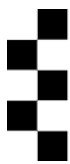
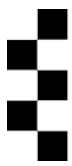


Faculty of Science and Health
Department of CSEE Milestones for PhD Students 2020-21 entry

| Milestones | Criteria for progress | Deliverables | Deadline |
|---|--|--|--|
| M0: First Supervisory Panel. | A: Ability to write and speak coherently about the proposed research and its context. | Brief technical report on the work done so far, including familiarisation and technical tools. | By end of Term 1 for full-time students; Term 2 for part-time students. |
| | B: Assess training needs and knowledge required to undertake research project and complete the thesis. | Training Needs Analysis. | |
| M1: Progress to Year 2 (or equivalent for part-time students) | A: Re-assess training needs and knowledge required to undertake research project and complete the thesis. | Proficuo courses attended and plan for further courses to attend. | By end of Term 3 for full-time students; Term 6 for part-time students |
| | B: Choose/narrow down the research topic and demonstrate significance/impact of research. | Research Project Proposal, including (dependent on subject area): <ul style="list-style-type: none"> ▪ Central research problem/questions to be answered. ▪ Methodological considerations. ▪ Project plan, outlining objectives for each stage. | |
| | C: Demonstration of effective project management through the setting of research goals and prioritisation of activities. | Detailed, realistic plan of work/ timetable for Year 2. | |
| | D: Technical ability to be demonstrated by example. | Working prototype, demonstration, or simulation appropriate to the technical area of research, created substantially by the student and showing an appropriate level of technical competence. | |
| M2: Confirmation | A: Demonstrate understanding of chosen topic within the context of the field. | Critical review of the research literature relevant to the topic. | By Confirmation Board (Term 4 for full-time students; Term 7 for part-time students) |



| | | | |
|--|---|---|---|
| | B: Demonstrate the ability to produce work of the quality and quantity required to complete within the three year standard PhD period (six years for part-time students). | Evidence that academic writing is of standard and ability expected at PhD level, including adequate referencing and language skills. Suitable evidence is draft or submitted papers or a report. | |
| | C: Demonstrate novelty of research questions and show how to address them. | Draft or submitted papers, or discussion at the Supervisory Panel. | |
| 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. | | | |
| M3: Progress from Year 2 to Year 3 (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"> ▪ Training Needs Analysis to be reviewed. ▪ Proficio courses attended and plan for further courses to attend. | <ul style="list-style-type: none"> ▪ Term 4 for full-time students; Term 7 for part-time students ▪ By end of Term 6 for full-time students; Term 12 for part-time students |
| | B: Demonstrate work of the quality and quantity expected at the end of Year 2. | <ul style="list-style-type: none"> ▪ Draft chapters/papers ▪ Report on research undertaken to date | By end of year Supervisory Panel (Term 6 for full-time students; Term 12 for part-time students) |
| | C: Review significance and impact of research and articulate output. | For example: <ul style="list-style-type: none"> ▪ Present research to students and staff at seminars/conferences ▪ Draft journal article(s) | |
| | D: Demonstration of effective project management through the setting of research goals and prioritisation of activities. | <ul style="list-style-type: none"> ▪ Detailed, realistic plan of work/ timetable for Year 3 which demonstrates the ability to submit within the three year standard PhD period (six years for part-time students). | |
| 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. | | | |
| M4: Year 3 (or equivalent for part-time students) | A: Ability to reflect on skills and knowledge development and its application to the research project | Training Needs Analysis | By the Term 7 progress panel for full-time students; Term 15 for part-time students |



| | | | |
|--|--|---|---|
| | B: Demonstrate work of the quality and quantity expected when nearing submission | <ul style="list-style-type: none"> ▪ Research completed (experimental, empirical and theoretical work, where relevant) ▪ Draft chapters/papers. | By the Term 7 progress panel for full-time students; Term 15 for part-time students |
| | C: Clear evidence of progress towards submission | <ul style="list-style-type: none"> ▪ Completed draft of chapters for supervisor(s)/supervisory panel comment. ▪ Plan of thesis (chapter headings and main sub-headings) | By interim Supervisory Panel prior to submission/Term 7/8 for full-time students; Term 15 to 16 for part-time students) |
| If required: M5: Request to enter Completion period | A: Clear plan to submission | <ul style="list-style-type: none"> • Timeline of work needing to take place before submission • Draft thesis or chapters. | Timeline agreed by Supervisory Panel. |
| 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. | | | |