Research Project Proposal (quantitative)

This proposal form is for the 6, 12 and 18UOC research project elective courses in the School of Population Health Masters programs.

**Students: please confirm your eligibility to enrol in the course and provide evidence to your academic supervisor/s before you start to draft the research proposal.**

Drafting the research project proposal is the first stage of the research training process for this course. Students will develop and draft the proposal in collaboration with the academic supervisor/s, who will be asked to confirm their support of the project when the application is submitted. The scope and complexity of the project proposal must align with the number of units of credit and associated time commitment (approximately 150 hours per 6UOC).

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| **Student name and zID:** | |
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| **Units of credit:** i.e. 6, 12, 18 UOC | |
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| **Project title:** | |
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| **BACKGROUND** | |
| [Instruction: draft 2-3 paragraphs, with supporting references, summarising the public health problem, what is/isn’t known, and how this project will add to the evidence] | |
| **PROJECT AIM / RESEARCH QUESTION** | |
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| **METHODS** | |
| **Study design:** | e.g. RCT, cohort, cross-sectional, ecological |
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| **Study population & period:** | |
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| **Data collection:** Provide a summary of the primary or secondary data collection methods, including data sources (if secondary). For systematic/scoping reviews, the search, screening and data extraction methods should be described. | |
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| **Confirm that data is available for analysis from Week 1 of enrolled Term**  To ensure students can complete the project within the enrolled period, data must be available for analysis from the start of the enrolled period.  For 12/18UoC projects: if the plan is to use both existing data and some additional data collected by the student, please provide a plan B for the case where the data collection does not proceed as planned. | |
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| **Measures/variables (e.g. outcomes, exposures, covariates, as relevant):** | |
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| **Data quality/consistency checks (including missing data):** | |
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| **Analysis methods:** | |
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| **SIGNIFICANCE OF THE RESEARCH** | |
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| **PROJECT OUTPUT/S**  Students are required to submit a project report for assessment. Please also describe any planned contribution to published outputs from the project (highly encouraged). | |
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| **ETHICS**  Students are required to provide evidence of the: (i) the ethics approval/s for the existing broader project; and (ii) approval to add the student to project protocol and any other amendment related to the student project. These are required for enrolment.  If your project does not require ethics approval, please state why (and evidence of communication with the relevant ethics committee/s if unsure). | |
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| **KEY TASKS AND TIMEFRAME**  Outline the timeframe for undertaking key project tasks during the enrolment period. Note that 6UoC is equivalent to 10 weeks full-time (or one Term). | |
| Modify the example project timeline below to reflect key tasks and timing for the proposed project, including multiple terms where relevant:   |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  |  | **Term weeks** | | | | | | | | | | | Tasks | **Prior** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | | Ethics |  |  |  |  |  |  |  |  |  |  |  | | Lit. rev. |  |  |  |  |  |  |  |  |  |  |  | | Detailed data analysis plan |  |  |  |  |  |  |  |  |  |  |  | | Clean/ prep data |  |  |  |  |  |  |  |  |  |  |  | | Analyse data |  |  |  |  |  |  |  |  |  |  |  | | Draft report |  |  |  |  |  |  |  |  |  |  |  | | |
| **CONSUMER AND/OR COMMUNITY ENGAGEMENT** | |
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| **KNOWLEDGE / SKILL ACQUISITION**  Describe key research knowledge and skills that will be developed during the project. Multiple supervisors are encouraged to support the relevant knowledge/skills. | |
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| **PROJECT FEASIBILITY**  Provide a statement re. the feasibility of completing the key project tasks within the project timelines. Consider the student knowledge/skillset at enrolment, anticipated knowledge/skill acquisition during the course, supervision to support knowledge/skill acquisition, and other potential barriers to completing project tasks within the enrolment period. A plan B is recommended for components with any risk of delay. | |
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| **REFERENCES** | |
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Student signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Primary supervisor signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_