

<b>AQF LEVEL</b>	<b>AQF LEVEL 9 CRITERIA – MASTERS DEGREE (RESEARCH)</b>	<b>PROGRAM LEARNING OUTCOMES</b>
<b>PURPOSE</b>	The Masters Degree (Research) qualifies individuals who apply an advanced body of knowledge in a range of contexts for research and scholarship and as a pathway for further learning.	
<b>KNOWLEDGE</b>	Graduates of a Masters Degree (Research) will have: <ul style="list-style-type: none"> <li>a body of knowledge that includes the understanding of recent developments in one or more disciplines</li> <li>advanced knowledge of research principles and methods applicable to the field of work or learning</li> </ul>	Graduates of the Master of Medical Research will have: <ul style="list-style-type: none"> <li>an advanced and in-depth understanding of the complex body of knowledge in the field of medical research, including an understanding of current and emerging issues in the field</li> <li>advanced knowledge, through undertaking a substantial original research project, of the principles and methods relevant to the medical research setting, including the ethical principles, standards and practices which apply in the international medical research community.</li> </ul>
<b>SKILLS</b>	Graduates of a Masters Degree (Research) will have: <ul style="list-style-type: none"> <li>cognitive skills to demonstrate mastery of theoretical knowledge and to reflect critically on theory and its application</li> <li>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</li> <li>cognitive, technical and creative skills to generate and evaluate complex ideas and concepts at an abstract level</li> </ul>	Graduates of the Master of Medical Research will have acquired skills to: <ul style="list-style-type: none"> <li>critically analyse, reflect, and synthesise complex information, problems, concepts, and theories, including the skills to apply established theories to a body of knowledge or practice with a view to finding new or alternative solutions</li> <li>master theoretical knowledge and complex ideas to analyse and evaluate emerging theories and concepts in the medical research field, and use these skills to design and implement appropriate research and research methods and theorise from results</li> <li>utilise advanced written and oral communication and technical skills, gained through seminar presentations of research findings, to disseminate and defend research results to peers and non-specialist audiences</li> <li>utilise laboratory and communication skills to design, undertake and evaluate a significant piece of original research, and deliver a substantial piece of scholarly writing which makes a contribution to knowledge in the international medical research community.</li> </ul>

**APPLICATION OF  
KNOWLEDGE &  
SKILLS**

- cognitive and technical skills to design, use and evaluate research and research methods
- communication and technical skills to present a coherent and sustained argument and to disseminate research results to specialist and non-specialist audiences
- technical and communication skills to design, evaluate, implement, analyse, theorise and disseminate research that makes a contribution to knowledge

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

- with creativity and initiative to new situations and/or for further learning
- with high level personal autonomy and accountability
- to plan and execute a substantial piece of research

Graduates of the Master of Medical Research will be able to:

- creatively apply the knowledge and skills developed in the program to new opportunities for medical research in the public or private sector, or for further learning through higher degree research studies
- ensure high level personal accountability and autonomy by following accepted ethical principles, standards and practices which apply in the international medical research community, and following relevant workplace health and safety, legislative and regulatory requirements
- demonstrate awareness and respect for the culturally diverse medical research community and work effectively in a diverse range of organisations, as part of a collaborative team or individually
- plan and execute a substantial piece of original research in the medical field.