



Department of Computer Science

Research Proposal Template

When preparing an application for entry into our winter batch of the Masters in Computer Science program, it is necessary to supply a clear statement describing the proposed area of research (a research proposal) with your application package. **You must write your own research proposal.**

General

Length: A research proposal approximately 2-4 pages in length is often suitable, depending on the area of research.

Detail: The following outline may be used as a guide.

Research topic/title*

An initial working title should be provided and should describe the content and direction of your project.

Background and Justification*

What is already known or unknown? Set the scene. This section must be based upon previous research that has been conducted in the field.

Aims and Objectives*

What do you want to know, prove, demonstrate, analyse, test, investigate or examine? List your project aims in a logical sequence.

Methodology*

How do you anticipate achieving these aims?*

What do you need (specify any special equipment, software or material)? Can you access necessary data or expertise from open sources or you need to purchase them?

Do you require particular resources?*

Are there barriers or pitfalls?

Expected outcomes, significance or rationale*

Why is it important?*

What do you expect it will deliver?*

What is the plan for evaluating your methodology?*

Establish the importance of your project by highlighting its originality or why it is worth pursuing.

Timetable (Plan of Action)*

Indicate the timeframe for each broad stage considering literature surveys, data collection, production, modelling, review, analysis, testing, reporting, chapters for thesis/project writing, and submission.

References*

The recommended minimum requirements are identified with an asterisk (*).