

Quantitative Techniques (for Pg Cert)

BUEM007H 7(15 credits)

Lecturers: Sandeep Kapur, Ali Tasiran & Jose Camarena

September 2019

This compulsory course, taught in September, reviews the statistical techniques required for the Postgraduate Certificate programme.

Lectures and problem-solving classes run on Mondays, Tuesdays and Thursdays for four weeks in September. In the first week there is an additional lecture on Wednesday.

Resources for this course

Course material is on Moodle, our virtual learning platform. To access this, you need to have completed your enrolment formalities to the point where you are assigned an 'ITS username and password': these serve as your login credentials at moodle.bbk.ac.uk Once you are logged in, you should be able to see the courses you are enrolled for.

Moodle gives you access to many resources:

- General guidance for this course including any updates
- Lecture material, including any errata
- A Gradebook in which you can look up the results of your tests
- A chance for you to provide your anonymous evaluation for the lectures

Assessment

This module is worth 15 credits of the required 60 for the PgCert programme. Assessment is based on two in-class tests. The dates for September 2019

Statistics Test 1	12 September (Thursday, 6.15pm)
Statistics Test 2	25 September (Wednesday, 6.15pm)

The pass mark is 50%, averaged across the two tests. Unfortunately we are unable to make special arrangements for those who miss any of the tests. Feedback on your performance will come through various channels. You are provided summary feedback on your performance in each test soon after the test, via the Moodle grade book.

Contacting the lecturers

The best way to initiate contact with the lecturers is via email. Depending on which module you are doing, here are the email address

Statistics module 1 (weeks 1 & 2)	Ali Tasiran	a.tasiran@bbk.ac.uk
Statistics module 2 (weeks 3 & 4)	Jose Camarena	j.camarena@mail.bbk.ac.uk

September Statistics

This module covers the following topics

- Probability and distribution theories (probability, random variables and probability distributions, expectations and moments, uni-variate and multi-variate distributions, functions of random variables)
- Statistical Inference (sampling, large sample theory, point estimation, parametric interval estimation, tests of statistical hypotheses)

Lecture notes are provided but are not a substitute for a textbook. We do not recommend any particular text, but in the past students have found the following useful.

- Wackerley D, Mendenhall W & R Scheaffer, Mathematical Statistics with Applications 7th ed, Cengage, 2008.
- Greene, W H, Econometric Analysis 7th ed, Pearson, 2011.
- Verbeek, M, A Guide to Modern Economics 4th ed, 2012

TIMETABLES FOR SEPTEMBER 2019

MSc Quantitative Techniques

Postgraduate Certificate in Econometrics

	Monday	Tuesday	Wednesday	Thursday
Week 1 Lectures begins 2 Sep 2019	6-8.30 pm Statistics (Tasiran)	6-8.30 pm Statistics (Tasiran)	6-8.30 pm Review of Matrix Algebra (Kapur)	6-8.30 pm Statistics (Tasiran)
Week 2 Starts 9 Sep 2019	6-8.30 pm Statistics (Tasiran)	6-8.30 pm Statistics (Tasiran)		6-8.30 pm Statistics TEST (Tasiran)
Week 3 Starts 16 Sep 2019	6-8.30 pm Statistics (Camarena)	6-8.30 pm Statistics (Camarena)		6-8.30 pm Statistics (Camarena)
Week 4 Starts 23 Sep 2019	6-8.30 pm Statistics (Camarena)	6-8.30 pm Statistics (Camarena)	6-8pm Statistics TEST	

All rooms are in the main building, Malet Street – room numbers to be confirmed.