



Riyadh

College Of Medicine

King Saud bin Abdulaziz University
for Health Sciences

COURSE OUTLINE
MRES I 302
4 Credit Hrs.

MEDICAL RESEARCH FIRST BLOCK

Step
01

Introduction

Lecture 1: Research Topic/Formulate Research Question

Lecture 2: Choosing Principal Investigator (PI) from Supervisor's List

➡ Fill in (Students Interest Information with Supervisor) Forms.

➡ Fill in (Learning Contract) Forms.

Step
02

Research Background

Lecture 1: Ethics in Clinical Research

Lecture 2: Literature Review

Lecture 3: Proposal outline

Step
03

Proposal Outline

Lecture 1: Study Aims and Objectives

Lecture 2: Indexing/Referencing/Turnitin

Step
04

Assignment - 10%

Proposal Writing.

➡ Fill in (KAIMRC Research Proposal) Form

➡ Part 1 (Introduction section)

➡ Turnitin (Plagiarism Report)

Step
05

Methods

Lecture 1: Study Design

Lecture 2: Sample Size & Sampling Techniques

Lecture 3: Data Analysis Plan

Lecture 4: Data Collection/Ethical Considerations

Step
06

Assignment - 10%

Proposal Writing.

➡ Fill in (KAIMRC Research Proposal) Form

➡ Part 2 (Methods section)

Step
07

MCQs Exam - 25%

➡ **Total of 25 MCQs**

➡ **MRES I Lectures**

Step
08

Guidelines

Lecture 1: Prepare for research proposal
oral presentation

Step
09

Oral Presentation - 25%

Presentation of the Final Research Proposal

➡ **10-12 minutes**

Step
10

Final Proposal - 30%

Research Proposal Completion

➡ **Fill in (KAIMRC Research Proposal) Form**

FINISH

**QUICK
TIPS**

➡ Follow lectures

➡ Check assignment deadlines

➡ Grading is based on timely submission and completeness

Resources

Scan QR Code

Sign in - Courses - Course list - MRES I_302:

Medical Research I - Learning Materials.

➡ Block Book

➡ Lectures

➡ Schedule

➡ Forms

Research Unit

Medical Research Support

💡 Guiding Students through the research learning process

📝 Manage Assignments Submission

✅ Manage Block Coordinators Feedback & Evaluation

📅 Book an Appointment

📍 College of Medicine - Male Branch - 2nd Floor

KAIMRC

King Abdullah International Medical Research Center

➡ Board Evaluation

➡ IRB Approval on the (Research Proposal)

Follow up on (IRB Approval Status) with the Principal Investigator (PI) Supervisor

Approved ➡ starting data collection

Rejected ➡ contact the Research Unit

Medical Research Second Block - MRES II will commence next



Riyadh

College Of Medicine

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COURSE OUTLINE
MRES II 511
4 Credit Hrs.

MEDICAL RESEARCH SECOND BLOCK

Step
01

Introduction

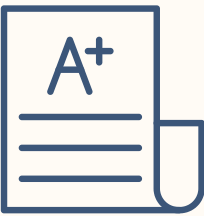
Manuscript Preparation.
Lecture 1: Introduction section
Lecture 2: Methods section



Step
02

Assignment - 10 %

Manuscript Preparation.
Assignment 1: Introduction writing
Assignment 2: Methods writing



Step
03

Data Collection

Manuscript (Results) Preparation.
Lecture 1: Data Handling
Lecture 2: Descriptive Statistics
Lecture 3: Inferential Statistics



Step
04

Progress Presentation

Group Research Status.
➡ Research Proposal Feedback
➡ Fill in (Progress Report) Form



Step
05

JMP:Statistics

Computer Lab: Hands-on Training.
Tutorial 1: Data Entry
Tutorial 2: Data Management
Tutorial 3: Descriptive Analysis
Tutorial 4: Inferential Analysis



Step
06

Results & Discussion

Manuscript Preparation.
Lecture 1: Results writing
Lecture 2: Discussion writing



Step
07

Assignment - 10 %

Manuscript Preparation.
Assignment 3: Results writing



Step
08

MCQs Exam - 25%

➡ Total of 25 MCQs
➡ MRES II Lectures



Step
09

Student Consultation

Session 1: Complete the Final Manuscript
➡ Results writing
➡ Discussion writing



Step
10

Guidelines

Lecture 1: Oral Presentation of the final results.
Lecture 2: Writing the final report and abstract.



Step
11

Publication

Lecture 1. Research Dissemination
➡ How to select a Journal for Publishing



Step
12

Oral Presentation - 25 %

Presentation of the Final Report
➡ 10-15 minutes



Step
13

Supervisors Evaluation - 10 %

Manuscript Assessment.
➡ Grading Checklist



Step
14

Final Report - 20 %

Manuscript Completion.
➡ Fill in (Medical Research Final Report) Form



FINISH



Scan QR code
Course Guide & Schedule

Resources

Scan QR Code
Sign in - Courses - Course list - MRES 2_511:
Medical Research II - Learning Materials.
➡ Block Book ➡ Lectures
➡ Schedule ➡ Forms

