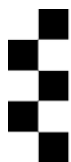
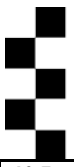


**Faculty of Science and Health**  
**Department of Mathematical Sciences Milestones for MPhil Students – 2021-22 Entry**

| <b>Milestones</b>   | <b>Criteria for progress</b>   | <b>Deliverables</b>  | <b>Deadline</b>  |
|---|--|--|--|
| 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"> <li>▪ Training Needs Analysis to be completed.</li> <li>▪ Attend Proficio courses and plan for further courses to attend, as appropriate.</li> </ul>  | <ul style="list-style-type: none"> <li>▪ Term 1 for full-time students; Term 2 for part-time students</li> <li>▪ By end of Term 3 for full-time students; Term 6 for part-time students</li> </ul> |
|   | B: Choose research topic and demonstrate significance/impact of research.  | <p>Research Project Proposal, including (dependent on subject area):</p> <ul style="list-style-type: none"> <li>▪ Write central research problem/questions to be answered.</li> <li>▪ Methodological considerations.</li> <li>▪ Feasibility Report – identifying sources, access, health and safety aspects and ethical considerations</li> <li>▪ Create project plan, outlining objectives for each stage.</li> </ul> | <ul style="list-style-type: none"> <li>▪ By the second panel Meeting (or Term 3 for full-time students; Term 6 for part-time students)</li> </ul>  |
|   | C: Demonstration of effective project management through the setting of research goals and prioritisation of activities. | <ul style="list-style-type: none"> <li>▪ Create a detailed, realistic plan of work/ timetable for Year 2.</li> </ul> <p>Produce supervisory panel report written in a clear and self-reflective style</p>  | <p>By the second panel Meeting (or Term 3 for full-time students; Term 6 for part-time</p>   |
| M2: Confirmation  | A: Review training needs and knowledge required to continue with research project and complete the thesis.               | <ul style="list-style-type: none"> <li>▪ Training Needs Analysis to be reviewed.</li> </ul>  | Term 4 for full-time students; Term 7 for part-time students   |



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|--|---|--|--|
|  | B: Demonstrate understanding of chosen topic within the context of the field.   | <ul style="list-style-type: none"> <li>▪ Critical Literature Review (where relevant)</li> </ul>  | <ul style="list-style-type: none"> <li>▪ By Confirmation Board (Term 4 for full-time students; Term 7 for part-time students)</li> </ul> |
|  | C: Demonstrate the ability to produce work of the quality and quantity in order to complete within the standard period.                       | <ul style="list-style-type: none"> <li>▪ Evidence that academic writing is of standard and ability expected at MPhil level, including adequate referencing and language skills.</li> </ul> | <ul style="list-style-type: none"> <li>▪ By Confirmation Board (Term 4 for full-time students; Term 7 for part-time students)</li> </ul> |
|  | D: Subject-specific milestones<br><br>Students must have gained an in depth understanding of their chosen field of study. They must have made | 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               | <ul style="list-style-type: none"> <li>▪ By Confirmation Board (Term 4 for full-time students; Term 7 for part-time students)</li> </ul> |
| Assess whether the planned research requires completion of the new <a href="#">COVID Risk Assessment</a> for PGR student research and placement activities. All such risk assessments should be discussed at subsequent SPs and RSPBs. |   |  |  |
| M3: During Year 2 (or equivalent for part-time students)   | A: Review training needs and knowledge required to continue with research project and complete the thesis.                                    | <ul style="list-style-type: none"> <li>▪ Attend Proficio courses and plan for further courses to attend, as appropriate.</li> </ul>  | <ul style="list-style-type: none"> <li>▪ By end of Term 6 for full-time students; Term 12 for part-time students</li> </ul>              |
|  | B: Demonstration of effective project management through the setting of research goals and prioritisation of activities.                      | <ul style="list-style-type: none"> <li>▪ Create a detailed, realistic completion plan.</li> <li>▪ Produce Supervisory Panel report written in a clear and self-reflective style</li> </ul> | By Supervisory Panel (Term 5 for full-time students; Term 10 for part-time students)   |
|  | C: Demonstrate work of the quality and quantity expected for an MPhil at the end of Year 2 (or equivalent for part-time students)             | <ul style="list-style-type: none"> <li>▪ Produce draft of all core chapters</li> <li>▪ Report on research undertaken to date</li> </ul>  | By Supervisory Panel (Term 5 for full-time students; Term 10 for part-time students)   |



|   |  |   |   |
|---|--|---|---|
| If Required:<br>M4: request to enter<br>Completion Period | A: Demonstrate work of the quality and quantity expected when nearing submission | <ul style="list-style-type: none"> <li>▪ Research completed (experimental, empirical and theoretical work, where relevant)</li> </ul>   | By the Term 6 progress panel for full-time students; Term 12 for part-time students |
|   | B: Clear evidence of progress towards submission                                 | <ul style="list-style-type: none"> <li>▪ Completed final draft of thesis for supervisor(s)/ supervisory panel comment</li> </ul>  | By the Term 6 progress panel for full-time students; Term 12 for part-time students |
|   | C: Clear plan to submission  | <ul style="list-style-type: none"> <li>• Submission date agreed                             <ul style="list-style-type: none"> <li>▪ Detailed schedule to submission</li> </ul> </li> </ul> | Timeline agreed by Supervisory panel.   |
|   | D: Subject-specific milestones   | <ul style="list-style-type: none"> <li>▪ Review publication(s) so far and plan further ones if enough unpublished results have been produced.</li> </ul>                                    |   |

Assess whether the planned research requires completion of the new [COVID Risk Assessment](#) for PGR student research and placement activities. All such risk assessments should be discussed at subsequent SPs and RSPBs.