

BANGLADESH UNIVERSITY OF PROFESSIONALS (BUP)
CENTRE FOR HIGHER STUDIES AND RESEARCH (CHSR)
PhD PROGRAM (SESSION: 2017 – 2018)
PART – I (COURSE WORK), 2nd SEMESTER
CLASS ROUTINE

No of Classes	Date (Friday)	Section – A	Section – B
		1 st Period (1500-1800 hrs)	2 nd Period (1800-2100 hrs)
		PH1202: Statistical Packages for Advanced Data Analysis (SPADA)	
1.	06 July 2018	Computer Lab (Annex Building, BUP)	
2.	13 July 2018		
3.	20 July 2018		
4.	27 July 2018		
5.	03 August 2018		
6.	10 August 2018		
7.	31 August 2018		
8.	07 September 2018		
9.	14 September 2018		
10.	28 September 2018		
11.	05 October 2018		
12.	12 October 2018		
13.	26 October 2018		
14.	02 November 2018		
15.	09 November 2018		
16 November 2018		2nd Semester Final Examination on PH 1202: Statistical Packages for Advanced Data Analysis (SPADA)	
18 – 20 November 2018		Oral Examination	
21 November 2018 – 31 December 2018		Semester Break and Course Registration for 3rd Semester	
27 December 2018		Publication of Result of Course Work	In BUP Website www.bup.edu.bd After 1500 Hours

Program Outline
PhD Program (Session: 2016-2017)
Course Work (1st Year 2nd Semester)

Ser	Course including Course Code	Course Teacher	Class Room
1.	PH 1202: Statistical Packages for Advanced Data Analysis (SPADA)	Prof. Syed Shahadat Hossain, PhD (Dr. Shahadat) Institute of Statistical Research and Training (ISRT) University of Dhaka Cell: 01747816856 E-mail : shahadat@isrt.ac.bd	Computer Lab (Ground Floor, Academic Block, BUP)

1st Week					
Date & Day	Section	Time	Course Code	Topic/Event	Teacher
06 July 2018 Friday	A	1500-1800	PH 1202	Introduction to Statistics, Brief Knowledge on SPSS and Data Entry in SPSS.	Dr. Shahadat
	B	1800-2100			
2nd Week					
Date & Day	Section	Time	Course Code	Topic/Event	Teacher
13 July 2018 Friday	A	1500-1800	PH 1202	Data Management: Data Manipulation and Data transformation.	Dr. Shahadat
	B	1800-2100			
3rd Week					
Date & Day	Section	Time	Course Code	Topic/Event	Teacher
20 July 2018 Friday	A	1500-1800	PH 1202	Data Management: Data Manipulation and Data transformation.	Dr. Shahadat
	B	1800-2100			
4th Week					
Date & Day	Section	Time	Course Code	Topic/Event	Teacher
27 July 2018 Friday	A	1500-1800	PH 1202	Computing Descriptive Statistics.	Dr. Shahadat
	B	1800-2100			

5 th Week					
Date & Day	Section	Time	Course Code	Topic/Event	Teacher
03 August 2018 Friday	A	1500-1800	PH 1202	Creating Graphs and Cross Tables. Assignment – 1	Dr. Shahadat
	B	1800-2100			
6 th Week					
Date & Day	Section	Time	Course Code	Topic/Event	Teacher
10 August 2018 Friday	A	1500-1800	PH 1202	Test of Hypothesis.	Dr. Shahadat
	B	1800-2100			
7 th Week					
Date & Day	Section	Time	Course Code	Topic/Event	Teacher
31 August 2018 Friday	A	1500-1800	PH 1202	Correlation analysis: 1) Simple correlation. 2) Rank Correlation/Spearman. 3) Partial correlation. 4) Multiple correlations.	Dr. Shahadat
	B	1800-2100			
8 th Week					
Date & Day	Section	Time	Course Code	Topic/Event	Teacher
07 September 2018 Friday	A	1500-1800	PH 1202	Regression analysis: 1) Simple linear regression. 2) Multiple linear regressions.	Dr. Shahadat
	B	1800-2100			

9 th Week					
Date & Day	Section	Time	Course Code	Topic/Event	Teacher
14 September 2018 Friday	A	1500-1800	PH 1202	Regression analysis: Logistic regression.	Dr. Shahadat
	B	1800-2100			
10 th Week					
Date & Day	Section	Time	Course Code	Topic/Event	Teacher
28 September 2018 Friday	A	1500-1800	PH 1202	Analysis of variance (ANOVA): 1) <i>Completely randomized design</i> (CRD) 2) <i>Randomized block design</i> (RBD) Assignment – 2	Dr. Shahadat
	B	1800-2100			
11 th Week					
Date & Day	Section	Time	Course Code	Topic/Event	Teacher
05 October 2018 Friday	A	1500-1800	PH 1202	Non-parametric tests: 1) Chi-square tests. 2) Sign test. 3) Wilcoxon signed rank test. 4) Wilcoxon rank sum test. 5) Mann-Whitney U test. 6) Kruskal-Wallis test.	Dr. Shahadat
	B	1800-2100			

12th Week					
Date & Day	Section	Time	Course Code	Topic/Event	Teacher
12 October 2018 Friday	A	1500-1800	PH 1202	1. Getting to know STATA and getting started: Data entry, reading and writing in STATA. 2. Data management in STATA. Summary Statistics and tables.	Dr. Shahadat
	B	1800-2100			
13th Week					
Date & Day	Section	Time	Course Code	Topic/Event	Teacher
26 October 2018 Friday	A	1500-1800	PH 1202	Test of hypothesis and Statistical graphics in STATA.	Dr. Shahadat
	B	1800-2100			
14th Week					
Date & Day	Section	Time	Course Code	Topic/Event	Teacher
02 November 2018 Friday	A	1500-1800	PH 1202	Correlation, linear regression and logistic regression.	Dr. Shahadat
	B	1800-2100			

15 th Week					
Date & Day	Section	Time	Course Code	Topic/Event	Teacher
09 November 2018 Friday	A	1500-1800	PH 1202	Analysis of variance (ANOVA) and Revision. Assignment – 3	Dr. Shahadat
	B	1800-2100			

16 th Week (Semester Final Examination)					
Date & Day	Timing	Course Code	Topic/Event	Teacher	
16 November 2018 Friday	1500-1900	PH 1202	2 nd Semester Final Examination on Statistical Packages for Advanced Data Analysis.	Dr. Shahadat	
18 November 2018 - 20 November 2018	Oral Examination				
21 November 2018 – 31 December 2018	Semester Break and Course Registration for 3rd semester				
27 December 2018	Publication of Result of Course Work	In BUP Website www.bup.edu.bd After 1500 Hours			
PLEASE FOLLOW THE AT A GLANCE FOR SEMINAR PRESENTATION (RESEARCH WORK)					