

LIBYAN INTERNATIONAL MEDICAL UNIVERSITY

Form Name : Course Catalogue

Revision No. :01/2021

Form No. : QAO-OP.17

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Basic information:

Program on which the Course is offered	PharmD
Qualification Awarded	Bachelor of Pharmacy (BPharmD)
Course title - Code - Year	Biostatistics– 3408– Fourth Year
Course Type	Professional Stage I
Total contact Hours / week [5 hrs.]	(Lab: 1.5, Tutorial: 0.5, TBL: 3)
ECTS Hours	1
Pre-requisites for this Course	None
Week period	7

Course Description:

This course covers the different elements of statistical problems including population and sample parameters. In addition, it will focus on the ability to interoperate statistical results. Students will be able to analyze data using SPSS and interpret the obtained results.

Course Objectives:

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

- Memorise the basic concepts of biostatistics: such as displaying the data, central tendency, dispersion, estimation and hypothesis testing and correlation and regression.
- Learn classification and description of the data.
- Discuss the meaning of estimation and hypothesis testing.
- Discuss the meaning of correlation coefficient and regression model.
- Carryout some statistical exercises using SPSS program.

Learning and Teaching Methods, & Assessment Methods

Learning and teaching methods:

- Tutorials.
- Assignments.
- Lab Practice Activities

Assessment methods:

- **Continuous assessment:**
 - Written Exam
- **Final assessment:**
 - Final Theoretical Exam
 - Final Practical Exam

Weighting of Assessment:

Assessment	%
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• Assessment 1 (Written Exam)	20%
• Assessment 2 (written Exam)	20%
• Final Practical Exam	20%
• Final Theoretical Exam	40%
Total	100%

Assessment Schedule:

Assessment	Week
• Assessment 1 (Written Exam)	Week 4
• Assessment 2 (written Exam)	Week 7
• Final Practical Exam	According to the Announced Academic Agenda
• Final Theoretical 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 teaching schedule.

Essential Books (Text Books):

- Le, C, T,. (2003), “**Introductory Biostatistics**”, John Wiley & Sons, Inc.
- Pezzullo, J, C,. (2013), “**Biostatistics for Dummies**”, John Wiley & Sons, Inc

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.