

Research Proposal

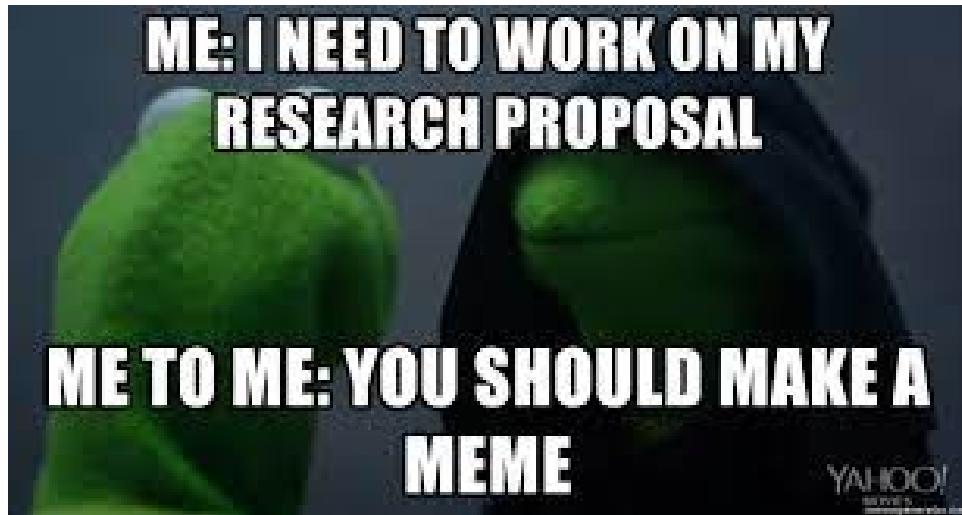
Course Description

Aim of this module: is to develop generic research skills that can be deployed in academic or commercial environments. YOU will demonstrate your ability to develop interesting concepts into research/development proposals.

Learning Outcomes

By the end of the course students should be able to:

- **critically evaluate research literature** appropriate for their project subject, and use existing research to design their experiments.
- **develop a structured research proposal** that puts the project in **scientific context** and outlines the **contributions** that the project will make to the field.
- discuss and evaluate research proposals with particular **reference to key hypotheses** and **methodological approaches**.
- **plan a project timeline**, taking into account limitations imposed by their own time, and develop contingency plans for possible issues.
- deliver a **detailed and balanced report on a research topic**.



Skills to be developed

- Project design.
- Motivating research.
- Self-assessment.
- Succinct presentation.
- Managing your time.

Examples of good proposals from previous years

First Example: Small molecule target-class prediction using neural networks.

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Second Example: The role of 3' versus 5' regions in regulating stress-dependent gene expression in yeast.

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Third Example: The effects of adverse life events on mental health

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General Information Online