

**Hailey College of Banking and Finance
University of the Punjab, Lahore**

COURSE OUTLINE

Program	BBA	Course Instructor	
Year/Semester		E-Mail	
Name of the Course	Business Statistics		
Course Code	BHBF422		
Rating	3 Credit hours		
Type	Core Course		
Follow up			
Pre requisites	Basic understanding of Mathematics		
Aims and Objectives	<ul style="list-style-type: none"> The main objectives of the course are to enhance student's competency in application of statistics to solve business management problems and to improve their level of quantitative sophistication for practical and academic research. 		
Outcome	At the conclusion of this course, the student should be able to: <ul style="list-style-type: none"> Apply Statistical Techniques in business decision making and research 		
Recommended Books	Richard I. Levin, David S. Rubin, Sanjay Rastogi and Masood Husain Siddiqui, Statistics for Management, Seventh Edition		
Reference Books	McClave, Statistics for Business & Economics, Latest Edition. David, S Moore et.al, Introduction to the Practice of Statistics, 6th Edition WH. Freeman. Michael J. Evans & Jeffrey S. Rosenthal, Probability and Statistics , WH Freeman Prof. Sher Muhammad Chaudry, Dr. Shahid Kamal: Introduction to Statistical Theory, Part 1 & 2(Degree classes).		

Syllabus (Weekly Scheme) Before Mid-Term Examination

1 st	Introduction to the Statistics: Basic concepts and definitions
2 nd & 3 rd	Presentation of Data <ul style="list-style-type: none"> Qualitative Data Quantitative Data
4 th , 5 th & 6 th	Measures of Central Tendency Ungrouped Data: <ul style="list-style-type: none"> Arithmetic Mean Median Mode Grouped Data: <ul style="list-style-type: none"> Arithmetic Mean Median Mode Percentiles, Deciles and Quartiles Quiz

7 th & 8 th	<p>Measures of Dispersion: calculation and Interpretation</p> <p>Absolute Measure of Dispersion</p> <ul style="list-style-type: none"> • Range • Semi-Interquartile Range • Variance • Standard Deviation <p>Relative Measure of Dispersion</p> <ul style="list-style-type: none"> • Coefficient of Variation <p>Use of Numerical measures to identify the shape</p>
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Syllabus (Weekly Scheme) after Mid-Term Examination

9 th	<p>Index Numbers</p> <ul style="list-style-type: none"> • Defining and Index Number • Un-weighted Aggregate Index • Price, Quantity and Value Indices
10 th & 11 th	<p>Probability</p> <ul style="list-style-type: none"> • Concept • Laws of probability • Conditional probability • Quiz 2
12 th & 13 th	<p>Probability Distributions</p> <ul style="list-style-type: none"> • Basic concept • Types of Probability Distribution. • Random variables • Binomial Distribution • Normal Distribution
14&15 th	<p>Regression and correlation</p>
16 th	<p>Review & Discussion</p>

Teaching Strategies		Lecture, Discussion, Assignment, Term Papers & Quizzes, Use of SPSS			
Assessment Criteria	Marks	Session	Mid	Final	Total %
	in %	25	35	40	100
	Result				
Recommendations		All assignments must be completed and submitted on time.			

Notes:

5. 75% Class Attendance is mandatory failing to which the student shall be dropped from the class
6. Students are advised to keep the course outlines in their record in their own interest for future reference and studies abroad.

Governing Rules

Students are advised to go through the rules and regulations governing their class attendance, display of

**College ID Card, use of mobile phones, eating/smoking roaming, general behavior, etc. on the Campus.
Any violation thereof is punishable under the relevant rules.**