

Biostatistics

III. Course Description:

This course is designed to acquire students with basic principles of statistics and how to deal with different data at various clinical settings and researches. Also this course focuses on descriptive inferential statistics as applied to health sciences student.

V. Course Content:

- Distribution of Semester Weekly Plan of Course Topics/Items and Activities.

A – Theoretical Aspect:

Order	Topics List	Week Due	Contact Hours
1	Introduction	1	2
2	Describing data by table	2	2
3	Describing data by chart	3	2
4	Describe data by numeric value	4-5	4
5	Sampling	6	2
6	Midterm exam	7	2
7	Correlation	8	2
8	Regression	9	2
9	Introduction to hypothesis testing	10-11	4
10	Introduction to hypothesis testing	12	2
11	SPSS program	13-14	4
12	Final exam	15	2
Number of Weeks /and Units Per Semester		15	30

Order	Topics List	Week Due	Contact Hours
	Not applicable	-	-
Number of Weeks /and Units Per Semester		-	-

VI. Teaching strategies of the course:

1. Lecture - Discussion
2. Assignment

VIII. Schedule of Assessment Tasks for Students During the Semester Theoretical part

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
1	Attendance and Activities	15th week	5	5%	a1,b1,b2,d1
2	Student assignment	5th and 12th week	5	5%	b1,b2,d1
3	Mid-term exam	7th or 8th week	20	20%	a1,b1,b2,d1
4	Final exam	16th-17th week	70	70 %	a1,b1,b2,d1

Practical part

Assessment	Type of Assessment Tasks	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
	Not applicable	-	-	-	-