

AQF LEVEL	AQF LEVEL 7 CRITERIA – BACHELOR DEGREE	PROGRAM LEARNING OUTCOMES
PURPOSE	The Bachelor Degree qualifies individuals who apply a broad and coherent body of knowledge in a range of contexts to undertake professional work and as a pathway for further learning.	
KNOWLEDGE	Graduates of a Bachelor Degree will have a broad and coherent body of knowledge, with depth in the underlying principles and concepts in one or more disciplines as a basis for independent lifelong learning.	Graduates of the Bachelor of Environmental Science will have: <ul style="list-style-type: none"> • A broad and coherent body of knowledge of: <ul style="list-style-type: none"> ○ environments at various scales, interdependencies between human societies and environments, and sustainability ○ key environmental and sustainability challenges and their drivers ○ holistic systems thinking and complexity • Knowledge of the underlying principles and concepts and research methodologies in either ecology, conservation biology, urban environment, soil and water science and environmental management • Knowledge to facilitate post-graduate studies focused on environmental science • Knowledge of the social, economic and planning aspects of environmental studies • Knowledge of diverse approaches to environment and sustainability, including: <ul style="list-style-type: none"> • disciplinary and transdisciplinary approaches to identifying and conceptualising environmental and sustainability challenges • different frameworks for knowing • their own and others’ values, knowledge, ethical positions and interests • the particular values, knowledge, ethical positions and interests of indigenous peoples globally.

SKILLS

Graduates of a Bachelor Degree will have:

- cognitive skills to review critically, analyse, consolidate and synthesise knowledge
- cognitive and technical skills to demonstrate a broad understanding of knowledge with depth in some areas
- cognitive and creative skills to exercise critical thinking and judgement in identifying and solving problems with intellectual independence
- communication skills to present a clear, coherent and independent exposition of knowledge and ideas

Graduates of the Bachelor of Environmental Science will have:

- Cognitive and technical skills in laboratory and field work including the design, evaluation, implementation, analysis and the accompanying theory for research in environmental sciences preparing students for postgraduate research
- Cognitive, technical and creative skills in the use and application of multidisciplinary approaches to resolving environmental issues
- Cognitive skills to review, critically analyse and interpret the scientific literature across the broad discipline of environmental science as it pertains to the analysis and strategic management and solution of environmental and sustainability issues
- Communication skills for high level written and oral dissemination of the inter-disciplinary knowledge required for environmental management and effective team-work required for managing the complex and multifaceted dimensions of environmental issues (including the ability to effectively communicate with non-expert community audiences) .

APPLICATION OF KNOWLEDGE & SKILLS

Graduates of a Bachelor Degree will demonstrate the application of knowledge and skills:

- with initiative and judgement in planning, problem solving and decision making in professional practice and/or scholarship
- to adapt knowledge and skills in

Graduates of the Bachelor of Environmental Science will demonstrate the application of knowledge and skills

- to analyse contemporary and pressing environmental issues, identify their ecological and scientific bases as well as their policy dimensions, and use creative and innovative approaches and methods to apply a suite of new and evolving tools and techniques to their management
- to reflect on and direct their own learning and practice in the context of environment and sustainability

<p>diverse contexts</p> <ul style="list-style-type: none">• with responsibility and accountability for own learning and professional practice and in collaboration with others within broad parameters	<ul style="list-style-type: none">• to be socially and culturally responsible and engaged in their communities and in environments• to participate constructively in decision-making consistent with principles of sustainable development.
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