Environmental Science (Environmental Management)

About this area of study

Environmental Science leads to a broad range of career options and is a growing industry. While there are increasing numbers of environmental jobs, the competition is fierce, and so volunteer work, particularly in the environment is looked upon strongly. Environmental careers are often multi-disciplinarily, but students studying environmental science benefit from having a science background and a strong interest in the environment.

Deakin University's Bachelor of Environmental Science (Environmental Management) will provide you with a broad-based knowledge of the functioning and management of the complex interactions between the biological, physical, social, economic and political worlds.

Environmental managers work with natural, rural and urban systems, and their natural and human communities. They monitor environmental health – to guard against the degrading impacts of overuse and waste disposal – as well as planning activities and developing policy to achieve the best outcome for the environment and our society.

As a graduate of the Bachelor of Environmental Science (Environmental Management) degree you may choose to pursue opportunities in a wide variety of careers such as environmental planning, environmental policy, sustainability, environmental protection, climate change adaptation and mitigation, industry-based environmental management, waste management, human dimensions of environmental management, environmental education, catchment management, water resource management, land rehabilitation, pollution control, environmental science, conservation, and coastal and park management.

Key skills that Environmental Science graduates demonstrate include

- Analytical proficiency
- Investigation and research techniques
- Problem-solving strategies
- Technical skills
- General interpersonal skills
- Teamwork

Courses offered by Deakin University include

- Bachelor of Environmental Science (Environmental Management)
- Bachelor of Environmental Science (Freshwater Biology and Management)
- Bachelor of Environmental Science (Marine Biology)
- Bachelor of Environmental Science (Wildlife and Conservation Biology)

Labour market information

Grads online has information regarding graduate salaries and where graduates go after completing their course www.gradsonline.com.au

Job Outlook has information about the labour market outlook http://joboutlook.gov.au

Related occupations

- Natural resource manager
- Environmental scientist
- Environmental engineer
- Urban and regional planner
- Geographer
- Environmental health officer
- Geoscience technician
- Hydrographer
- Marine biologist
- Aquaculture farmer
- Park ranger

An industry career profile, salary and other employment information can be obtained from the My Future website www.myfuture.edu.au

Descriptions of occupations can be found at The Job Guide www.jobguide.thegoodguides.com.au

Employers

Department of Agriculture, Fisheries and Forestry www.daff.gov.au

Department of Sustainability and Environment www.dse.vic.gov.au

Department of Primary Industries www.dpi.vic.gov.au

Commonwealth Scientific and Industrial Research Organisation (CSIRO) www.csiro.au

Local government Victoria www.localgovernment.vic.gov.au

Earthwatch Institute www.earthwatch.org/australia

Environment Protection Authority www.epa.vic.gov.au

KMH Environmental www.kmh.com.au

Chevron www.chevron.com

Parks Victoria www.parkweb.vic.gov.au

Phillip Island Nature Parks Australia www.penguins.org.au

Lane Cove River Tourist Park www.lcrtp.com.au

Zoos Victoria www.zoo.org.au

Greencorp www.greencorp.com

Melbourne Water www.melbournewater.com.au

For specific employment opportunities visit the following sites

Deakin University Jobshop www.deakin.edu.au/jobshop

Environmental Jobs Network www.environmentaljobs.com.au

Envirojobs www.envirojobs.com.au

Science Alert www.sciencealert.com.au

New Scientist Jobs www.newscientistjobs.com/jobs

Graduate Opportunities www.graduateopportunities.com

Uni Grad www.unigrad.com.au

Seek www.seek.com.au

My Career www.mycareer.com.au

Career One www.careerone.com.au

Professional associations

The Environment Institute of Australia and NZ www.eianz.org

Reef and Rainforest Research Centre www.reef.crc.org.au

Environment Victoria Inc. www.environmentvictoria.org.au

Keep Australia Beautiful Victoria www.kabv.org.au

Australian Conservation Foundation (ACF) www.acfonline.org.au

Australian Water Association www.awa.asn.au

Clean Energy Council www.cleanenergycouncil.org.au

Ecotourism Australia www.ecotourism.org.au

Australian Association for the Study of Peak Oil and Gas www.aspo-australia.org.au

CRC CARE www.crccare.com

Reef and Rainforest Research Centre www.reef.crc.org.au

Planet Ark www.planetark.org

Greening Australia www.greeningaustralia.org.au