

# LIBYAN INTERNATIONAL MEDICAL UNIVERSITY

**Form Name** : Course Catalogue

**Revision No.** :01/2021

**Form No.** : QAO-OP.17

**Page** :1 of 2

## Basic information:

Program on which the Course is offered	PharmD
Qualification Awarded	Bachelor of Pharmacy (BPharmD)
Course title - Code - Year	Fundamentals of Epidemiology and Research– 3307– Third Year
Course Type	Professional Stage I
Total contact Hours / week [3 hrs.]	(Lectures:0-3, Lab:0-2, self-study: 0-4, exams:0-2)
ECTS Hours	1
Pre-requisites for this Course	None
Week period	8

## Course Description:

This course helps students to define a study question, state a research hypothesis, conduct a comprehensive literature review and assess the appropriateness of published research methods.

## Course Objectives:

### By the end of this Course/Subject the student should be able to:

- Discuss the principles of research, epidemiology, pharmacoepidemiology and pharmacovigilance.
- Construct a good research question
- Use automated data bases for pharmacoepidemiologic studies
- Differentiate between a research and a clinical audit
- Evaluate the quality of a research question
- Generate a research hypothesis
- Communicate effectively with colleagues and be able to work as part of a team.

## Learning and Teaching Methods, & Assessment Methods

### Learning and teaching methods:

- Lectures
- Practical sessions

### Assessment methods:

- **Continuous assessment:**
  - Practical sessions
  - Assignments
- **Final assessment:**
  - MCQs
  - Essay

## Weighting of Assessment:

Assessment	%
• 2 practical sessions	20% (10% each)

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Page :2 of 2

• 2 assignments	40% (20% each)
• Final Exam	40%
<b>Total</b>	<b>100%</b>

## Assessment Schedule:

Assessment	Week
• 2 Practical sessions	Weeks 2 & 5
• 2 Assignments	Weeks 2 & 8
• Final Exam	According to the Announced Academic Agenda

## Examination Regulations:

- If the student absenteeism is more than 25 % he/she cannot attempt the final exam.
- The total required percentage to pass this course is at least 50 %.

## List of textbooks and references:

### Course Notes:

- PowerPoint presentations, videos and other materials related to lectures and lab are uploaded to the Moodle by experts on weekly basis according to the teaching schedules.

## Block Policies:

### Code of Ethics

Please refer to the below LIMU code of ethics

<http://limu.edu.ly/images/11/ethcode.pdf>

### Code of Conduct

Please refer to the below PharmD program code of conduct

<http://repository.limu.edu.ly/handle/123456789/2135>

### Academic integrity

Please be aware that cheating, plagiarism, in-class disruption and dishonesty are vigorously prosecuted and that LIMU has a zero-tolerance policy.