

AQF LEVEL	AQF LEVEL 9 CRITERIA – MASTERS DEGREE (COURSEWORK)	PROGRAM LEARNING OUTCOMES
PURPOSE	The Masters Degree (Coursework) qualifies individuals who apply an advanced body of knowledge in a range of contexts for professional practice or scholarship and as a pathway for further learning	
KNOWLEDGE	Graduates of a Masters Degree (Coursework) will have: <ul style="list-style-type: none"> a body of knowledge that includes the understanding of recent developments in a discipline and/or area of professional practice knowledge of research principles and methods applicable to a field of work and or learning 	Graduates of the Master of Cyber Security will have: <ul style="list-style-type: none"> an advanced body of knowledge in Cyber Security that includes technical skills and expertise to analyse, audit, and combat current and future cyber security risks and threats. knowledge of research principles and methods applicable to Cyber Security.
SKILLS	Graduates of a Masters Degree (Coursework) will have: <ul style="list-style-type: none"> cognitive skills to demonstrate mastery of theoretical knowledge and to reflect critically on theory and professional practice or scholarship cognitive, technical and creative skills to investigate, analyse and synthesise complex information, problems, concepts and theories and to apply established theories to different bodies of knowledge or practice cognitive, technical and creative skills to generate and evaluate complex ideas and concepts at an abstract level communication and technical research skills to justify and interpret theoretical propositions, methodologies, conclusions and professional decisions to specialist and non-specialist audiences technical and communication skills to design, evaluate, implement, analyse and theorise about developments that contribute to professional practice or scholarship 	Graduates of the Master of Cyber Security will have: <ul style="list-style-type: none"> cognitive skills to reflect critically on the theory and practices of cyber security and the challenges of securing networked devices and infrastructure. cognitive, technical and creative skills to investigate and identify cyber security risks, analyse and synthesise complex information, and effectively integrate advanced theoretical and technical knowledge to generate innovative cyber security solutions for real-world problems. cognitive and technical skills to audit organisational cyber security risks and architectural needs, analyse user requirements, evaluate various strategies to manage cyber security risks, and propose appropriate and innovative solutions. communication skills to present knowledge of cyber security technologies, concepts and solutions to both specialists and non-specialists audiences.

**APPLICATION OF
KNOWLEDGE &
SKILLS**

Graduates of a Masters Degree (Coursework) will demonstrate the application of knowledge & skills:

- with creativity and initiative to new situations in professional practice and/or for further learning
- with high level personal autonomy and accountability
- to plan and execute a substantial research-based project, capstone experience and/or piece of scholarship

Graduates of the Master of Cyber Security will demonstrate the application of knowledge and skills:

- to conduct risk and vulnerability assessments of networked devices and infrastructure.
- to creatively plan and implement innovative solutions to cyber security problems in an independent and responsible manner.
- to critically evaluate alternate solutions from research literature and make recommendations.
- to plan and execute a substantial research-based cyber security project, capstone experience or a dissertation.