COURSE DESCRIPTION

ACADEMIC CENTER **SCHOOL OF MEDICAL SCIENCES**	DEPARTMENT **PATHOLOGY AND LABORATORIES**		

COURSE NAME **BASIC BIOESTATISTICS**	(X) CORE COURSE ( ) OPTIONAL COURSE	HOURS 45	CREDITS 3

PROGRAM / PROJECT NAME **PHYSIOPATHOLOGY AND SURGICAL SCIENCES** <u>Key Focus Area:</u> Urogenital System Operative technique and Experimental Surgery Cardiovascular System	DISTRIBUTION OF HOURS		
	TYPE OF CLASS	HOURS	N. OF CREDITS
	THEORETICAL	30	2
	PRACTICAL	15	1
	TOTAL	45	3

PREREQUISITES	(X) Master's program course (X) Doctorate's program course

COURSE DESCRIPTION
Concept of Variable. Study Plan. Data Organization and Submission. Descriptive Statistics. Hypothesis Tests and Statistical Inference. Comparison of Means. Introduction to Non-Parametric Techniques.
Analysis of Variance. Correlation and Regression. Categorical Data Analysis.

BASIC BIBLIOGRAPHY
MUNRO, B.H., 1997, Statistical methods for health care research. Philadelphia, Lippincott-Raven Publishers.

PROGRAM / PROJECT COORDINATOR

DATE	SIGNATURE