Environmental Science (Wildlife and Conservation Biology)

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 (Wildlife and Conservation Biology) is the only course offered in Victoria with a major focus on the biology of wildlife and conservation.

Content focuses on 'real-world' problem solving and applied solutions to wildlife and conservation issues. The course is designed to provide theoretical and practical expertise in a range of discipline areas such as wildlife ecology, landscape and vegetation management, biodiversity and conservation, animal biology and park management.

The course is designed to enable graduates to contribute in a professional capacity to the study and management of wildlife populations both in Australia and overseas. You will be provided with knowledge, understanding and skills in the interdisciplinary study of the interactions of wildlife species with their environment.

As a graduate of the Bachelor of Environmental Science (Wildlife and Conservation Biology) you will be qualified for a career in wildlife conservation and management, and environmental science, and ready to take up challenging roles such as wildlife officer, conservation officer, wildlife manager, park ranger, project officer, research scientist, wildlife biologist, conservation biologist and landscape ecologist.

Key skills that Environmental Science (Wildlife and Conservation Biology) 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 (Wildlife and Conservation Biology)
- Bachelor of Environmental Science (Environmental Management)
- Bachelor of Environmental Science (Freshwater Biology and Management)

- Bachelor of Environmental Science (Marine 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

- Environmental scientist
- Marine biologist
- Aquaculture farmer
- Fisheries officer
- Natural resource manager
- Urban and regional planner
- Park ranger
- Wildlife retreat assistant
- Volunteer coordinator

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

Parks Victoria www.parkweb.vic.gov.au

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

Zoos Victoria www.zoo.org.au

Greencorp www.greencorp.com

Melbourne Water www.melbournewater.com.au

Australian National Geographic www.australiangeographic.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

Ecological Society of Australia www.ecolsoc.org.au

Australian Mammal Society www.australianmammals.org.au

CRC CARE www.crccare.com

Australian Green Development Forum (AGDF) www.agdf.org.au

Total Environment Centre www.tec.org.au

Planet Ark www.planetark.org

Greening Australia www.greeningaustralia.org.au

Ecotourism Australia www.ecotourism.org.au