POSTGRADUATE COURSEWORK
SUSTAINABILITY, AGRICULTURE AND ENVIRONMENT

NATURAL SCIENCES

THE UNIVERSITY OF SYDNEY
Environment and sustainability issues have never been more important – in Australia and around the world.

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The United Nations Development Programme describes climate change as the ‘defining human development issue of our generation’. At the same time, the UN Food and Agriculture Organization articulates ‘the sustainable management and utilisation of natural resources, including land, water, air, climate and genetic resources for the benefit of present and future generations’ as one of its main goals.

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.

As governments, corporations and research scientists focus on sustainability and environmental issues, new career opportunities are opening up.

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 of our society – and our planet.
WHY STUDY WITH US

Research excellence
The University of Sydney is ranked in the top 40 universities in the world by the QS World University Rankings 2013-14. The SCImago Institutions Rankings World Report, which measures international research rankings, has ranked the University of Sydney first in Australia and first in the Oceania region for scientific output for the past five years.

Our reputation for scientific excellence attracts the best researchers, considerable research funding and prestigious prizes. Our award-winning researchers collaborate across many disciplines to address humanity’s greatest challenges. Driven by innovation, their progressive approach pioneers new ways of thinking and pushes the boundaries of knowledge.

The Division of Natural Sciences is home to numerous centres of excellence. It is an integral part of multidisciplinary research hubs at the University such as the new Charles Perkins Centre, the Centre for Carbon, Water and Food, and the Australian Centre for Microscopy and Microanalysis.

Excellence in teaching and learning
The University of Sydney attracts some of the best students from within Australia and around the world.

We provide the highest quality learning and teaching and foster intellectual inquiry, academic freedom and integrity, and ethical practice in all our academic endeavours. At our heart is an exciting and stimulating student-centred learning and teaching environment.

Supporting our students
At the University of Sydney we offer professional development activities, specialist postgraduate study skills workshops, and networking events to enhance your career prospects. We also offer a range of support services including the Careers Centre, an accommodation information service, financial assistance and disability services, to name just a few.

We create leaders
Many of our graduates have gone on to become inspirational leaders, making a positive difference in Australia and around the world. Our alumni have changed the face of global science and continue to change our national and worldwide agendas.

A rich and vibrant student life
With hundreds of clubs and societies, cafes, bars, bands, theatre productions, three sporting complexes, and Australia’s oldest student newspaper, Honi Soit, you will be a part of Australia’s most vibrant and active student community.

Our campus
As a student in the natural sciences, you will have access to the latest research facilities and specialist equipment across our campuses and research centres. We invite you to enjoy the University of Sydney’s beautiful campus, home to a combination of rich heritage and modern architecture, and located in inner Sydney, one of the world’s most livable cities.

THE SYDNEY ADVANTAGE
The Master of Agriculture and Environment provides you with a high level of research-based education in agriculture and other managed ecosystems. This course is for students who are keen to expand their knowledge in agricultural and environmental systems and develop their expertise in one of our four specialisations.

Graduates of this program are experts in Australia and overseas in research institutions, public and private enterprises in agriculture, horticulture, forestry and the environment. They can also be found in the relevant sections of the regulatory, banking and finance sectors.

This course aims to:
- deepen your understanding of the key scientific and economic concepts and processes affecting managed systems and the environment
- help you apply the knowledge you gain through research to develop sustainable solutions to critical issues within managed systems and the environment
- develop analytical skills through hands-on experience with advanced analytical and computer techniques
- gain communication skills across a broad range of audiences.

You will gain the hands-on experience that employers value highly, and you will have the opportunity to:
- complete a research project that nurtures your ability to develop professional project proposals
- gain project management skills
- develop cross-disciplinary thinking to arrive at innovative solutions.

**SPECIALISATIONS**

We offer four specialisations, and these are determined by your choice of elective units. The specialisations are:

**Agricultural and Environmental Economics**
In this area, economists identify, conceptualise and analyse the key human economic behaviours that shape the interactions between human, natural and managed systems in agriculture and the wider environment. You will develop the knowledge and skills to analyse economic and scientific data, conduct independent research, and report on research findings in a meaningful way. Skills in policy proposal and evaluation will enable you to contribute to more efficient and sustainable forms of agriculture and environmental management.

**Agricultural and Environmental Technologies**
Scientists use technological advances in this field to improve the health, productivity and sustainability of agricultural and terrestrial managed ecosystems. You will develop your knowledge in the areas of crop breeding and genetic modification, improved grain and fibre-crop physiology and agronomy, and the implementation of precision agriculture approaches for improved management. Through this specialisation you will develop a qualitative and quantitative understanding of key biophysical and ecological relationships, and the productivity of managed and unmanaged terrestrial ecosystems.
Forest and Atmosphere Interactions

Scientists in this area integrate complex ideas to evaluate and predict the exchange of energy, carbon, water and greenhouse gases between the biosphere and atmosphere in response to environmental variability and changes in land use. You will be able to evaluate the scientific literature in this field critically, and understand the mechanisms governing carbon and water exchange from the sub-cellular to global levels, and how these evolve over time.

Horticulture Technologies

Practitioners in this area have a highly developed understanding of crop physiology and the importance of pre- and post-harvest crop management for maximising yield and minimising waste within the supply chain. You will come to understand key fruit and vegetable production and supply issues both nationally and globally. We will cover evolving production systems and supply chains and how these can result in better nutrition and promote ethical change. You will also develop an understanding of the latest research in sustainable horticultural practices, integrated water and nutrition management, and supply chain management.

COURSE STRUCTURE

The master’s program requires three semesters of full time study. Candidates complete 72 credit points of study, including a research project as a capstone experience. Placed at the end of a degree, a capstone unit provides an opportunity to apply the knowledge and skills you have gained in your degree in a professional context. The research project encourages you to develop skills in cross-disciplinary thinking and project management. The graduate diploma requires two semesters of full time study comprising 48 credit points of coursework units. Some units of study in both programs are based on compulsory fieldwork before semester commences, so students need to be available two weeks before semester starts to participate in fieldwork excursions.

FACILITIES

The Faculty of Agriculture and Environment offers access to some of the world’s newest and best-equipped research facilities, including the Centre for Carbon, Water and Food. The faculty also has field stations housing state-of-the-art research facilities such as the world-renowned Plant Breeding Institute, with sites at Cobbitty in the Sydney basin and Narrabri in the fertile soils of north-west NSW, along with 1200 hectares of farmland. These facilities support large-scale field studies in agricultural science, food science, environmental studies, ecology, bushfire research and more.

ADMISSION REQUIREMENTS

A successful applicant for admission to the Master of Agriculture and Environment will hold a bachelor’s degree in agriculture, science or economics, or an equivalent qualification. Applicants to the Graduate Diploma in Agriculture and Environment will hold a bachelor’s degree in agriculture, science or economics, or an equivalent qualification.

UNITS OF STUDY

The program includes core units of study that are mandatory for all students to ensure fundamental learning outcomes are attained. For the latest list of units of study on offer, please visit our website.

CAREER OPPORTUNITIES

Our skilled graduates are entering careers in fields such as carbon and water trading, food futures, ecohydrology, and sustainability, catchment management, land rehabilitation and molecular science. Our graduates are employed in agribusiness and marketing firms, merchant banks, commodity trading companies, environmental consultancies and scientific research organisations around the world in both the public and private sectors.

DURATION

Master of Agriculture and Environment: 3 semesters full time
Graduate Diploma in Agriculture and Environment: 2 semesters full time

CONTACT

Administrator Postgraduate Services
E agriculture.pg@sydney.edu.au
sydney.edu.au/agriculture
Environmental science is concerned with both 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. Consequently, this program spans and integrates several disciplines, and develops your problem-solving skills. Our program accommodates both the professional environmental scientist who is seeking a further qualification, and those with a science background who are seeking 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.

THE SYDNEY ADVANTAGE
This program provides you with a unique interdisciplinary understanding of environmental science, as well as specialist streams allowing you to customise your studies. As a student at the University of Sydney, you will have access to world-class researchers and teachers, enabling you to develop a wide professional network that is so essential in today’s competitive employment market.

In the latest federal government Excellence in Research for Australia rankings (2012), the University of Sydney’s discipline of environmental science and management was ranked ‘well above world standard’ (5 out of 5).

MODE OF DELIVERY
The master’s program requires three semesters of full time study. Domestic students have the option of part time enrolment. If you are an international student, your visa conditions mean you need to enrol full time.

Most of the units are held on the University’s Camperdown campus. Science-based units such as ecology and analytical chemistry are generally run during business hours, while some units are run in the evening. Although teaching times vary, most units are taught as a three-hour block once per week for at least six weeks. Field-based units, however, require a full day, and some need a week. We offer field-based units in places such as the Great Barrier Reef, Southeast Asia, the Snowy Mountains and Central Australia.

Assessment is primarily by essay, assignment and presentation, and sometimes by examination.

ADMISSION REQUIREMENTS
Although you do not need to hold a bachelor’s degree in environmental science to apply, you do need to hold either a Bachelor of Science or a similar tertiary qualification that emphasises one of the following disciplines: biology, chemistry, physics, mathematics, ecology, climate and atmospheric sciences, marine science, geology, geography, environmental studies, environmental engineering, agriculture, and natural resource management.

You may also apply if you have a bachelor’s degree in any discipline and you successfully complete three units of undergraduate science (biology, chemistry, geography) at the University of Sydney with a credit average.
UNITS OF STUDY
This program addresses several major themes:
– environmental sciences (alternative energy, ecology, climate science, environmental chemistry)
– environmental management, sustainable development and the social science of the environment

The program includes some mandatory core units of study but you can specialise in certain areas, such as environmental management or GIS by studying specific units in addition to the core units. For more details, please contact the course coordinator.

For an up-to-date list of the units of study on offer, please visit our website.

CAREER OPPORTUNITIES
Environmental scientists are employed in a variety of roles, from analytical scientist to environmental indicator monitor, policymaker, environmental manager and catchment manager. You may be employed to undertake a survey of endangered species in a wilderness area slated for development or clearing, or to develop policy and management procedures for the allocation of scarce water resources in arid regions. Within Australia, our graduates have acquired jobs with federal, state and local government bodies including the Forestry Corporation of NSW, NSW Roads and Maritime Services, and the NSW National Parks and Wildlife Service, as well as with private consultancies and industry.

CREDIT FOR PREVIOUS STUDY
Credit is only available in this program if you have an honours degree in a relevant science or a related discipline for which you may be granted advanced standing that exempts you from the research project.

COURSE OPTIONS
Master of Environmental Science:
3 semesters full time
Graduate Diploma in Environmental Science:
2 semesters full time
Graduate Certificate in Environmental Science:
1 semester full time

ACADEMIC QUERIES
Dr Jeffrey Neilson
Course Coordinator
Madsen Building F09
P +61 2 9351 4733
F +61 2 9351 3644
E jeffrey.neilson@sydney.edu.au
sydney.edu.au/envsci
This field of study covers the merger between applied environmental science and the aspects of law and policy that regulate our interactions with the environment. 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.

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

In the latest federal government Excellence in Research for Australia rankings (2012), the University of Sydney’s discipline of environmental science and management was ranked ‘well above world standard’ (5 out of 5).

MODE OF DELIVERY
The master’s program requires three semesters of full time study. Domestic students have the option of part time enrolment. If you are an international student, your visa conditions mean you need to enrol full time.

Most units are held on the University’s Camperdown campus. Science-based units such as ecology and analytical chemistry are generally run during business hours, while some units, such as environmental law, are run in the evening. Although teaching times vary, most units are taught as a three-hour block once per week for at least six weeks. Field-based units, however, require a full day, and some require a week. We offer field-based units in places such as the Great Barrier Reef, Southeast Asia, the Snowy Mountains and Central Australia.

Assessment is primarily by essay, assignment and presentation, and sometimes by examination.
ADMISSION REQUIREMENTS
You will need a 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.

UNITS OF STUDY
All students need to take the Environmental Law and Policy and Legal Reasoning and the Common Law System units of study. You may also select environmental science units to suit your needs and interests, and you need to complete these alongside a research-oriented capstone unit. (A capstone unit provides you with an opportunity to apply the knowledge and skills you have gained in your degree in a professional context.)

CAREER OPPORTUNITIES
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.

CREDIT FOR PREVIOUS STUDY
Credit is not available in this program unless it is for units of study undertaken in embedded programs at the University within the past two years, except at the discretion of the Dean.

COURSE OPTIONS
Master of Environmental Science and Law: 3 semesters full time

ACADEMIC QUERIES
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Course Coordinator
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sydney.edu.au/envsci
MARINE SCIENCE AND MANAGEMENT

The Master of 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 this program in collaboration with the Sydney Institute of Marine Science and its partner universities.

This program 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.

This program is 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.

THE SYDNEY ADVANTAGE

The University of Sydney’s coastal science expertise is one of the best in Australia. We have international leaders in areas ranging from coastal science and management to coastal ecology and biology. We have a tropical research station in the Great Barrier Reef, where we conduct several units of study.

With our extensive coastline, harbour and unique marine ecology, Sydney is an outstanding location in which to undertake marine science and management studies. The Sydney Institute of Marine Science is located in recently refurbished heritage buildings on Sydney Harbour, hosting state-of-the-art laboratories and facilities in which we teach some of our units.

Our Topics in Australian Marine Science unit provides a capstone experience by introducing you to the Integrated Marine Observing System (www.imos.org.au), a national infrastructure facility that monitors Australia’s coastal and marine environment. (A capstone unit provides an opportunity for you to apply the knowledge and skills you have gained in your degree in a professional context.)

You will work with data from the Integrated Marine Observing System to solve real-world problems and learn how to tackle the multifaceted problems our coasts and oceans face.
MODE OF DELIVERY
The master’s program requires three semesters of full time study. Domestic students have the option of part time enrolment. If you are an international student, your visa conditions mean you need to enrol for full time study. Units are offered in weekly sessions or in a more intensive mode. This program also gives you the opportunity to study at other leading universities throughout the year.

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.

CAREER OPPORTUNITIES
The marine science and management program enables you to upgrade your skills or pursue a career change. Our graduates are found in government agencies that manage coastal and marine resources and environments and in consulting companies that provide advice on coastal and marine issues. With climate change predicted to have a big impact on ocean levels and marine ecology, coastal and marine experts will be highly sought after.

COURSE OPTIONS
Master of Marine Science and Management: 3 semesters full time
Graduate Diploma in Marine Science and Management: 2 semesters full time
Graduate Certificate in Marine Science and Management: 2 semesters, part time only

ACADEMIC QUERIES
Dr Eleanor Bruce
Course Coordinator
School of Geosciences
Madsen Building F09
P +61 2 9351 6443
E eleanor.bruce@sydney.edu.au
sydney.edu.au/science/marine
SUSTAINABILITY

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.

This program equips 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.

This flexible program allows 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.

THE SYDNEY ADVANTAGE

The Master of Sustainability covers multiple disciplines, with core units addressing the breadth of the field, including health and population, energy and resources, food and water security, policy and governance, social change, and analysis tools.

Broaderen your study of sustainability by choosing electives across a range of areas or focus on one aspect through related electives and developing your capstone project in that area. Learn from the University’s experts, who are international leaders in their fields, and from industry professionals who partner with our program as guest speakers and mentors to provide insight into a range of fields and career opportunities.
MODE OF DELIVERY
This program requires three semesters of full time study. Domestic students have the option of part time enrolment. If you are an international student, your visa conditions mean you need to be enrolled full time.

We hold face-to-face time in core units of study either after business hours (that is, after 5pm weekdays), or in intensive mode, which is usually four days full time (9am to 5pm).

Face-to-face time in the capstone project is negotiated with your academic adviser and workplace mentors.

Scheduled face-to-face time in elective units of study varies.

CAPSTONE RESEARCH PROJECT
The capstone research project is an integral part of the program. It provides you with an opportunity to apply the knowledge and skills you have gained in your degree in a professional context. You design a project with a workplace in the field so you can apply your knowledge in a real-world context. This helps you synthesise your course learning with your prior learning and experience, and draw conclusions that form the basis of further investigation as well as intellectual and professional growth. Many graduates say the capstone project was their favourite part of the program.

STUDY PLANS
Our website will help you choose your electives and core units based on the direction you wish your study to take. You can focus on areas such as sustainability analysis, the built environment, business, environmental science, global development, food and water, health, law, policy and governance, and social entrepreneurship.

For more information visit: sydney.edu.au/science/sustainability/program_info/units_of_study

COURSE OPTIONS
Master of Sustainability:
3 semesters full time
Graduate Diploma in Sustainability:
2 semesters full time
Graduate Certificate in Sustainability:
1 semester full time

ACADEMIC QUERIES
T +61 2 9351 7728
E sustainability.program@sydney.edu.au sydney.edu.au/science/sustainability
HOW TO APPLY

APPLICATION DEADLINES
For Semester One
31 January
For Semester Two
30 June
We strongly encourage international applicants to apply as early as possible to allow time for visa and travel arrangements.

STEP 1
Select the course you want to study at sydney.edu.au/courses
See this guide and the Faculty of Science website for course details. Make a note of the full course title, course code and CRICOS code.
You may apply for up to three courses, in order of preference. If you are not accepted for your first choice, you will automatically be considered for your other choices.

STEP 2
Check the entry requirements for your chosen course(s) at sydney.edu.au/courses
Specific entry requirements
Each course has specific academic requirements.
Some courses also have additional entry requirements, such as an interview or health and security checks.
See this guide or the University website for details.

INTERNATIONAL APPLICANTS
To be considered an international applicant you must not be a citizen of Australia or New Zealand (including joint citizenship) or a permanent resident of Australia.

STEP 3
Submit your application.
Apply directly to the University
Domestic and international applicants may apply directly to the University at sydney.edu.au/courses
Apply through a University representative
International applicants may choose to apply through a University representative. We have representatives in more than 50 countries who offer assistance with all aspects of the application procedure. To find a representative near you, see sydney.edu.au/internationaloffice/agents
Study Abroad applicants may choose to apply directly or through a representative. See sydney.edu.au/studyabroad

MORE INFORMATION
Domestic applicants
sydney.edu.au/future-students/domestic/postgraduate/coursework/apply-enrol
International applicants
sydney.edu.au/future_students/international_postgraduate_coursework/admissions

WHAT HAPPENS NEXT?
When we receive your application we will assess it. This usually takes four to six weeks.
You will be considered for admission if you meet the University’s minimum eligibility criteria. Offers of a place also depend on the number of places available and the competitiveness of eligible applicants.
The University will communicate with you or your agent regarding your application by email, including offers and requests for further information.

ENGLISH LANGUAGE REQUIREMENTS

<table>
<thead>
<tr>
<th>Course</th>
<th>IELTS 6.5 (6.0)</th>
<th>IBT 90 (23/22)</th>
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<tbody>
<tr>
<td>Master of Agriculture and Environment</td>
<td>IELTS 6.5 (6.0)</td>
<td>IBT 90 (23/22)</td>
</tr>
<tr>
<td>Master of Environmental Science</td>
<td>IELTS 6.5 (6.0)</td>
<td>IBT 90 (23/22)</td>
</tr>
<tr>
<td>Master of Environmental Science and Law</td>
<td>IELTS 7.0 (6.0)</td>
<td>IBT 100 (23/22)</td>
</tr>
<tr>
<td>Master of Marine Science and Management</td>
<td>IELTS 6.5 (6.0)</td>
<td>IBT 90 (23/22)</td>
</tr>
<tr>
<td>Master of Sustainability</td>
<td>IELTS 6.5 (6.0)</td>
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<tr>
<td>COURSE NAME</td>
<td>ADMISSION REQUIREMENTS</td>
<td>ENGLISH EXAMS</td>
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<tr>
<td><strong>AGRICULTURE AND ENVIRONMENT</strong></td>
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<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>
</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>
</tr>
<tr>
<td><strong>ENVIRONMENTAL SCIENCE</strong></td>
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<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>
</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>
</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>
</tr>
<tr>
<td><strong>ENVIRONMENTAL SCIENCE AND LAW</strong></td>
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</tr>
<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>
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<td>COURSE NAME</td>
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<tr>
<td>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>
</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>
</tr>
<tr>
<td>Graduate Certificate in Marine Science and Management</td>
<td>As for the Graduate Diploma, above.</td>
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<tr>
<td>SUSTAINABILITY</td>
<td>Bachelor’s degree with a credit average or equivalent qualification.</td>
<td>IELTS 6.5 (6.0)</td>
</tr>
<tr>
<td>Graduate Diploma in Sustainability</td>
<td>Bachelor’s degree or equivalent qualification.</td>
<td>IELTS 6.5 (6.0)</td>
</tr>
<tr>
<td>Graduate Certificate in Sustainability</td>
<td>Bachelor’s degree or equivalent qualification.</td>
<td>IELTS 6.5 (6.0)</td>
</tr>
</tbody>
</table>

Full time study requires enrolment in 24 credit points of study per semester.
All fees stated in this booklet are in Australian dollars.
All fees stated in this booklet for both domestic and international applicants are subject to change.
All fees stated in this booklet do not include additional program costs such as textbooks or additional equipment.
The University’s tuition fees are reviewed annually and may be varied during the period of study. The exact tuition fee for your program may also depend on the specific units of study in which you enrol.