Programme	BS Demography	Course Code	DEM405	Credit Hours	3
Course Title	SPSS				

Course objectives:

Upon successful completion of this course the student should be able to:

- understand the main features of SPSS;

- use the SPSS effectively;

- perform descriptive analyses with SPSS;

- perform common parametric and non-parametric tests; and

- perform simple regressions and multivariate analyses

Content:

1. Introduction to SPSS

- Introduction to Course, Basic Steps to Data Analysis

- Techniques to get data into Data Editor of SPSS

- Selection of Procedures to Apply

- Selection of Variables for Analysis

- Manual Output of Statistical Procedures by using Statistical Techniques

- Implementation of Statistical Procedures by using SPSS

- Results and Reports generation under SPSS

- Reviews/ Problems

2. Introduction to Web Survey and Data Storage in Database

Basic Terminologies of Web Survey

1 Introduction to HTML

2 Tables Construction in HTML

3 Web Survey Display in HTML

- Inputs in HTML[will be used to get input from Users]

4. Development of a Complete Web Survey

5. Basic terminologies of Data Storage in a database

6. Complete Web Survey and Data Analysis Course Review and Problems

Teaching-Learning Strategies:

Teaching will be a combination of class lectures, class discussions, and group work. Short videos/films will be shown on occasion.

Sessional Work:

The sessional work will be a combination of written assignments, class quizzes, presentations, and class participation/attendance.

Assessments and Examination:

Sessional Work: 25 marks

Midterm Exam: 35 marks

Final Exam: 40 marks

Recommended Books

- Leech, L. N., Barret, C. K. & Morgan, A. G. (2005). SPSS for Intermediate Statistics. London: Lawrance ERLBAUM Associates Publishers.

- Kirkpatrick, A. L. & Feeney, C. B. (2003). A Simple Guide to SPSS for Windows. New York: Thomson Learning Academic Resource Center.

- Hanif, M. & Ahmed, M. (2008).BIOSTATISTICS for Health Students with Manual on Software Applications. Lahore: ISOSS (Islamabad Society of Statistical Sciences) Publications.

- Brace, N., Kemp, R. & Snelgar, R. (2006). SPSS for Psychologists, Palgrave Macmillan Third Edition.