HDR Research Proposal Template

Faculty of Science

Research applicants to **Science** disciplines in the following schools should use this template:

* School of Biology and Environmental Science
* School of Chemistry and Physics
* School of Computer Science
* School of Earth and Atmospheric Sciences
* School of Information Systems
* School of Mathematical Sciences

**TO BE COMPLETED IN CONSULTATION WITH PROPOSED PRINCIPAL SUPERVISOR**

***NOTE: The Research Proposal should be 2 to 3 pages in length***

|  |  |
| --- | --- |
| **Applicant’s name** |  |
| **QUT application ID** |  |
| **Date** |  |
| **Degree** | Choose an item |
| **School** | Choose an item |
| **Principal supervisor’s name** |  |

1. **Research project title:**

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| Provide a clear and brief description of your proposed research project. This is the working / draft title for the project. |
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1. **Objectives of the research project:**

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| What will be investigated, analysed or demonstrated |
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1. **Brief overview of the research project:**

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| Provide a brief overview of your project. This should include the reason for undertaking this research and the significance of the topic |
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1. **Proposed methods:**

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| Describe the following in this section:* Approach / methodology
* Experimental Design and Investigation: (Include details on equipment you require for this project? Is it available at QUT, or other accessible location?)
* Data Collection and Validation: (Include details on access to any specialist software or other equipment that are NOT currently available at QUT)
* If the project requires access to external facilities what arrangements have been made for this?
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1. **Industry engagement:**

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| Is there any potential for your project to incorporate industry engagement (e.g. through an industry-based internship or sponsorship? Please provide details.  |
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1. **Project alignment:**

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| Describe if and how your project aligns with National priorities, University Research Centres, Faculty Research Centres and Groups. |
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1. **Approvals and permits:**

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| Will this project require any of the following approvals, controls or permits?* Ethics approvals (i.e., utilising Human participants or Animal subjects, including cadaveric materials)
* Biosafety (e.g., gene technology, high-risk biologicals)
* Export controls (e.g., items on the defence and strategic goods list, export controlled technologies)
* Clinical trials or medical devices

If so, provide details (see <https://www.qut.edu.au/research/why-qut/ethics-and-integrity>) |
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1. **References:**

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| List of key references relevant to the research |
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1. **Research project timeline:**

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| Provide a draft plan of the stages of your research for each year of your candidature. Edit the table below as appropriate (3 years for IF49 PhD, or 1.5 years for IF80 MPhil). |
| **Timeframe** | **Research activities** |
| 0-3 months | *Project design, contextualisation, commence literature review, approvals* |
| 3-12 months | *Complete literature review, commence data collection / experiments for objective 1* |
| 12-18 months | *Etc.* |
| 18-24 months |  |
| 24-30 months |  |
| 30-36 months |  |