



Office for
Environmental
Programs



Master of Environment

**DEVELOPING LEADERS FOR
A SUSTAINABLE FUTURE**

Become a Sustainable Citizen



Enjoy the flexibility to design a program that meets your professional goals and gives you the capacity to work across disciplines.



Specialise in one of 11 key environmental areas or design your own tailored specialisation.



Join a like-minded global student community and benefit from working with people across academic disciplines.



Gain real-world experience through an internship or industry research project.



Create a strong network of environmental professionals through our alumni networking and mentoring programs.



Secure industry credibility with an internationally-recognised qualification.



Benefit from individual specialised course advice and guidance to help you achieve your goals.

Contents

04
Why choose
the Office for
Environmental
Programs?

10
Core
Subjects

15
Development

20
Governance,
Policy and
Markets

26
How to
Apply

05
Degree
options

11
Your Capstone
Experience

16
Education and
Social Change

21
Integrated Water
Catchment
Management

27
Fees and
Financing

06
Careers

12
Designing
your graduate
program

17
Energy Efficiency
Modelling and
Implementation

22
Sustainable
Cities,
Sustainable
Regions

07
Graduate
Outcomes

13
Climate
Change

18
Environment
and Public
Health

23
Waste
Management

08
Your Student
Experience

14
Conservation
and Restoration

19
Environmental
Management
and Science

24
Tailored

Why choose the Office for Environmental Programs?

-
- ✓ 200+ subjects
 - + ✓ 9 faculties
 - + ✓ Flexible course plans
 - + ✓ Connect with 1600+ graduates
-

FLEXIBILITY

The Master of Environment is the only truly interdisciplinary program of its kind in Australia, offering over 200 subjects from across nine faculties at the University of Melbourne. You will have the flexibility to design a program that meets your professional goals and gives you the capacity to work across disciplines. You can do this by either choosing one of our eleven specialist areas or tailoring your own.

OUTSTANDING SUPPORT

To help you design your personalised course plan, you will receive one-on-one academic advice. Our interdisciplinary specialist academics will ensure that you are supported in meeting your individual learning objectives.

CONNECT TO A GLOBAL NETWORK

By joining a cohort of diverse, passionate students from all over the world, you will also benefit from support and knowledge of your peers and have the opportunity to form new connections and networks.

You will benefit from established partnerships with academic, community and industry groups globally, and will join an alumni community of over 1600 graduates around the world.

INDUSTRY RELEVANT CURRICULUM

Our Community and Industry Advisory Board, made up of members from peak industry bodies, is heavily involved in providing current feedback on sought after skills and knowledge, to ensure we provide you with a degree that focuses on graduate employability outcomes.

BECOME AN ENVIRONMENTAL SPECIALIST

Whether you have just completed your undergraduate degree, are already an environmental professional or are considering a change of direction, the Master of Environment will give you the skills to further your environmental career.



Make a Difference.

Degree options

Flexible degree structure

EDUCATION TAILORED TO YOU

Whatever your learning objectives are, we have a study option that will work for you. There are flexible entry points, part time options and a number of subjects available as intensives (of shorter duration than normal subjects).

If you are not sure what your best study option is, please contact us, we are happy to help guide you.



For more details on entry and degree requirements please visit:



environment.unimelb.edu.au

DEGREE OPTION

Master of Environment
(200 point)

SUITABLE FOR

Those who hold

- › an undergraduate degree in a relevant discipline with at least an H3 (65%) weighted average, or equivalent; or
- › an undergraduate degree in any discipline with at least an H3 (65%) weighted average, or equivalent, and two years of documented professional work experience since graduation related to the degree.

COURSE DURATION

2 years full time
(typically 16 subjects).

Part time study available
for eligible students

Master of Environment
(100 point)

Those who hold

- › an Honours degree (typically one year of study following a Bachelors degree and including an independent research project equivalent to at least 25 points) in a relevant discipline with at least H3 (65%) average in the final year, or equivalent; or
- › an undergraduate degree in a relevant discipline with at least H3 (65%) weighted average, and at least five years documented, relevant work experience

1 year full time.

Part time study available
for eligible students

Graduate Diploma
in Environment

Graduates who have completed a relevant undergraduate degree with at least a 65% (H3) weighted average, or equivalent.

1 year full time.

Part time study available
for eligible students

Graduate Certificate
in Environment

Graduates who have completed a relevant undergraduate degree with at least a 65% (H3) weighted average, or equivalent.

6 months full time.

Part time study available
for eligible students

Careers

Environment and Sustainability jobs are growing around the world. Many organisations and governments worldwide are prioritising environmental policy and practice.



AUSTRALIA

28%

Increase in
renewable
energy jobs
in 2018.
(source – Australian Bureau of Statistics)

2050

The year by which
the Victorian
Government aims
to achieve net
zero emissions.
(source – DELWP)

264%

Increase in
demand for
Environmental
Scientists.
(source – Indeed)



GLOBALLY

US

\$2,740
Billion

Predicted value
of global market
for environmental
products and
services by 2020.
(source – United Nations International Labour Organization Green Jobs Facts and Figures)

85%

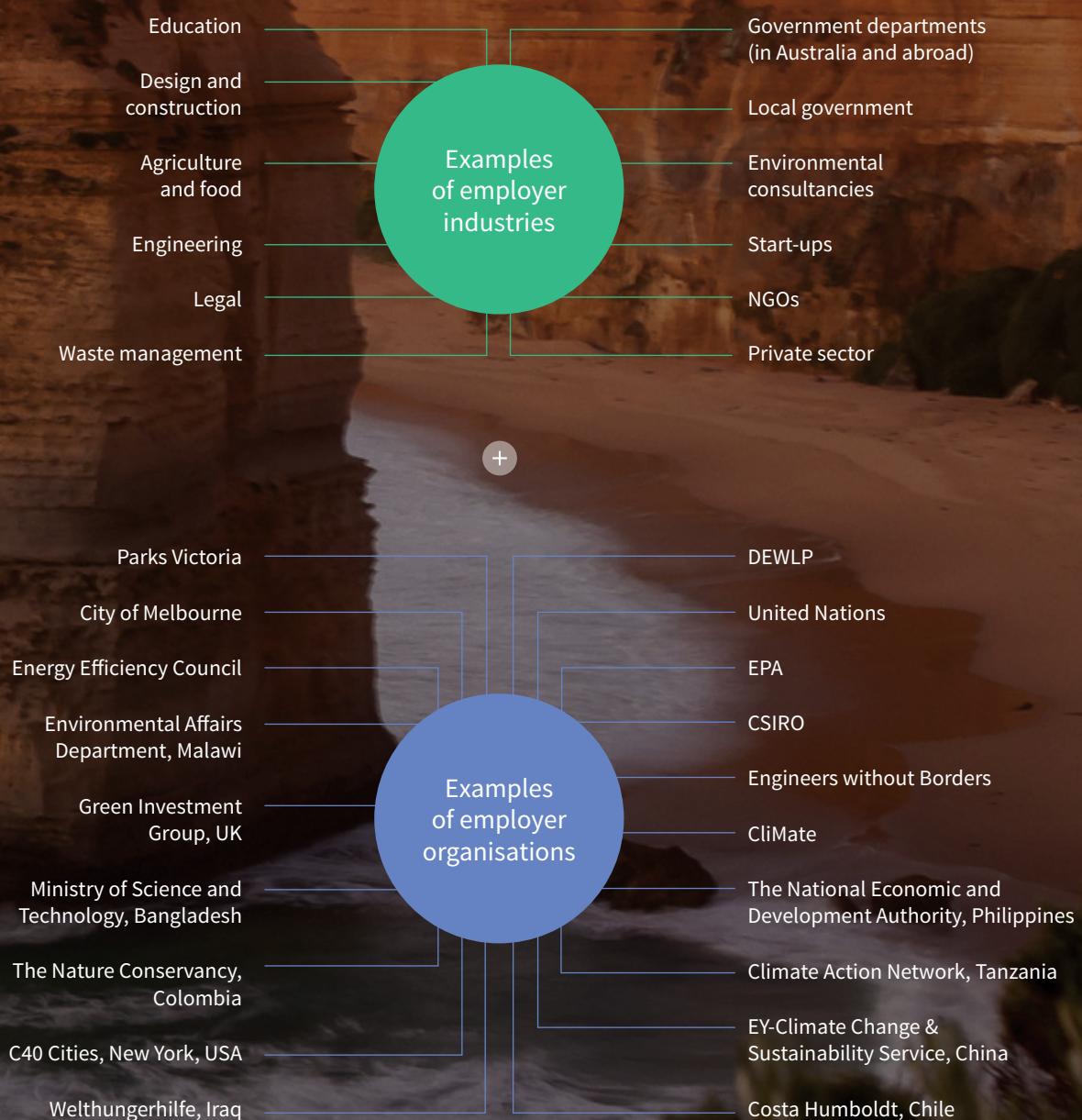
Of companies
globally have set
internal targets
for emissions
reduction.
(source – Sustainable Business Australia)

20,000

Number of new
waste management
jobs expected
to be created in
Canada by 2024.
(source – ecocanada)

Graduate Outcomes

Master of Environment graduates are highly regarded in sustainability fields throughout Australia and the world.





STUDENT EXPERIENCE
GLOBAL MOBILITY



Larissa
Barrows



“Spending two weeks in Laos and Vietnam with a cohort of OEP and other postgraduate students (including 4 local Lao and Vietnamese students) really brought to life the hands on complexities of managing an environmental asset and liaising with a whole range of stakeholders from smallholders to hydro dam operators and from NGOs to government officials and policy makers. Professionally, it lends credibility, life and soul to talking about my studies and lessons learned.”

Your Student Experience

STUDENT EXPERIENCE COMMUNITY



Christina Lunt



"My favourite part was the sense of community that was evident amongst the students and staff. I credit many of the amazing friendships I made to my involvement in the Postgraduate Environment Network (PEN), as it enabled me to meet others, liaise closely with the OEP on events and in general provided a support network amongst students and friends of the OEP."

COMMUNITY

Diverse in age, background, and nationality, students at the Office for Environmental Programs are united in their dedication to building professional skills, meeting new people, and contributing to environmental sustainability both locally and internationally.

With a range of networking opportunities, the student-run Postgraduate Environmental Network (PEN), and a communal study area located in the OEP, your supportive network of peers will never be far away!

MENTORING PROGRAM

As a student at the OEP, you have the opportunity to be mentored by an alum engaged in your area of study. Mentors offer advice about your studies and insight into the world beyond! You can choose to take part in a formalised mentorship program, where you will be paired with a graduate to meet up regularly of the course of a semester, or sign up to our online Ask Alumni Program for a more informal discussion.

NETWORKING

The Office for Environmental Programs and the University of Melbourne host a range of networking and career information events throughout the year. These are designed to help you build professional networks and gain valuable insight from industry leaders, many of whom are OEP graduates themselves!

You will also regularly find industry figures providing a guest lecture or taking part in a panel during your studies.

Do you want real world experience that will provide you with strong industry connections? Choose from a range of internship subjects during your studies, where you will be placed with one of our many industry partners.

GLOBAL MOBILITY

There are many opportunities for you to study internationally during your degree. Spend a semester on exchange, undertake an international internship, enrol in a subject with an international field trip or focus your research in a location of academic interest.

ENRICH YOUR DEGREE!

Want to build experience and skills through volunteer work or an internship, or through participation in one of the University's sustainability programs? We can help you find the right program for you.

Our students are active in both the University and the greater Melbourne communities through volunteering at NGOs, working on the University's Green Impact Program, participating in the Parkville campus' Community Gardens and undertaking internship programs in a variety of industries.

By getting actively involved in your community, you can even earn a Leaders in Communities Award (LiCA)!

Core Subjects

SUSTAINABILITY GOVERNANCE AND LEADERSHIP

Your first subject, Sustainability, Governance and Leadership (SGL) is designed to develop the knowledge and skills you will need as a sustainability leader in a world of complex challenges and global change. This subject provides you with a strong foundation in interdisciplinary understanding of critical concepts and issues, and how they relate to policy, management, leadership, and governance in a range of contexts and across different scales and sectors. You will learn to anticipate and envision environmental change, and design and implement strategic plans to manage impacts or create positive pathways.

Exploring the broad agenda of sustainable development, SGL considers concepts and principles fundamental to the understanding of interdependent human-nature systems, including ecology and biodiversity, social justice and equity, technology, and issues of global change.

SGL covers:

- › different perspectives on sustainability;
- › global and local environmental challenges, including for water, energy, food, and human communities in relation to their natural and built environments;
- › vulnerability and resilience in complex social-ecological systems;
- › the processes of policy design and implementation in these areas;
- › the economics of sustainability, and the role of business and innovation in building a sustainable future; and
- › recurring management, governance, and leadership issues for achieving environmental sustainability

SGL includes extensive use of scenario-based learning and simulation activities.

INTERDISCIPLINARITY AND THE ENVIRONMENT

Interdisciplinarity and the Environment (IDE) uses a discussion of interdisciplinary and collaborative research on the environment to examine broader questions about the contexts, forms, purposes, and values of contemporary knowledge production for addressing environmental policy and management.

IDE asks:

- › what types of knowledge (and whose knowledge) are currently used in environmental decision-making, and to what effect?
- › how does the way we frame environmental issues influence the kinds of knowledge that are seen as relevant to environmental decision-making, and the kinds of solutions that we consider?
- › what strategies can help environmental professionals meet the challenges of working across different disciplines, sectors, and ways of knowing?

In IDE, you will:

- › enhance your understanding of the ways knowledge is created and applied in a variety of environmental professional practices;
- › develop your skills in collaboration, self-reflection, communication of specialist knowledge, and integration of different types of knowledge



Your Capstone Experience

INTERNSHIPS



Joe
Glestas



"I undertook a research project dedicated to building green roof policy, and then an internship that allowed me to develop a green roof project with state and local government, which has all culminated into a career in the green roof and wall industry."

RESEARCH PROJECTS



Michael
Lambden



"During my research I was invited to present to the Treasury Corporation of Victoria (TCV), the Department of Premier and Cabinet (DPC), Department of Economic Development, Jobs, Transport and Resources (DEDJTR) and Department of Environment, Water Land, Planning (DELWP). I presented on the green bond accreditation process and the application to the Melbourne Metro Link tunnel. I also liaised with them on the briefing note to the Victorian Treasurer. Since then the TCV successfully launched the first of a number of green bonds (\$300 million) to finance the Metro Link."

INDUSTRY-BASED RESEARCH



Ashley-Cara
Onari



"The experience helped develop my professional skills and was also an important networking opportunity, putting me on the right path to my current role as a sustainability consultant."

FIELD-BASED SUBJECTS



Juan-de
Morales Nunez



"Forests in the Asia Pacific was an amazing hands-on experience. It not only provided the opportunity to acquire specific technical skills around forest management, it also developed my communication, teamwork, adaptability, problem-solving and leadership skills."

Designing your graduate program

In the Master of Environment, you can choose one of our 11 specialisations or tailor your own!

ADVICE AND SUPPORT

To help you develop your study plan, you will meet with one of our course advisors (all specialists in interdisciplinary education) to discuss your subject selection. They can help you make the right choices and get the most out of your degree.

Topics covered during the course planning process include:

- › when to take the core subjects and how they can add value to your study plan;
- › what capstone experience is right for you;
- › how to manage subject clashes;
- › information on how to use the student portal to manage your enrolment;
- › clarifying your academic and career objectives; and
- › matching subjects to your personal learning goals.

Our advisors are available throughout your degree to help you stay on track, making sure your study plan fits your academic background, interests and career objectives.

NAMED SPECIALISATIONS

When you choose to study one of our named specialisations (e.g. Climate Change) you will be guided through your degree by an expert in the field of study.

Named specialisations offer:

- › additional compulsory subjects to focus your degree;
- › a more specialised range of electives; and instant recognition as having expert knowledge in your field, as your specialisation will appear on your academic transcript.

Your acceptance into a specialisation may depend on your field of previous study and/or relevant work experience.

Subjects available and required for each specialisation are kept up-to-date in the University handbook.

 handbook.unimelb.edu.au

SUBJECT CLUSTERS

With over 200 subjects and 11 specialisations to choose from, it can be difficult to know where to start.

To help you navigate the many options, we have developed subject 'clusters' that can:

- › define a specialist area of professional skills;
- › define an area of focus within the tailored specialisation; and
- › complement your specialisation with knowledge of contemporary environmental issues - for example, food systems or urban greening.



PROFESSIONAL SKILLS-THEMED CLUSTERS

- › Research
- › Sustainable Business
- › Environmental Assessment & Risk Management
- › Social Change
- › Project Management
- › Spatial Analysis
- › Environmental Modelling
- › Policy Development and Governance
- › Communication



KNOWLEDGE-THEMED CLUSTERS

- › Food Systems
- › Climate Change
- › Renewable Energy
- › Sustainable Forests
- › Urban Greening
- › Indigenous Peoples and the Environment
- › Biosecurity
- › Risk

Climate Change

Climate change mitigation and adaptation are increasingly being integrated into business management, government policy, and technology design.



This new frontier requires expertise in a range of fields, including international conventions, strategic government and business policy, climate science, energy technology, and economic analysis and management. Effective solutions therefore require a new generation of policymakers, managers and scientists equipped with a multidisciplinary understanding of climate change issues.

DESIGNED FOR

You are seeking an interdisciplinary perspective on climate change for your work in a policy-making or business advisory role. On completion, you will be well-placed to offer leadership through a solid

understanding of: theoretical and practical applications of policy and science; technological limits, potentials and risks; and the value of addressing a wide-ranging global environmental issue from a transdisciplinary perspective.

CAREER OUTCOMES

This specialisation presents an opportunity for you to establish extensive networks with fellow climate change professionals across a broad range of industries, sectors and fields of endeavour. You can expect to find employment in state and federal Government authorities, environmental consulting companies, business advisory and strategic policymaking positions worldwide.

GRADUATE PROFILE

Jaymee Silva Balarin

Program Officer –
Mountain Ecosystem-Based
Adaptation Program
The Mountain Institute, Peru

“My experience in OEP was very enriching. I was so inspired by other students from all around the world and diverse backgrounds. The OEP staff made my two years in Melbourne very comfortable and I always felt I had their support. The Master itself met all my expectations and allowed me to build skills and knowledge on topics that are very relevant to my current job.”



Sample study plan: Climconservation and Restoration (200pt pathway)

	Sem 1	Sustainability, Governance and Leadership	Climate Change Law	Environmental Economics and Strategy	Environmental Impact Assessment
YEAR 1	Sem 2	Climate Change: Agricultural Impacts and Adaptation	Social Impact Assessment and Evaluation	Urban Sustainability and Climate Change	Consumerism and the Growth Economy
YEAR 2	Sem 1	Global Environmental Change	Environmental Modelling	Sustainability and Behaviour Change	Environmental Industry Research
	Sem 2	Interdisciplinarity and the Environment	Climate Change Politics and Policy	Environmental Policy	Environmental Industry Research



Conservation and Restoration

Biodiversity loss is one of the key environmental challenges facing the world. Sustainable societies depend on successful conservation and restoration of this diversity at multiple levels: genetic, species, community, and landscape.

This specialisation explores the biophysical and social factors shaping endeavours to conserve and restore wildlife and vegetation. You will develop skills for planning and managing biodiversity at species, community and landscape scales. The cross-faculty teaching program ensures you will graduate with a sound understanding of the ecological principles underpinning conservation and restoration, and an appreciation of the political and community dimensions of establishing and implementing these plans.

DESIGNED FOR

You have undergraduate studies and/or professional work experience in life sciences, forestry, natural resource management, agriculture, parks and wildlife management, or environmental engineering. It is also an appropriate specialisation if you are a government or industry professional working in conservation and development and are looking to upgrade or link your skills to environmental management.

GRADUATE PROFILE

Liam Costello

Victorian Forest Monitoring Program
Department of Environment, Land, Water and Planning (DELWP)

"A pivotal moment in the Master of Environment program was the study tour to Vietnam and Laos examining the forest sector, its governance. Its importance in terms of commerce and livelihood support and its role in ecological sustainability. This experience led me to take a role with the United National Food and Agricultural Organization in Bangladesh where I worked for over three years to establish a national forest monitoring program in partnership with the national government."

Sample study plan: Conservation and Restoration (200pt pathway)

YEAR 1	Sem 1	Sustainability, Governance and Leadership	Integrated River & Catchment Management	Conservation and Cultural Environments	Environmental Impact Assessment
	Sem 2	Biosecurity: Managing Invasive Species	Environmental Policy Instruments	Communities and Ecosystem Management	Modelling Species Distributions & Niches
YEAR 2	Sem 1	Wildlife Management	Analysing Ecosystems and Their Values	Landscape Ecology	Climate Change Mitigation
	Sem 2	Interdisciplinarity and the Environment	Forests in the Asia Pacific Region	Ecosystem Internship	



Development

The Development specialisation offers skills necessary for the sustainable development of economies and environments. Understanding 'environment and development' draws upon the inter-faculty expertise at the University of Melbourne.



You will study rural and urban landscapes and look at issues including international development policy, carbon sequestration in the tropics, the political ecology of development, food security, biodiversity conservation, urban growth and planning, and sustainable livelihoods.

DESIGNED FOR

You have an undergraduate degree in one of a wide range of disciplines such as arts and humanities, social sciences, management, health or education.

It may also interest business and government professionals and those working in NGOs.

GRADUATE PROFILE

Christina Lunt

Junior Expert in Nutrition and Partner Coordination
Welthungerhilfe, Iraq

"During my degree I interned with the UN Environment Programme in the USA for three months through the International Internship subject. This led to a series of internships after graduating; one more with the UN in Thailand and one with Welthungerhilfe in Tajikistan. After the Tajikistan I was contracted as a short-term consultant before applying for another role within the organisation, and that is where I am now!"

Sample study plan: Development (200pt pathway)

YEAR 1	Sem 1	Sustainability, Governance and Leadership	Environmental Impact Assessment	Managing Global City Regions	Political Economy of Development	
	Sem 2	Development Theories	Social Impact Assessment and Evaluation	Cities Without Slums	Rethinking Rights and Global Development	
YEAR 2	Sem 1	Migration and Development	Sustainability and Behaviour Change	Energy for Sustainable Development	Development, Culture and Conflict	
	Sem 2	Interdisciplinarity and the Environment	Rural and Urban Development Strategies	International Internship in Development		





Education and Social Change

The creation of sustainable societies depends on fostering social change, whether through education, organisational and policy change or changes of individual behaviour.

The Education and Social Change specialisation develops knowledge and skills in education and change processes, enabling you to become an agent of change within your organisation, community or institution, and to foster these skills in others.

You will develop knowledge of historical, philosophical, socio-cultural, and psychological influences on environmental decision-making and action.

DESIGNED FOR

You are interested in developing skills for social transformation for sustainability, drawing on studies in community organisation, project management, conflict resolution, and communication.

CAREER OUTCOMES

You can expect to find employment in positions related to education and social change, including environmental training officer positions in corporations, government agencies, consulting companies, schools, and development agencies.

GRADUATE PROFILE



Mark Dorman

Statistical Analyst,
Education and Training
Australian Bureau of Statistics

“The OEP gave me the critical thinking, project management, and communication skills that are essential in my current role.”



Sample study plan: Education and Social Change (200pt pathway)

YEAR 1	Sem 1	Sustainability, Governance and Leadership	Environmental Education	Leading Educational Ideas	Global Environmental Change
	Sem 2	Diversity, Inclusion and Transitions	Consumerism and the Growth Economy	Participatory Planning	Climate Change Politics and Policy
YEAR 2	Sem 1	Sustainability and Behaviour Change	Education, Knowledge and Power	Environmental Research Project	
	Sem 2	Interdisciplinarity and the Environment	Social Entrepreneurship	Environmental Research Project	

Energy Efficiency Modelling and Implementation

Energy modelling and implementation for buildings has become an important area in the light of growing concerns about climate change, energy security, and the general need to adopt more sustainable practices.



The realms of energy knowledge required include heating and cooling requirements, as well as use of day lighting and natural lighting. Develop skills to reduce the risk in the integration of innovative sustainability initiatives. This risk reduction centres on assurances of performance and delivery of desired sustainability outcomes.

DESIGNED FOR

If you want to combine a mix of building management, architecture, engineering, management, and education and communication subjects, this specialisation is for you!

Energy modelling is a key tool for the development and adoption of energy efficiency in new and existing buildings. This course

develops the skills of complex modelling informed by an understanding of the results ensuring you can both interpret and communicate outcomes effectively.

CAREER OUTCOMES

Despite the obvious need for people with such knowledge, there is a severe shortage of people that are trained in energy modelling who have the capacity to interpret the modelling results to effective practice, and employment prospects are good.

The types of employment taken up by previous graduates include sustainable building consultants, designers with a specialisation in high performance buildings, academic positions in research groups looking at renewables and energy efficiency in buildings.

GRADUATE PROFILE



Vickie Huang

ESD Consultant
LID Consulting

"I get a high level of enjoyment from the ability to interact with the clients and contribute ideas and initiatives towards a sustainable building design. My research project supervisor had one key piece of advice which I aim to take into every project I am involved in: "Make sure every project has at least one good initiative that would not have been included without you."

Sample study plan: Energy Efficiency Modelling and Implementation (200pt pathway)

YEAR 1	Sem 1	Sustainability, Governance and Leadership	Environmental Systems	Supply Chains in Construction	Building Services and Operations
	Sem 2	Energy Efficiency Technology	Complex Building Energy Modelling	Environmental Policies and Instruments	Designing Green Roofs and Walls
YEAR 2	Sem 1	Solar Energy	Urban Transport Politics	Asset Management	Environmental Impact Assessment
	Sem 2	Interdisciplinarity and the Environment	Building Sustainability	International Internship in Environment	





Environment and Public Health

At this time in history, it is hard to imagine a topic more important than the impact of the environment on human health. The very life support systems of clean air, fresh water, a safe climate, food security, and biodiversity are under stress.

With new roles emerging that focus on policy, advocacy, research, and environmental management in relation to health and environment, the Environment and Public Health specialisation is designed to ensure you are well prepared for a career in this intersection between health and the environment.

You will learn skills related to environmental health practice, including surveillance, monitoring, observation, analysis, and selected techniques in biostatistics, epidemiology, and health economics. Other skills are more specific to environmental health and environmental studies, such as assessing environmental, social, and health impact, and qualitative and quantitative analyses.

DESIGNED FOR

GRADUATE PROFILE



Elliot Roberts

Senior Advisor
Accommodation Support
Department of Health & Human Services

CAREER OUTCOMES

You might expect to find employment in the health industry, government agencies, within the environmental and health sciences, consulting companies or development agencies.

"The Master of Environment (Public Health) complemented my career due to its relevance in today's world. I tailored my program to build on my skills, experience and knowledge in both environmental science and public health plus explore other areas of interest and grow my knowledge. The lecturers were engaging and supportive which helped me to explore and understand new concepts and theories whilst the programs structure allowed me to consider them in relation to my work."



Sample study plan: Environment and Public Health (200pt pathway)

YEAR 1	Sem 1	Sustainability, Governance and Leadership	Epidemiology 1	Securing Sufficient and Healthy Food	Sustainability and Behaviour Change	
	Sem 2	Planetary and Global Health	Health Inequalities	Comparative Health Systems	Women and Global Health	
YEAR 2	Sem 1	Foundations of Public Health	Health Program Design & Implementation	Health Policy	Public Health Leadership and Management	
	Sem 2	Interdisciplinarity and the Environment	Planetary and Global Health	Environmental Research Project		

Environmental Management and Science

Our environmental challenges need environmental scientists and managers who can work across disciplines and see the big picture.



This specialisation examines how science can help understand and address environmental management problems, emphasising a) the role of quantitative methods in environmental science, b) the skills required to analyse and model environmental systems and processes, and c) a high level of ability to analyse and evaluate environmental issues.

You will focus on professional practice for the private and government sectors and can gain real-world experience through internship and industry-based research subjects.

DESIGNED FOR

You are seeking an interdisciplinary scientific perspective. A background in one of the following areas is generally required: Biology, Chemistry, Physical Geography, Zoology or Earth Sciences. Students with good applied quantitative skills in other disciplines, e.g. Engineering will also be considered for this specialisation.

GRADUATE PROFILE

Jye Grogan

Senior Environment Protection Officer
Environmental Protection Authority Victoria (EPA)

"The Environmental Science stream offers a great mix of science complemented by environmental management. The core subjects challenge you to look beyond the issue and really analyse the science behind it. The lecturers are experts in their field and encourage and inspire you to seek further learning and truly engage in the program."

Sample study plan: Environmental Management and Science (200pt pathway)

YEAR 1	Sem 1	Sustainability, Governance and Leadership	Global Environmental Change	Climate Science for Decision-Making	Data and Decision Making
	Sem 2	Environmental Risk Assessment	Environmental Analysis Tools	Environmental Policy Instruments	Air Quality Monitoring
YEAR 2	Sem 1	Monitoring Environmental Change	Leadership in Science	Environmental Chemistry	Environmental Modelling
	Sem 2	Interdisciplinarity and the Environment	Science Communication	Climate Modelling and Climate Change	Science and Technology Internship





Governance, Policy and Markets

Who drives the laws that determine our environmental future? And how can positive change be effectively communicated, or policy influenced through regulation, better governance and the media?

The development and marketing of environmental policy is vitally important in effecting changes in government, corporate bodies, and across the environmental sector.

The Governance, Policy and Markets specialisation looks at existing national and international legal and political frameworks relevant to the environment, enhances your skills in policy-making, business management and marketing, and gives you the tools to incorporate these skills and work systems in the workplace.

DESIGNED FOR

GRADUATE PROFILE

Boniface Chimwaza

Head of Information and Documentation – Environmental Education, Information and Outreach
Environmental Affairs Department, Malawi

“The courses offered by the OEP tallied with my professional and personal aspirations. I always wanted to excel in my career and establish myself as an accomplished consultant in environmental policy and governance. I knew OEP offered courses and had the right teaching staff to help me achieve my goals.”



Sample study plan: Governance, Policy and Markets (200pt pathway)

YEAR 1	Sem 1	Sustainability, Governance and Leadership	Sustainable Business Practices	Public Relations and Communications	Environmental Economics and Strategy
	Sem 2	Environmental Policy	Environmental Policy Instruments	Climate Change Politics and Policy	Consumerism and the Growth Economy
YEAR 2	Sem 1	Public Policy Lobbying Strategies	Sustainability and Behaviour Change	Foundations of Social Policy	Hacking Society Systems in Transition
	Sem 2	Interdisciplinarity and the Environment	Social Entrepreneurship	China Field Class	

Integrated Water Catchment Management

With global climate change and more extreme weather conditions, water catchments have never been under more pressure, and professionals with skills in their management are in high demand.



Catchment management involves the integration of sound biophysical information with social and economic analysis to achieve the best outcomes for a catchment's natural resources, and the people who live and work there.

You will look into the functioning of catchments and the constraints to improving catchment management; particularly, how these constraints can be eased.

DESIGNED FOR

You are working, or want to pursue a career, in soil and water regulation, land management, and conservation in the private and public sectors. You have a degree in physical science, life science, social science, engineering, forestry, horticulture or agriculture. Professional geologists, natural resource scientists and managers who wish to gain advanced knowledge of catchment management strategies in urban and rural environments would also benefit from studies in this field.

GRADUATE PROFILE

Emily Renshaw

Graduate Project Officer
Department of Environment, Land, Water and Planning (DELWP)

"My capstone experiences were not only a highlight of the Masters, but also key to achieving my current role. This involved a field trip to Beijing, China and the Yellow River basin with Tsinghua University, where I developed an international perspective to water management challenges; an internship at the Victorian Environmental Water Holder (VEWH) where I was able to explore possible career pathways, network and strengthen work-related skills; and the completion of a research literature review, where I developed a broad understanding of the current integrated water management approach across Victoria."

CAREER OUTCOMES

You may find employment in regulatory agencies, local and state government authorities, environmental consulting companies, and industries concerned with land development, recreation and tourism.

Sample study plan: Integrated Water Catchment Management (200pt pathway)

YEAR 1	Sem 1	Sustainability, Governance and Leadership	Integrated River & Catchment Management	Soil Science and Management	Water Law & Natural Resources Management
	Sem 2	Monitoring Environmental Impacts	Environmental Analysis Tools	Biosecurity: Managing Invasive Species	Water and Waste Water Management
YEAR 2	Sem 1	Sustainable Water Resources Systems	Water Sensitive Urban Design	Landscape Ecology	Foundations of Spatial Information
	Sem 2	Interdisciplinarity and the Environment	Remote Sensing	Environmental Policy Instruments	International River Basin Management





Sustainable Cities, Sustainable Regions

Complex relationships exist between cities and the agricultural and natural environments on which they rely.

Sustainable Cities, Sustainable Regions examines both natural and man-made environments impact on urban, suburban, rural and regional dwellers in the 21st century at different scales, and applies sustainability concepts across various settings including the urban, rural and regional landscapes.

DESIGNED FOR

You are working in a land management, extension, or planning agency working and/or researching domestically or internationally, or you have a background that would allow you to move into advanced study of these issues.

GRADUATE PROFILE

Joe Glesta

Co-founder and CEO
SensCity

"Many lecturers engaged students outside of the classroom to help inspire them beyond the day-to-day teaching, which showed a passion and commitment that helped motivate students. These leading academics instilled their passion and knowledge to me in a way that allowed me to cultivate my own interests in their field."

CAREER OUTCOMES

Study in this specialisation leads to employment in regulatory agencies, local, state and national government, international and national consulting companies and industries. You can expect to work in urban, rural or regional areas.



Sample study plan: Sustainable Cities, Sustainable Regions (200pt pathway)

YEAR 1	Sem 1	Sustainability, Governance and Leadership	Analytical Methods	Introduction to Transport and Land Use	The Economies of Cities and Regions
	Sem 2	Urban Sustainability and Climate Change	Healthy Communities	Land Use and Urban Design	Participatory Planning
YEAR 2	Sem 1	Sustainable Landscapes	Foundations of Social Policy	Urban Transport Politics	Green Infrastructure for Liveable Cities
	Sem 2	Interdisciplinarity and the Environment	Designing Green Roofs and Walls	Environmental Industry Research	

Waste Management

Waste is more than just what people throw in the bin.



Air-borne emissions and liquid wastes impact upon water supplies. The complex waste streams produced by industry can have toxic effects on the environment.

Concerned with the management of various waste streams, this specialisation focuses on waste avoidance and minimisation, best environmental practice, and provides the tools for sound decision making at the design and implementation phases of waste management projects.

DESIGNED FOR

You have an undergraduate degree in another discipline as a way to gain investigative and management skills as part of an engineering education, or you want to develop theoretical and practical skills for working in environmental control authorities and industry.

GRADUATE PROFILE

Joshua Sam

Manager – Waste Management
National Capital District
Commission, Papua New Guinea

“I enjoyed the study support and resources and the caliber of academics; I feel privileged to have been taught by some of Australia’s leading academics. I liked the flexibility of the program and I had good opportunities to engage with industry and the Melbourne campus provided a great learning environment. I was promoted to Manager immediately upon my return because of the successful completion of my studies. Since I did a specialist course, the decision to appoint me was easily taken by management.”

Sample study plan: Waste Management (200pt pathway)

YEAR 1	Sem 1	Sustainability, Governance and Leadership	Solid Wastes to Sustainable Resources	Environmental Management ISO 14000	Sustainability and Behaviour Change
	Sem 2	Water and Waste Water Management	Ecological Restoration	Environmental Policy Instruments	Monitoring Environmental Impacts
YEAR 2	Sem 1	Environmental Impact Assessment	Project Management	Environmental Research Project	
	Sem 2	Interdisciplinarity and the Environment	Environmental Law	Environmental Research Project	





Tailored

As society becomes more sustainability focused, new areas of environmental specialisation are emerging, requiring unique skills and knowledge.

If you don't fit in to one of our 11 specialisations, or would like to combine knowledge across fields, the Tailored specialisation allows you to design your own degree!

Tailored specialisations offer the broadest range of subjects and can allow you to develop a particular interest beyond the named specialisations.

With your academic background, interests and career aspirations in mind, you will work with a course advisor to develop a focus and select subjects accordingly.

DESIGNED FOR

You have a specific interdisciplinary niche in mind, and seek skills for integration, collaboration and translation while gaining depth of knowledge in one or more fields of inquiry.

CAREER OUTCOMES

A tailored specialisation will prepare you well for roles requiring a blend of historically distinct fields. Examples include, but are not limited to, the combination of environmental sustainability with understanding of business entrepreneurship, drawing on knowledge of public health to improve landscape planning processes, and developing practices that require expertise in both energy systems and environmental law.

GRADUATE PROFILE

Vanessa Lucy

Project Officer Ecologist,
City of Melbourne

"The OEP was integral in attaining my current role as it provided me with well-rounded skills outside the area of zoological research and equipped me with sustainability knowledge, practical ecological skills, and essential communication and teamwork skills."



Sample study plan: Tailored – Focus On Food Systems (200pt pathway)

YEAR 1	Sem 1	Sustainability, Governance and Leadership	The Politics of Food	Food Production for Urban Landscapes	Sustainability and Behaviour Change
	Sem 2	Climate Change: Agricultural Impacts & Adaptation	Nutrition Politics and Policy	Sustainable Food Production	Consumerism and the Growth Economy
YEAR 2	Sem 1	Securing Sufficient and Healthy Food	Sustainable Landscapes	Environmental Industry Research	
	Sem 2	Interdisciplinarity and the Environment	Sustainable Food: Policy and Practice	Environmental Industry Research	



Sample study plan: Tailored – Focus On Urban Greening (200pt pathway)

YEAR 1	Sem 1	Sustainability, Governance and Leadership	Food Production for Urban Landscapes	Project Management	Environmental Impact Assessment
	Sem 2	Plant Production and Establishment	Designing Green Roofs and Walls	Urban Soils, Substrates and Water	Social Entrepreneurship
YEAR 2	Sem 1	Plants in the Landscape	Managing Urban Landscapes	Green Infrastructure for Liveable Cities	Water Sensitive Urban Design
	Sem 2	Interdisciplinarity and the Environment	Urban Sustainability and Climate Change	International Internship in Environment	

● Course Core Subjects ● Capstone Option Subjects ● Elective Subjects

GRADUATE PROFILE



Kunal Khanna

Co-founder and Director, The Odd Gumnut

"Coming in from a Commerce and Economics background, the diversity in the Masters of Environment course was exactly what I needed to expand my horizon and form an extremely well-rounded knowledge base for a future career. I focused on relating environment and sustainability to business, particularly in the social enterprise realm. I did a tailored program and undertook courses from the architecture, science, horticulture and agriculture faculties among others, all of which collectively helped me form the right mindset to go into the world and create change in a holistic manner."



Sample study plan: Tailored – Focus On Sustainable Business Practices (200pt pathway)

YEAR 1	Sem 1	Sustainability, Governance and Leadership	Sustainability and Behaviour Change	Sustainable Business Practices	Business and Government
	Sem 2	Environmental Policy Instruments	Sustainability Reporting & Management	Social Entrepreneurship	Advertising
YEAR 2	Sem 1	Environmental Economics and Strategy	Foundations of Social Policy	Managing Innovation and Entrepreneurship	Managerial Psychology
	Sem 2	Interdisciplinarity and the Environment	Public Relations and Communications	Environmental Industry Internship	

● Course Core Subjects ● Capstone Option Subjects ● Elective Subjects

How to Apply

Apply online at:

 futurestudents.unimelb.edu.au

For application deadlines visit:

 environment.unimelb.edu.au

ALL APPLICANTS NEED TO INCLUDE WITH THEIR APPLICATION

Originals or certified copies of academic transcripts and proof of completion for studies not undertaken at the University of Melbourne.

- › A statement of no more than 500 words that describes your personal motivation to undertake further study.
- › If work experience is to be considered as part of the application, supporting documentation from the employer, signed and on letterhead.
- › An indication of which specialisation(s) you'd like to apply for.
- › A Curriculum Vitae (optional)

Detailed information on how to apply is available from:

 environment.unimelb.edu.au

GRADUATE ACCESS MELBOURNE

If you are a domestic student and your personal circumstances have had a sustained adverse effect on your academic achievement, or you are members of a specified group known to be underrepresented in higher education, you may be eligible for Graduate Access Melbourne.

Applying through Graduate Access Melbourne may increase your chances of being accepted to the degree or receiving a Commonwealth Supported Place. You will also be considered for a Graduate Access Melbourne Bursary.

Domestic students can apply using one or more of the following categories:

- › Personal difficulties
- › Disability or chronic medical condition
- › Disadvantaged socioeconomic circumstances
- › Rural or isolated background
- › Recognition as an Indigenous Australia
- › Previous status as a refugee or current holder of a humanitarian visa
- › Women in Engineering

For more information about eligibility visit:

 go.unimelb.edu.au/aa8n

Fees and Financing

Degree	Duration (full-time)	Indicative Annual Fee 2021		Indicative Course Fee		CSP
		International	Domestic	International	Domestic	
Graduate Certificate in Environment	6 months	\$19,716 – \$23,516	\$14,440 – \$19,488	\$19,716 – \$23,516	\$14,440 – \$19,488	No
Graduate Diploma in Environment	1 year	\$39,432 – \$47,596	\$28,880 – \$39,792	\$39,432 – \$47,596	\$28,880 – \$39,792	No
Master of Environment (100 points)	1 year	\$39,432 – \$47,596	\$28,880 – \$39,792	\$39,432 – \$28,880	\$28,880 – \$39,792	Yes
Master of Environment (200 points)	2 years	\$39,432 – \$47,596	\$28,880 – \$39,792	\$80,460 – \$97,120	\$58,928 – \$81,100	Yes

Fees shown above are for 2021 and assume full-time study unless otherwise indicated. Fees are charged on a per subject basis and the total will depend on your subject choices. If course duration is one year or less, an estimate of the total program fee is shown.

For further details visit:

 futurestudents.unimelb.edu.au/fees

COMMONWEALTH SUPPORTED PLACES

CSPs for the Master of Environment may be awarded to eligible domestic students, but are not guaranteed. CSPs are limited and awarded based on academic merit.

If you are enrolled in a Commonwealth Supported Place, your tuition fees are subsidized by the Australian Government. You'll pay a student contribution amount, which is determined each year by the Government and is based on the subjects you take.

You may defer payment of your student contribution via HECS-HELP if you are eligible.

HECS-HELP

HECS-HELP is a loan scheme that allows eligible domestic students in a CSP to defer student contribution payments.

In the HECS-HELP scheme the Australian Government pays your student contribution amount. You only repay your HECS-HELP loan once your income meets the threshold.

AUSTRALIAN FEE PLACE

If you are enrolling in an Australian Fee Place, you'll be charged tuition fees for each semester that you are enrolled. Tuition fees are calculated based on the subjects that you are enrolled in.

You may defer payment of your fees via FEE-HELP if you are eligible.

FEE-HELP

FEE-HELP is a loan scheme that helps eligible Australian fee-paying students (full or part-time) pay their graduate tuition fees.

FEE-HELP can cover all or part of your tuition fees. The Australian Government pays the amount of the loan direct to the University.

You'll make repayments on your loan through the Australian Taxation Office (ATO) whenever your income is above the threshold, or you can make a voluntary repayment to the ATO at any time.

FEE-HELP is not means tested and there is no loan fee for graduate study. If you already have a HECS-HELP loan, you may still be able to access FEE-HELP.

SCHOLARSHIPS

The University of Melbourne has a range of scholarships, awards and other funding opportunities available to graduate students, both domestic and international. Scholarships may be based on merit, or needs and circumstances, and a range from one-off payments to annual stipends, and funding for specific activities.

For a full list of scholarships and further information, visit:

 scholarships.unimelb.edu.au



THE UNIVERSITY OF
MELBOURNE

Office for
Environmental
Programs



CONTACT US

study.unimelb.edu.au/connect-with-us

13 MELB (13 6352)

Walter Boas Building 163,
The University of Melbourne,
Parkville, 3010, Victoria

CONNECT WITH US

environment.unimelb.edu.au

@OfficeforEnvironmentalPrograms

© Copyright The University of Melbourne. This information was correct at the time of printing. Please check the OEP or University website for the most up-to-date information. The University reserves the right to make changes as appropriate.

Authorised by the Office for Environmental Programs.
The University of Melbourne January 2021.

CRICOS Provider Code: 00116K

Disclaimer

The University endeavours to ensure that information contained in this publication is current and correct at the time of printing. However, the University may change details relating to its courses from time to time (such as subjects offered, fees or academic staff). You should not rely on this publication to make any decision about making or accepting any application to study at the University. Before doing so, you should contact the School or Faculty directly to ensure that the relevant information is current and correct. This does not affect any rights you may have under the Australian Consumer Law.