HDR Research Proposal Template

Faculty of Engineering

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

***NOTE: The Research Proposal should be maximum 4 pages in length***

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| **Applicant’s name** |  |
| **QUT application ID** |  |
| **Date** |  |
| **Degree** | Choose an item |
| **Type of thesis** | 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 title for the project. |
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1. **Brief overview of project:**

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| Provide a brief overview of your project. This should include the research problem, reason for undertaking this research and the importance of the topic. |
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1. **Project details:**

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| Describe the followings:* Aim and objectives of the project: (What will be investigated, analysed or demonstrated?)
* Research question or hypothesis of the project: (Which question/hypothesis will be tested?)
* Project significance: (What is the gap in current knowledge to be addressed in this research?)
* Project alignment: (How does this research align with Faculty/Centre/School strategic goals?)
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1. **Proposed methods:**

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| Describe the followings:* Approach or methodology
* Experimental design and investigation: (also include details on equipment you require. Is it available at QUT, or can the equipment be accessed from elsewhere?)
* Data collection and validation: (also include details on access to any specialist software or other facilities that are not currently available at QUT)
* If the project requires access to external sites what arrangements have been made for this?
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1. **Industry engagement:**

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| Provide details of any potential industry engagement |
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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 plan of the stages of your research, including tasks and publications, 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 | *e.g., project design, contextualisation, commence literature review, approvals* |
| 3-12 months | *e.g., complete literature review, commence data collection for objective 1* |
| 12-18 months |  |
| 18-24 months |  |
| 24-30 months |  |
| 30-36 months |  |