

**Faculty of Science and Health: Standard Milestones for Masters by Dissertation Students
(mathematics)**

Milestones	Criteria for progress	Deliverables	Deadline
M1: Progress to Year 2 (or equivalent for part-time students)	A: Assess training needs and knowledge required to undertake research project and complete the thesis.	<ul style="list-style-type: none"> ▪ Training Needs Analysis to be completed. ▪ Attend Proficio courses and plan for further courses to attend, as appropriate. ▪ 	<ul style="list-style-type: none"> ▪ Term 1 for full-time students; Term 2 for part-time students ▪ By end of Term 3 for full-time students; Term 6 for part-time students
	B: Clarify research topic and demonstrate an understanding of topic and relevance to wider research	<p>Research Project Proposal, including (dependent on subject area):</p> <ul style="list-style-type: none"> ▪ Write central research problem/questions to be answered. ▪ Methodological considerations. ▪ Feasibility Report – identifying sources, health and safety aspects access and ethical considerations ▪ Create project plan, outlining objectives for each stage. 	<ul style="list-style-type: none"> ▪ By first Supervisory Board and RSPC (Term 1 for full-time students; Term 2/3 for part-time students)
	C: Demonstrate the ability to produce work of the quality and quantity in order to complete a Masters by Dissertation within the two year maximum period.	<ul style="list-style-type: none"> ▪ Evidence that academic writing is of standard and ability expected at Masters by dissertation level, including adequate referencing and language skills. ▪ Write critical literature review ▪ clearly identify the major research questions and confirm that adequate resources for completion of the thesis are available 	<ul style="list-style-type: none"> ▪ By end of year 1 SB and RSPC –(Term 3) for full-time students; ▪ By end of year 2 SB and RSPC – (Term 6) for part-time students.
	D: Demonstrate work of the quality and quantity expected at the end of Year 1	<ul style="list-style-type: none"> ▪ Create a detailed, realistic plan of work leading to submission ▪ Produce x draft chapters/ papers 	<ul style="list-style-type: none"> ▪ By end of year Supervisory Board (Term 3 for full-time students; Term 6 for part-time students) ▪

		<ul style="list-style-type: none"> ▪ Report on research undertaken to date ▪ Research completed (experimental, empirical and theoretical work, where relevant) ▪ Produce supervisory board report written in a clear and self-reflective style 	
	E: Demonstration of effective project management through the setting of research goals and prioritisation of activities.	<ul style="list-style-type: none"> ▪ Create a detailed, realistic completion plan (if required) ▪ Produce supervisory board report written in a clear and self-reflective style 	<ul style="list-style-type: none"> ▪ By end of year Supervisory Board (Term 3 for full-time students; Term 6 for part-time students)
	F: Subject-specific milestones	Full progress report (8 - 10,000 words in most cases, but a shorter report accompanied by a clear summary of relevant results /work may be acceptable [with the supervisor's approval])	
M2: Completion Year (if needed)	A: Clear evidence of progress towards submission	<ul style="list-style-type: none"> ▪ Completed final draft of thesis by supervisor(s)/ supervisory board comment 	<ul style="list-style-type: none"> ▪ By Supervisory Board prior to submission.