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 Biomolecular Science will have: • a broad and coherent body of knowledge that underpins the theories and practices of biomolecular science and their application to career pathways medical research and the bioscience industries and the allied professions, as a basis for independent lifelong learning • depth in the underlying principles and concepts across a range of scientific disciplines, especially across the more specialist biomolecular disciplines of cell biology, chemistry, biochemistry and molecular biology • knowledge necessary for further vocational training or postgraduate studies in the biomolecular sciences and related fields including progression into a postgraduate research program, a postgraduate coursework Masters • have an awareness of, and an appropriate level of knowledge and understanding of workplace health and safety requirements with respect to standard biomolecular science laboratory and workplace practices.
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	Graduates of Bachelor of Biomolecular Science will have: • cognitive skills to review critically, analyse, consolidate and synthesise knowledge and scientific literature in biomolecular science, for the purpose of deep learning in the biomolecular sciences and allied biosciences and chemistry • 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, exhibiting a high level of scientific literacy, to present a clear, coherent and independent exposition of scientific knowledge and ideas to peers, scientific non-experts

	problems with intellectual independence • communication skills to present a clear, coherent and independent exposition of knowledge and ideas	and the general community • technical skills to apply recognised methods of biomolecular science for the processes of scientific discovery and independent scientific inquiry • cognitive and technical skills to work safely, responsibly and ethically in individual and team work environments.
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 Bachelor of Biomolecular Science will demonstrate the application of knowledge and skills: • with initiative and judgement in planning and decision making in biomolecular science professional practice and/or scholarship, to critically analyse problems and challenges and to create effective solutions • to adapt knowledge and skills to one or more discipline areas of biomolecular science • with initiative, responsibility and accountability for their own learning and professional practice through independent self-management and in collaboration with others within broad workplace parameters • to collect, analyse, organise and interpret biomolecular scientific data meaningfully with the use of experimental, computational and technological approaches.