

R&D Project Guidelines

INTRODUCTION TO RESEARCH & DEVELOPMENT

Université Internationale de Rabat
Course Guide

🎯 Project Overview

Objective: Apply the scientific research process to a real-world problem. By the end of this course, your team will create a **complete research paper** and a **working implementation** of your solution.

- Conduct comprehensive literature reviews
- Design robust methodologies
- Develop working technical solutions
- Author professional scientific papers

📅 Timeline & Deliverables

Deadline	Milestone	Requirements
Week 2	Literature Review Report	Summary of 6 scientific articles (2 articles per student).
Week 3	Methodology & Work Plan	Definition of research approach, dataset description, and team work plan.
Last Week	Final Submission	Complete 6-page Research Article + Source Code & Implementation.

📊 Grading Criteria

25%

Lit. Review

25%

Writing

20%

Implementation

20%

Presentation

Additional Evaluation Factors

Ethical Integrity

Attendance

Assiduity

Fair Teamwork

📚 Resources

Approved Databases:

- ✓ Google Scholar
- ✓ IEEE Xplore
- ✓ ACM Digital Library
- ✓ ScienceDirect
- ✓ Springer

➡ The Research Process

1	2	3	4	5	6
Choose Topic	Formulate Question	Literature Review	Hypothesis & Data	Test & Revise	Evaluate & Conclude

"Research is seeing what everybody else has seen and thinking what nobody else has thought." — Albert Szent-Györgyi