Why study health?

Make your mark in the important health-related fields of nutrition and dietetics, and medical physics.

The study of nutrition and dietetics will launch you straight into a career as an accredited dietitian, providing practical training in human nutrition and access to eminent dietitians.

Studying medical physics will set you on the path to becoming a working medical physicist, giving you technical expertise to work within a clinical setting across different areas of medicine.

“When I studied dietetic treatment of eating disorders I realised I’d found the perfect hybrid of psychology and dietetics.”

**Claire Marnane**  
Bachelor of Science (Honours), Master of Nutrition and Dietetics.  
Claire is a clinical dietitian at Wesley Hospital, and a researcher in the Psychiatry Research and Teaching Unit at Liverpool Hospital.
Nutrition and dietetics

The study of nutrition and dietetics covers all aspects of human nutrition, including food science, nutrition science, dietary assessment, medical nutrition, public health, community nutrition and food service management. Such knowledge is applied to the prevention and management of today’s chronic lifestyle-related diseases.

The University of Sydney is a recognised leader in nutrition and dietetics education, having offered its first postgraduate course in the field in 1967. Our courses draw on the expertise of leading researchers and clinicians in nutrition science, public health, medicine and dietetics, who translate the latest research into evidence-based practice.

The Master of Nutrition and Dietetics (MNutrDiet) equips you with the skills for a career as a nutritionist or dietitian in clinical or public health, hospitals or private practice, or community health research.

The Master of Nutrition and Dietetics provides professional education for dietitians and nutritionists, building on major concepts from the study of human biochemistry and physiology to discuss the roles of nutrients, nutritional contents of food and diet in health and disease. It ensures that graduates reach dietetics competence in public health, medical nutrition therapy, food service management, communication, management, and research and evaluation.

Accreditation

The Master of Nutrition and Dietetics is accredited by the Dietitians Association of Australia (DAA).

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<th>Course name</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Master of Nutrition and Dietetics</td>
<td>Applicants for this course need to have a bachelor’s degree in science (or equivalent) from a recognised institution with a minimum credit average (65 percent).</td>
<td>IELTS 7.5 (6.5) No other test will be accepted</td>
<td>96 credit points (consisting of 48 credit points of first year units of study; 24 credit points being the dietetics training placement; and 24 credit points being the Nutrition Research Project)</td>
<td>082878M</td>
<td>4 semesters (full time only) commencing in March</td>
</tr>
</tbody>
</table>
Medical physics

Medical physics is the specialist application within a medical setting of radiation physics, dosimetry, imaging and radiobiology, and radiation detection and protection – crucial skills in the diagnosis and treatment of cancer and other diseases.

Studying medical physics provides you with the latest knowledge and techniques to apply in the fields of medical imaging, physiological monitoring, medical electronics and the diagnosis and treatment of cancer and other diseases.

The University of Sydney medical physics program is offered through the School of Physics, which has world-class teaching and research facilities and provides highly experienced staff through the Institute of Medical Physics and affiliated teaching hospitals and research institutes.

The Master of Medical Physics is the entry-level qualification that medical physicists require as clinical physical scientists.

It is designed to meet the growing global demand for graduate physical scientists with the specialised knowledge, skills and expertise to work within a clinical setting in the highly scientific and technical environment of medical physics.

It offers you a wide variety of coursework units of study in radiation physics, nuclear physics, radiation dosimetry, anatomy and biology, nuclear medicine, radiotherapy physics, medical imaging physics, image processing, radiation biology, health physics and research methodology.

Accreditation

The Master of Medical Physics is accredited by the Australasian College of Physical Scientists and Engineers in Medicine (ACPSEM).

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</thead>
<tbody>
<tr>
<td>Master of Medical Physics</td>
<td>A bachelor’s degree in Science or Engineering, with a major in physics and with a minimum grade point average of 65 percent</td>
<td>IELTS 6.5 (6.0)</td>
<td>72 credit points (consisting of 8 core units plus a research component)</td>
<td>074185G</td>
<td>3 semesters (full time) or 6 semesters (part time) commencing in March</td>
</tr>
<tr>
<td>Graduate Diploma in Medical Physics</td>
<td>A bachelor’s degree in science or engineering, with a major in physics</td>
<td>IELTS 6.5 (6.0)</td>
<td>48 credit points (consisting of 8 units of study)</td>
<td>050098D</td>
<td>2 semesters (full time)</td>
</tr>
</tbody>
</table>
Why study sustainability, agriculture and environment?

Environment and sustainability issues have never been more important – in Australia and around the world. The United Nations Development Programme describes climate change as the “defining human development issue of our generation”.

More than ever, people with knowledge and skills in agriculture, sustainability, environmental science and marine science will be called upon to find innovative solutions in a rapidly changing world.

Postgraduate coursework in the areas of sustainability and environmental science at the University of Sydney will equip you to play a vital role in the sustainable development, not just of our society but our entire planet.

“The multidisciplinarity of the Master of Sustainability at the University of Sydney, where we were able to tailor our studies by selecting from the University-wide variety of available topics tethered to core subjects, was a major attraction and differentiated it from other postgraduate sustainability programs.”

Jonathan Fox
Master of Sustainability
**Agriculture and environment**

Studying Agriculture and Environment gives you a high level of research-based education in agriculture and other managed ecosystems.

These courses will expand your knowledge in agricultural and environmental systems and develop your expertise in one of our four specialisations:

- Agricultural and Environmental Technologies
- Agricultural and Environmental Economics
- Forest and Atmosphere Interactions
- Horticulture Technologies.

Once you graduate, you will be able to use your expertise in Australia and overseas, working in research institutions, public and private enterprises in agriculture, horticulture, forestry and the environment. You could also work in relevant sections of the regulatory, banking and finance sectors.

The course will deepen your understanding of the key scientific and economic concepts and processes affecting managed systems and the environment. It will allow you to apply the knowledge you gain through research to develop sustainable solutions to critical issues within managed systems and the environment.

You will develop analytical skills through hands-on experience with advanced analytical and computer techniques and gain communication skills across a broad range of audiences.

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</thead>
<tbody>
<tr>
<td>Master of Agriculture and Environment</td>
<td>Bachelor’s degree with a credit average in agriculture, science or economics, or an equivalent qualification</td>
<td>IELTS 6.5 (6.0) IBT 90 (23/22)</td>
<td>72 credit points consisting of 4 core units (6 credit points each), 4 elective units (2 of which must be from a specialisation area) (6 credit points each) and 4 capstone research elective units (6 credit points each)</td>
<td>084693D</td>
<td>3 semesters (full time) commencing in March or July</td>
</tr>
<tr>
<td>Graduate Diploma in Agriculture and Environment</td>
<td>Bachelor’s degree in agriculture, science or economics, or an equivalent qualification</td>
<td>IELTS 6.5 (6.0) IBT 90 (23/22)</td>
<td>48 credit points (8 units of study, consisting of 4 core units and 4 elective units (2 of which must be from a specialisation area)</td>
<td>084694C</td>
<td>2 semesters (full time) commencing in March or July</td>
</tr>
</tbody>
</table>
Environmental science

Environmental science is concerned with our natural and human-made surroundings, and how we can utilise or manage these for the benefit of humanity.

It draws on a wide range of science-based disciplines and applications, from ecology to solar power, analytical chemistry and remote sensing. This field of study also examines the social issues that shape environmental outcomes, including environmental law and policy, sustainability, and resource economics.

Environmental scientists and managers need to have a broad interdisciplinary knowledge base and the ability to apply this flexibly and innovatively, so these programs span and integrate several disciplines, and develop your problem-solving skills.

Our programs accommodate both the professional environmental scientist seeking a further qualification, and those with a science background who are looking for a new career direction. We have a range of specialist streams on offer so you can focus on specific areas of study.

We aim to provide you with an understanding of the scientific basis of environmental issues, how these issues are embedded within social systems, and how to apply your knowledge to solving real-world environmental problems. You will gain both research and applied practical skills.

Research pathway

If you maintain a distinction average, you may apply to complete the research pathway in which you take on an individualised research project under the supervision of an academic staff member. If you successfully complete this project, you will be eligible to apply for a research program such as a Master of Science or Doctor of Philosophy.

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<th>Course name</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Master of Environmental Science</td>
<td>Bachelor of Science, with a credit average, in at least one of the following disciplines: biology, chemistry, physics, mathematics, ecology, climate and atmospheric sciences, marine science, geology, geography, environmental studies, environmental engineering, agriculture and/or natural resource management; or a bachelor’s degree in any discipline, in addition to successfully completing 3 units of undergraduate science (biology, chemistry, geography) at the University of Sydney with a credit average.</td>
<td>IELTS 6.5 (6.0) IBT 90 (23/22)</td>
<td>72 credit points (12 units of study, consisting of 5 core units and 7 elective units)</td>
<td>082877A</td>
<td>3 semesters (full time) commencing in March or July</td>
</tr>
<tr>
<td>Graduate Diploma in Environmental Science</td>
<td>Bachelor of Science with a pass average, in one of the disciplines listed above, or a bachelor’s degree in any discipline, in addition to successfully completing 3 units of undergraduate science (biology, chemistry, geography) at the University of Sydney with a pass average</td>
<td>IELTS 6.5 (6.0) IBT 90 (23/22)</td>
<td>48 credit points (8 units of study, consisting of 4 core units and 4 elective units)</td>
<td>074173M</td>
<td>2 semesters (full time) commencing in March or July</td>
</tr>
<tr>
<td>Graduate Certificate in Environmental Science</td>
<td>Bachelor of Science with a pass average in one of the disciplines listed in the Master of Environmental Science (above), or a bachelor’s degree in any discipline, in addition to successfully completing 3 units of undergraduate science (biology, chemistry, geography) at the University of Sydney with a pass average</td>
<td>IELTS 6.5 (6.0) IBT 90 (23/22)</td>
<td>24 credit points (4 units of study, consisting of 3 core units and 1 elective unit)</td>
<td>074172A</td>
<td>1 semester (full time) commencing in March or July</td>
</tr>
</tbody>
</table>
This course provides you with an introduction to environmental law and policy. It integrates disciplines that are usually considered separately, and provides you with the opportunity to extend your scientific knowledge into environmental areas, as well as law.

The program offers a qualification to complement your environmental experience and the opportunity to acquire knowledge in policy and management.

Our graduates have strong theoretical knowledge and practical skills in aspects of environmental science and environmental law.

Studying Environmental Science and Law at the University of Sydney offers a unique blend of law and environmental science. We are home to the world-renowned Australian Centre for Climate and Environmental Law, with its outstanding research resources.

Our graduates can be found in the fields of environmental management and policy development, and in private consultancies. This program does not qualify you to practise as a lawyer.

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</thead>
<tbody>
<tr>
<td>Master of Environmental Science and Law</td>
<td>Bachelor of Science in the discipline of biology, chemistry, physics, mathematics, ecology, climate and atmospheric sciences, marine science, geology, geography, environmental studies, environmental engineering, agriculture or natural resource management with a credit average, or equivalent qualification</td>
<td>IELTS 7.0 (6.0) IBT 100 23/22</td>
<td>72 credit points, consisting of 3 core units (6 credit points each), 3 environmental science units (6 credit points each), 3 environmental law units (6 credit points each) and 3 additional units from within the study area (6 credit points each)</td>
<td>083651M</td>
<td>3 semesters (full time) commencing in March or July</td>
</tr>
</tbody>
</table>
Marine science and management

Studying marine science and management offers a unique opportunity to gain in-depth knowledge in a range of disciplines, including the science and management of coasts, marine ecology and conservation, coral reefs, climate change, oceanography (physical, geological and biological) and engineering (coastal and marine).

We have developed these programs in collaboration with the Sydney Institute of Marine Science and its partner universities.

These programs will equip you with the skills, knowledge and confidence to work in the multidisciplinary field of marine science. You will gain both the theoretical understanding and practical skills to connect marine processes with managing such a dynamic environment. Topics include coastal management, modelling, geographic information systems, ecological statistics, remotely sensed data analysis and marine and coastal law.

These programs are ideal if you are seeking a marine science qualification for entry into the field, or if you wish to gain new and specialised skills in a range of theoretical and practical applications to extend your area of expertise. You may be looking to progress in your career, refresh your skills or undertake a career change.

### Research pathway

If you are maintaining a distinction average, you may apply to complete the research pathway in which you take on an individualised research project under the supervision of an academic staff member. If you successfully complete this project, you will be eligible to apply for a research program such as a Master of Science or Doctor of Philosophy.

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</thead>
<tbody>
<tr>
<td>Master of Marine Science and Management</td>
<td>Bachelor of Science, with a credit average, in biology, chemistry, physics, mathematics, ecology, climate and atmospheric sciences, marine science, geosciences, geography, geology, environmental studies, environmental engineering, civil engineering, aquaculture, agriculture or natural resource management, or equivalent qualification</td>
<td>IELTS 6.5 (6.0)</td>
<td>72 credit points (12 units of study across three areas including: 4 core units, 6 electives from the University of Sydney and 2 elective units taken with partner universities under the equivalent master's program (University of NSW, University of Technology Sydney, Macquarie University) through cross-institutional study)</td>
<td>083318B</td>
<td>3 semesters (full time) commencing in March or July</td>
</tr>
<tr>
<td>Graduate Diploma in Marine Science and Management</td>
<td>Bachelor's degree with a pass average, in one of the disciplines listed above</td>
<td>IELTS 6.5 (6.0)</td>
<td>48 credit points (8 units of study, across two areas including: 4 core units, 2 electives from the University of Sydney and 2 elective units taken from the other partner universities under the equivalent master's program (see Master of Marine Science and Management, above)</td>
<td>074731G</td>
<td>2 semesters (full time) commencing in March or July</td>
</tr>
<tr>
<td>Graduate Certificate in Marine Science and Management</td>
<td>As for the graduate diploma, above</td>
<td>Not available to international students</td>
<td>24 credit points (4 units of study consisting of 2 core units of study and 2 elective units)</td>
<td>Not applicable</td>
<td>2 semesters (part time only) commencing in March or July</td>
</tr>
</tbody>
</table>
By focusing on vital global issues, your studies in sustainability will equip you to advance your career in diverse areas such as environmental science, finance, law, urban planning, sustainable building design and public health.

You’ll learn about energy conservation, population health, food security, sustainability policy, and how to use sustainability analysis tools.

These programs equip you with the skills, knowledge and confidence to work in the growing and multidisciplinary field of sustainability. You will gain both the theoretical understanding and applied skills to connect sustainability processes with specific areas of business, development, health and policy, among others.

These flexible programs allow you to tailor your electives to your background and career interests. At the master’s level, you can choose a capstone research project that suits your interests and takes your career in the direction you want.

Enhance your existing qualifications with an understanding of complex sustainability challenges and master the tools to measure, report on and develop solutions to these challenges. Progress in your career, refresh your skills or undertake a career change.

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<tr>
<td>Master of Sustainability</td>
<td>Bachelor’s degree with a credit average or equivalent qualification</td>
<td>IELTS 6.5 (6.0) IBT 90 (23/22)</td>
<td>72 credit points, consisting of 6 core units (6 credit points each), 2 elective units (6 credit points each) and a capstone experience (24 credit points). The capstone experience is a research-activity involving at least two themes in sustainability (for example, analysis and policy). You will select a research topic in consultation with an academic adviser.</td>
<td>068694C</td>
<td>3 semesters (full time) commencing in March or July</td>
</tr>
<tr>
<td>Graduate Diploma in Sustainability</td>
<td>Bachelor’s degree or equivalent qualification</td>
<td>IELTS 6.5 (6.0) IBT 90 (23/22)</td>
<td>48 credit points, consisting of 6 core units (6 credit points each) and 2 elective units (6 credit points each).</td>
<td>068693D</td>
<td>2 semesters (full time) commencing in March or July</td>
</tr>
<tr>
<td>Graduate Certificate in Sustainability</td>
<td>Bachelor’s degree or equivalent qualification</td>
<td>IELTS 6.5 (6.0) IBT 90 (23/22)</td>
<td>24 credit points (4 units of study consisting of 2 core units of study and 2 elective units)</td>
<td>068692E</td>
<td>1 semester (full time) commencing in March or July</td>
</tr>
</tbody>
</table>
Why study veterinary and animal sciences?

Our courses are designed for busy veterinarians and animal scientists to advance your knowledge and skills to meet the challenges of a rapidly changing world.

Our postgraduate coursework programs allow you to extend your skills and expand your opportunities in a variety of areas such as veterinary public health, genetics and genomics, biotechnology, nutrition, reproduction and veterinary studies.

Enhance your career with skills in managing animal health and disease, and in protecting and advancing animal, human and environmental health and welfare locally and globally.

“In the DVM, the hospital rotations and practical animal handling days out at Camden are the most enjoyable. Veterinary science at Sydney also ranks very highly in worldwide university rankings.”

Andrew Crosland
Current Doctor of Veterinary Medicine student
The University of Sydney’s Doctor of Veterinary Medicine (DVM) is an innovative graduate-entry program, with graduates eligible for registration as veterinary practitioners.

Our faculty is internationally recognised and accredited, so when you graduate you have the potential to work all over the world.

Teaching is research driven, to ensure that you learn about the latest developments and advances in evidence-based practice, veterinary medical research, animal behaviour, animal welfare science and veterinary public health. The integrated curriculum provides you with clinical and professional skills training, clinical exposure and animal handling from your first semester.

Your studies will take place within a ‘one health’ framework, ensuring that you understand the critical role of the veterinary professional in animal, human and ecosystem health at local, national and global levels.

<table>
<thead>
<tr>
<th>Course name</th>
<th>Admission requirements</th>
<th>English</th>
<th>Course requirements</th>
<th>CRICOS code</th>
<th>Duration/entry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doctor of Veterinary Medicine</td>
<td>Bachelor’s degree with prerequisites in Chemistry, Biology, Biochemistry. All candidates must submit a ‘Commitment Statement’.</td>
<td>IELTS 7.0 (7.0) IBT 100 (25/24)</td>
<td>16 units of study including supervised research and elective rotations</td>
<td>079224J</td>
<td>8 semesters commencing in March</td>
</tr>
</tbody>
</table>
Animal science

Rapid developments in animal research and production technologies have made the latest knowledge and techniques highly sought after by employers in these fields.

The Master of Animal Science will enhance your career options in animal science, offering specialisations (streams) in animal genetics, nutrition and reproduction.

The postgraduate program develops core technical skills in your chosen stream, while giving you a wide range of electives from which to choose, dealing with exciting new developments and innovations. You will learn from leading researchers in areas such as Advanced Reproduction Techniques (ART), genomics, biotechnology, animal welfare and behaviour science. You will also have the opportunity to apply your skills in specific industries, such as beef, dairy, pig, poultry and aquaculture.

<table>
<thead>
<tr>
<th>Course name</th>
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<th>English</th>
<th>Course requirements</th>
<th>CRICOS code</th>
<th>Duration/entry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master of Animal Science</td>
<td>Candidates with a bachelor’s degree are required to complete 72 credit points. Those with a bachelor’s degree with honours (or equivalent) may only be required to complete 48 credit points.</td>
<td>IELTS 7.0 (6.5) IBT 100 (24/22)</td>
<td>2 core units in the area of major, a research project and 2 to 6 elective coursework units</td>
<td>084695B</td>
<td>2–3 semesters commencing in March or July</td>
</tr>
<tr>
<td>Graduate Diploma in Animal Science</td>
<td>Candidates with a bachelor’s degree are required to complete 48 credit points. Those with a bachelor’s degree with honours (or equivalent) may only be required to complete 36 credit points.</td>
<td>IELTS 7.0 (6.5) IBT 100 (24/22)</td>
<td>2 core units in the area of a major, electives or research project, or combination of the two</td>
<td>055414A</td>
<td>1.5–2 semesters commencing in March or July</td>
</tr>
<tr>
<td>Graduate Certificate in Animal Science</td>
<td>Bachelor’s degree. Admission is also possible on the basis of relevant work experience, with permission from the Dean.</td>
<td>IELTS 7.0 (6.5) IBT 100 (24/22)</td>
<td>2 core units and 2 electives</td>
<td>055415M</td>
<td>1 semester commencing in March or July</td>
</tr>
</tbody>
</table>
Master of Veterinary Public Health Management

This program is an award-winning distance education program that enhances the careers of busy animal health professionals. We have a 10-year track record of producing industry-ready graduates. Students typically work full time and join us from diverse locations such as the United States, Canada, New Zealand, the United Kingdom, Hong Kong and Singapore.

Developed in response to an increasing need for national confidence in the management of animal and public health issues and the ability to influence national policy, this program combines technical competence in sciences that impact biosecurity and public health with leadership and management skills. The course suits those already working in a veterinary public health field or seeking a career change.

Master of Veterinary Public Health

This program is run entirely as a distance program, requiring no visits to Sydney. It is focused on the development of high-level technical skills and is designed for busy people who are working full time.

Offered in conjunction with the Veterinary Public Health Management program and the Faculty of Medicine’s Master of Public Health, the program provides interaction between animal health professionals working in many parts of the world on a range of relevant issues.

The program was developed in response to an increasing need for national confidence in the management of animal and public health issues. It covers scientific and technical disciplines relevant to the prevention of animal disease outbreaks and the management of animal health. Especially tailored for those unable to visit the Sydney campus, the program allows you to develop advanced skills in veterinary epidemiology, biostatistics, advanced data analysis, animal health economics and a range of other related areas that will enable you to contribute to the public and economic health of society.

<table>
<thead>
<tr>
<th>Course name</th>
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<th>Course requirements</th>
<th>CRICOS code</th>
<th>Duration/entry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master of Veterinary Public Health</td>
<td>Bachelor’s degree in a relevant field</td>
<td>IELTS 7.0 (6.5) IBT 100 (24/22)</td>
<td>Core and elective units of study plus a research project to total 48 credit points. A Weighted Average Mark (WAM) of 70 or more in the first 24 credit points of study.</td>
<td>Not applicable</td>
<td>6–8 semesters (part time only) commencing in March or July</td>
</tr>
<tr>
<td>Graduate Diploma in Veterinary Public Health</td>
<td>Bachelor’s degree in a relevant field</td>
<td>IELTS 7.0 (6.5) IBT 100 (24/22)</td>
<td>Core and elective units of study to total 36 credit points</td>
<td>Not applicable</td>
<td>4–6 semesters (part time only) commencing in March or July</td>
</tr>
<tr>
<td>Graduate Certificate in Veterinary Public Health</td>
<td>Bachelor’s degree in a relevant field</td>
<td>IELTS 7.0 (6.5) IBT 100 (24/22)</td>
<td>7 core units of study totalling 24 credit points</td>
<td>Not applicable</td>
<td>2–4 semesters (part time only) commencing in March or July</td>
</tr>
<tr>
<td>Master of Veterinary Public Health Management</td>
<td>Bachelor’s degree in a relevant field</td>
<td>IELTS 7.0 (6.5) IBT 100 (24/22)</td>
<td>Core and elective units of study plus a research project, to total 48 credit points. A WAM of 70 or more in the first 24 credit points of study.</td>
<td>Not applicable</td>
<td>6–8 semesters (part time only) commencing in March or July</td>
</tr>
<tr>
<td>Graduate Diploma in Veterinary Public Health</td>
<td>Bachelor’s degree in a relevant field</td>
<td>IELTS 7.0 (6.5) IBT 100 (24/22)</td>
<td>Core and elective units of study to total 36 credit points</td>
<td>Not applicable</td>
<td>4–6 semesters (part time only) Commencing in March or July</td>
</tr>
<tr>
<td>Health Management</td>
<td>Bachelor’s degree in a relevant field</td>
<td>IELTS 7.0 (6.5) IBT 100 (24/22)</td>
<td>4 core units of study totalling 24 credit points</td>
<td>Not applicable</td>
<td>2–4 semesters Commencing March or July</td>
</tr>
</tbody>
</table>
Veterinary studies

The Veterinary Studies program offers an opportunity for you to design the course of study you need to support your preferred career in an animal-related field.

This flexible coursework program allows you to build a personally tailored course by selecting from the range of postgraduate units of study offered in the Faculty of Veterinary Science.

Common pathways include:
- veterinary public health studies on campus for international students
- a combination of veterinary public health and wildlife studies
- a combination of animal science and veterinary epidemiology online
- a program with an emphasis on animal behaviour and animal welfare.

<table>
<thead>
<tr>
<th>Course name</th>
<th>Admission requirements</th>
<th>English</th>
<th>Course requirements</th>
<th>CRICOS code</th>
<th>Duration/entry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master of Veterinary Studies</td>
<td>Candidates with a bachelor’s degree are required to complete 72 credit points. Those with a bachelor’s degree with honours (or equivalent) may only be required to complete 48 credit points. Please note: this program will not train international veterinarians for registration in Australia.</td>
<td>IELTS 7.0 (6.5) IBT 100 (24/22)</td>
<td>Units of study and a research project, chosen in consultation with the faculty</td>
<td>CRICOS 084696A</td>
<td>2–3 semesters commencing in March or July</td>
</tr>
<tr>
<td>Graduate Diploma in Veterinary Studies</td>
<td>Candidates with a bachelor’s degree are required to complete 48 credit points. Those with a bachelor’s degree with honours (or equivalent) may only be required to complete 36 credit points.</td>
<td>IELTS 7.0 (6.5) IBT 100 (24/22)</td>
<td>Units of study chosen in consultation with the faculty</td>
<td>CRICOS 055414A</td>
<td>1.5–2 semesters commencing in March or July</td>
</tr>
<tr>
<td>Graduate Certificate in Veterinary Studies</td>
<td>Bachelor's degree. Admission is also possible on the basis of relevant work experience, with the Dean's permission.</td>
<td>Not available to international students</td>
<td>Units of study totalling 24 credit points</td>
<td>Not applicable</td>
<td>1 semester commencing in March or July</td>
</tr>
</tbody>
</table>
Wildlife health and population management

The Master in Wildlife Health and Population Management is a unique combination of the veterinary and biological sciences, which emphasises the need for a multidisciplinary team approach in the development of wildlife management strategies.

The units of study in this program bring together the disciplines of animal health and wildlife population management, providing you with a coordinated approach to recognising and solving problems in both wild and captive populations.

This program would suit you if you are interested in expanding your knowledge of wildlife conservation to include wildlife health and population management, particularly if you are:

− a recent graduate in science or veterinary science
− a practising veterinarian
− an officer in a local, state or federal government agency involved in environmental science, environmental management or natural resource management who wishes to extend your knowledge to wildlife health and the management of native and pest animal species
− an environmental consultant.

<table>
<thead>
<tr>
<th>Course name</th>
<th>Admission requirements</th>
<th>English</th>
<th>Course requirements</th>
<th>CRICOS code</th>
<th>Duration/entry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master of Wildlife Health and Population Management</td>
<td>Candidates with a bachelor’s degree are required to complete 72 credit points. Those with a bachelor’s degree with honours (or equivalent) may only be required to complete 48 credit points.</td>
<td>IELTS 7.0 (6.5) IBT 100 (24/22)</td>
<td>11 units of study including a supervised research project</td>
<td>CRICOS 084697M</td>
<td>2-3 semesters commencing in July</td>
</tr>
</tbody>
</table>
Research degrees

Our research programs are designed to help you advance your research interests while also developing professional skills and networks.

Research is an incredible opportunity for you to extend your knowledge, build practical skills and pursue your passion in a specialist subject.

If you are interested in pursuing a research degree within the natural sciences, these are your options.

<table>
<thead>
<tr>
<th>Course name</th>
<th>Admission requirements</th>
<th>CRICOS code</th>
<th>Duration/entry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doctor of Philosophy (PhD) in Agriculture</td>
<td>One of the following in a subject area related to your proposed research area: bachelor's degree with first class or second class honours; or master's degree by research; or master's degree by coursework with an independent research component such as a thesis, dissertation or research project with a minimum overall credit average.</td>
<td>000665C</td>
<td>3-4 years full time or equivalent</td>
</tr>
<tr>
<td>Master of Philosophy in Agriculture</td>
<td>One of the following in a relevant subject area: bachelor's degree with first class or second class honours; or bachelor's degree with a minimum overall credit average in the senior level unit(s) of study relevant to the proposed area of research; master's degree by research; or master's degree by coursework with an independent research component such as a thesis, dissertation or research project.</td>
<td>074191J</td>
<td>2 years full time or equivalent</td>
</tr>
<tr>
<td>Doctor of Philosophy (PhD) in Science</td>
<td>One of the following in a subject area related to your proposed research area: bachelor's degree with first class honours; or master's degree by research such as the MPhil (Science); or master's degree by coursework in a relevant subject area with an independent research component such as a thesis, dissertation or research project with a minimum overall credit average; or Graduate Diploma of Science with a final mark of at least 80.</td>
<td>000722K</td>
<td>3-4 years full time or equivalent</td>
</tr>
<tr>
<td>Master of Philosophy (Science)</td>
<td>One of the following in a subject area related to your proposed research area: bachelor's degree with a minimum overall credit average in the senior level unit(s) of study relevant to the proposed area of research; or master's degree; or Graduate Diploma of Science with a final mark of at least 80.</td>
<td>086400F</td>
<td>1.5-2 years full time, 3-4 years part-time</td>
</tr>
<tr>
<td>Graduate Diploma in Science</td>
<td>Bachelor's degree from the Faculty of Science or equivalent qualification, containing a minimum of 24 credit points of senior units of study (or equivalent at another institution) relating to the nominated science subject area of study.</td>
<td>012846K</td>
<td>1 year full time, 2 years part-time</td>
</tr>
<tr>
<td>Doctor of Philosophy (PhD) in Veterinary Science</td>
<td>One of the following in a subject area related to your proposed research area: bachelor's degree with first or second class honours; or master's degree.</td>
<td>006461M</td>
<td>3-4 years full time or equivalent</td>
</tr>
<tr>
<td>Master of Science in Veterinary Science</td>
<td>Bachelor's degree in a relevant area with first or second class honours.</td>
<td>008425K</td>
<td>2 years full time or equivalent</td>
</tr>
<tr>
<td>Master of Veterinary Clinical Studies</td>
<td>Bachelor of Veterinary Science or equivalent.</td>
<td>008426J</td>
<td>2 years full time or equivalent</td>
</tr>
<tr>
<td>Master of Veterinary Science</td>
<td>One of the following in a subject area related to your proposed research area: bachelor's degree with first or second class honours; or bachelor's degree with completed work equivalent to honours.</td>
<td>008427G</td>
<td>2 years full time or equivalent</td>
</tr>
</tbody>
</table>
How to apply

Postgraduate coursework
If you are a domestic or international applicant, apply online by following these steps:
- Find your course at sydney.edu.au/courses
- Make sure that you meet the admission criteria, including academic and English language requirements.
- Click the ‘apply now’ button.

Credit for previous studies
You can also apply for credit for prior studies in some courses, which can significantly reduce the length of your degree.

You may be eligible for credit if your previous studies are assessed as being directly equivalent to our units of study. Credit arrangements vary by course. For more information, visit:
- sydney.edu.au/study/credit

Research degrees

Step 1: Find a supervisor
Firstly, you need to contact a suitable member of the academic staff and present them with an initial proposal outlining your proposed topic of research.

Research Supervisor Connect matches your research interests to available research opportunities and supervisors.
- sydney.edu.au/research-opportunities.shtml

Ideally, your prospective supervisor will have agreed to supervise you before you apply.

Step 2. Develop an initial research proposal
You need to develop an initial research proposal in conjunction with a member of the faculty’s academic staff who has agreed to be your research supervisor.

The proposal should be 1500 to 2000 words and include these details:
- working title for the project
- academic staff contact or potential supervisor
- your proposed topic area
- objectives for the research
- synopsis of the key aspects of your research
- some indication of what research has already been done in that area
- significance of the research topic
- methodology to be used in the research
- resources that you will need to carry out the research
- work plan for how and when you will complete the stages of your research.

Step 3. Revise and finalise your research proposal
With your academic contact/s, you will refine your research proposal ready for submission with your formal application.

Step 4. Complete the application form
Submit your application online at:
- sydney.edu.au/courses

The Australian Qualifications Framework
The Australian Qualifications Framework (AQF) provides national standards for qualifications in the education and training system.

The University of Sydney’s Master of Philosophy (MPhil) is the second–highest qualification on the framework, and the Doctor of Philosophy (PhD) is the highest qualification.
- www.aqf.edu.au

Still have questions?
For more information about the application process (or anything else), please submit a question online:
- sydney.edu.au/ask
Fees and costs

Domestic students

Most domestic postgraduate students study in a fee-paying place, however, a limited number of Commonwealth supported places (CSPs) may be available for some courses, on a competitive basis. Refer to your chosen course in sydney.edu.au/courses to determine if it offers CSPs.

The tuition fees and, where applicable, student contributions on sydney.edu.au/courses are an estimate only of the fees payable in the advertised calendar year of study. Fees are based on a full-time student enrolment load of 24 credit points per semester, or 48 credit points per year (1.0 EFTSL). If your study load for the year is more or less than 1.0 EFTSL your tuition fee or student contribution amount will differ. Exact student contribution amounts for your course will depend on the specific units of study in which you enrol.

The Australian Government administers the Higher Education Loan Programme (HELP) to assist students with the cost of their fees. To find out if you are eligible to access HELP, visit www.studyassist.gov.au

Research Training Scheme (RTS)

Domestic students undertaking a higher degree by research are covered by the Research Training Scheme (RTS) and are exempt from the payment of tuition fees, but only up to the government-specified maximum for the course. For more information on RTS, visit sydney.edu.au/rts

International students

The tuition fees on sydney.edu.au/courses are an estimate only of the fees payable in the advertised calendar year of study. Fees are based on a full-time student enrolment load of 24 credit points per semester, or 48 credit points per year (1.0 EFTSL). If your study load for the year is more or less than 1.0 EFTSL your tuition fee will differ.

Annual review

The University’s tuition fees for domestic and international postgraduate students are subject to annual review, and will increase each year of your period of study, effective at the start of each calendar year. Student contribution amounts are also reviewed annually by the University, and will increase each year of your period of study (subject to a maximum student contribution amount determined by the Australian Government), effective at the start of each calendar year. For more information, visit www.studyassist.gov.au

Other costs

In addition to fees, you should budget for:

- additional course costs. Some costs are significant for faculty-specific materials and textbooks, tools, protective clothing, and equipment. For more information about additional costs, visit your faculty’s website at sydney.edu.au/faculties
- the Student Services and Amenities (SSA) fee.

The following costs are specific to international students:

- health insurance through the Overseas Student Health Cover (OSHC) scheme. This is an Australian Government requirement for student visa holders: sydney.edu.au/pg-int-health
- education expenses for students’ children: schools.nsw.edu.au/international
- living expenses such as food and rent: sydney.edu.au/study/finances-fees-costs/living-costs.html

More information

For more information about course-related and other incidental costs, financial assistance, loans, upfront tuition fee payments (international students), and the availability of scholarships, please visit: sydney.edu.au/study/finances-fees-costs.html
If you have other specific questions about fees or need more information, please get in touch with us: sydney.edu.au/contact-us

Method of payment

There are several ways you can pay the fees that apply to your study. Please note that a surcharge of 0.8 percent will apply for payments made by Visa or MasterCard. The surcharge is subject to review and may change. Information about payment methods and the surcharge is set out at: sydney.edu.au/study/finances-fees-costs/fees-and-loans/paying-your-fees.html
Important dates

Semester 2, 2016 applications close
30 June 2016*

Open Day
27 August 2016

Postgraduate Information Evening
12 October 2016

Semester 1, 2017 applications close
31 January 2017*

To find out about other important University dates, please visit
− sydney.edu.au/dates

*Some exceptions apply. Please search for your course online to check exact closing dates.
This guide provides the key information you need to apply for a postgraduate degree in the natural sciences, but the next step is up to you.

To learn more, come and see us on Open Day, attend one of our postgraduate information sessions, call our helpline or visit our website.

sydney.edu.au/postgraduate