**** The Islamia University of Bahawalpur

**Course Plan**

**DEPARTMENT OF ECONOMICS**

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| Instructor | Dr. Muhammad Atif Nawaz | Email: atif.nawaz@iub.edu.pk | |
| Course Title | Statistics | Program | BS. Economics |
| Course Code | ECON-11403 | Semester | 4th |

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| **Methods of Teaching:** Student-Directed Teaching, Practice Sessions | | | | |
|  | **Reference Book** | | | |
| **1** | Baig, M.A. & Mirza, M.D. Introduction to Statistics – latest available edition. | | |
| **2** | Chaudhary, S.M. Introduction to Statistics – latest available edition. | | |
| **Grading** | Mid- Exam (30%) + Final Exam (50%) + Problem Session/Assignments/Attendance/Quiz (20%) | | | |
| **Problem Session** | Preferably in class | | | |
| **SEQUENCE OF TOPICS TO BE COVERED** | | | | |
| Lecture Week | Lecture Dates | | Topics (outline of main topics and sub topics) | Tutorial |
| **WEEK 1** | 24th Feb to  28th Feb | | Introduction to Statistics | Tutorial |
| **WEEK 2** | 2nd Mar to  6th Mar | | Presentation of Data | Tutorial |
| **WEEK 3** | 9th Mar to  13th Mar | | Presentation of Data | Tutorial |
| **WEEK 4** | 16th Mar to  20th Mar | | Measures of Central Tendency | Tutorial |
| **WEEK 5** | 23rd Mar to  27th Mar | | Measures of Central Tendency | Tutorial |
| **WEEK 6** | 30th Mar to  3rd April | | Measures of Dispersion | Tutorial |
| **WEEK 7** | 6th April  to  10th April | | Measures of Dispersion | Tutorial |
| **WEEK 8** | 13th April to  17th April | | Correlation Analysis | Tutorial |
| **WEEK 9** 20th April to 24th April **Mid Term Exam** | | | | |
| **WEEK 10** | 27th April to  1st May | | Regression Analysis | Tutorial |
| **WEEK 11** | 4th May to  8th May | | Regression Analysis | Tutorial |
| **WEEK 12** | 11th May to  15th May | | Regression Analysis | Tutorial |
| **WEEK 13** | 18th May to  22nd May | | Index Numbers | Tutorial |
| **WEEK 14** | 25th May to  29th May | | Index Numbers | Tutorial |
| **WEEK 15** | 1st June to  5th June | | Time Series Analysis | Tutorial |
| **WEEK 16** | 8th June to  12th June | | Time Series Analysis | Tutorial |
| **WEEK 17** | 15th June to  19th June | | Time Series Analysis | Tutorial |
| **WEEK 18** 22nd June to 26th June **Final Term Exam** | | | | |

**Student Evaluation criteria:**

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| Attendance | 5% |
| Assignments | 5% |
| Surprise Test/Sudden Test , Quizzes | 5% |
| Class Participation/Presentations | 5% |
| Mid Term Paper | 30% |
| Final Term paper | 50% |
| **Total** | **100%** |