

AQF LEVEL	AQF LEVEL 8 CRITERIA – BACHELOR HONOURS DEGREE	PROGRAM LEARNING OUTCOMES
PURPOSE	The Bachelor Honours Degree qualifies individuals who apply a body of knowledge in a specific context to undertake professional work and as a pathway for research and further learning.	
KNOWLEDGE	Graduates of a Bachelor Honours Degree will have coherent and advanced knowledge of the underlying principles and concepts in one or more disciplines and knowledge of research principles and methods	<p>Graduates of the Bachelor of Information Technology (Honours) will have coherent and advanced knowledge of the underlying principles and concepts in one or more categories of the ICT Core Body Of Knowledge (CBOK), and knowledge of the research principles and methods relevant to ICT. The ICT CBOK (as defined by Australian Computer Society) are:</p> <ul style="list-style-type: none"> <li>• ICT problem solving. This is the knowledge of how to use modelling methods and processes to understand problems, handle abstraction and design solutions</li> <li>• professional knowledge. This includes ethics, professionalism, teamwork concepts and issues, interpersonal communication, societal issues/legal issues/privacy, history and status of discipline</li> <li>• technology building. This includes programming, human-computer interaction, systems development, and systems acquisition</li> <li>• technology resources. This includes hardware and software fundamentals, data and information management, and networking</li> <li>• services management. This includes service management, and security management</li> <li>• outcome management. This includes IT governance, IT project management, change management, and security policy.</li> </ul>

**SKILLS**

Graduates of a Bachelor Honours Degree will have:

- cognitive skills to review, analyse, consolidate and synthesise knowledge to identify and provide solutions to complex problems with intellectual independence
- cognitive and technical skills to demonstrate a broad understanding of a body of knowledge and theoretical concepts with advanced understanding in some areas
- cognitive skills to exercise critical thinking and judgement in developing new understanding
- technical skills to design and use research in a project
- communication skills to present a clear and coherent exposition of knowledge and ideas to a variety of audiences

Graduates of the Bachelor of Information Technology (Honours) will have:

- cognitive skills to review, analyse, consolidate, and synthesise knowledge of one or more categories of the ICT CBOK in order to identify and provide solutions to complex problems with intellectual independence
- cognitive and technical skills to demonstrate a broad understanding of the ICT CBOK, with advanced understanding in one or more of the CBOK categories
- cognitive skills in critical thinking and judgement in developing new understandings within one or more of the ICT CBOK categories
- technical skills, including ICT problem solving and technology building, to design and use research in ICT related projects
- communication skills, including listening, speaking, reading and writing English, to present a clear and coherent exposition of knowledge and ideas relating to the ICT CBOK to a variety of audiences.

### APPLICATION OF KNOWLEDGE & SKILLS

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

- with initiative and judgement in professional practice and/or scholarship
- to adapt knowledge and skills in diverse contexts
- with responsibility and accountability for own learning and practice and in collaboration with others within broad parameters
- to plan and execute project work and/or a piece of research and scholarship with some independence

Graduates of the Bachelor of Information Technology (Honours) will demonstrate the application of knowledge and skills that are defined in the Skills Framework for the Information Age (SFIA). These skills are grouped in terms of autonomy, influence, complexity, and business skills as described below for level 4 responsibility.

- autonomy:
  - work as an ICT professional under general direction within a clear framework of accountability
  - exercises substantial personal responsibility and autonomy
  - plans own work to meet given objectives and processes.
- influence:
  - influences team and specialist peers internally
  - influences customers at account level and suppliers
  - take some responsibility for the work of others and for the allocation of resources
  - participates in external activities related to own specialism
  - makes decisions which influence the success of projects and team objectives.
- complexity:
  - performs a broad range of complex technical or professional work activities, in a variety of contexts
  - investigates, defines and resolves complex problems.
- business/professional skills:
  - selects appropriately from applicable standards, methods, tools and applications
  - demonstrates an analytical and systematic approach to problem solving
  - communicates fluently orally and in writing, and can present complex technical information to both technical and non-technical audiences
  - facilitates collaboration between stakeholders who share common objectives
  - plans, schedules and monitors work to meet time and quality targets and in accordance with relevant legislation and procedures
  - rapidly absorbs new technical information and applies it effectively
  - has a good appreciation of the wider field of information systems, their use in relevant

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	<p>employment areas and how they relate to the business activities of the employer or client</p> <ul style="list-style-type: none"><li>• maintains an awareness of developing technologies and their application and takes some responsibility for personal development.</li></ul>
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