

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 a Bachelor of Computer Science degree will have a broad and coherent body of knowledge in the area of computer science and computer programming. They will have depth in the underlying principles and concepts in computer science and professional standards and practice as a basis for independent lifelong learning.	
SKILLS	Graduates of a Bachelor Degree will have: <ul style="list-style-type: none"> • 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 a Bachelor of Computer Science will have: <ul style="list-style-type: none"> • the cognitive skills to review critically, analyse, consolidate and synthesise knowledge in the area of computer science • Cognitive and technical skills to demonstrate a broad understanding of knowledge with depth in the areas of software and application development, computer algorithms, data science and artificial intelligence • cognitive and creative skills to exercise critical thinking and judgment in identifying and solving computational problems with intellectual independence • skills to comprehend written and verbal communication and present a clear, coherent and independent exposition of software designs, specifications, algorithms, technologies and ideas to a range of audiences both writing and orally. 	

**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 diverse contexts
- with responsibility and accountability for own learning and professional practice and in collaboration with others within broad parameters

Graduates of a Bachelor of Computer Science will be able to demonstrate the application of knowledge and skills:

- with initiative and judgment in planning, problem solving and decision making in professional practice including analysis, design, implementation and maintenance of software technologies both individually and in teams in the development of software products and computing technologies
- to adapt knowledge and skills to solving new computation problems or creating new software technologies across a wide array of application areas, by using appropriate abstraction and system modelling, and design methodologies
- with responsibility and accountability for own learning and professional practice and in collaboration with others in response to rapidly changing technology as part of lifelong learning.