

# Durham/Newcastle Statistics Graduate Course

## Design of Experiments

### March 2012

John Matthews

Monday 26 – Friday 30 March 2012

Lectures will be given in Lecture Theatre 2 (LT2) on the ground floor of the Herschel Building, and practicals will be held in the Red Zone of the Herschel Computer Cluster (first floor).

The ISRU training room, on the fourth floor of the Herschel Building has been booked for the week for your use. This is likely to be more convenient for things like project preparation than the raked lecture theatre LT2.

On Wednesday the course will be given by Dr Shirley Coleman of the Industrial Statistics Research Unit (ISRU): for more details please see the link on the website.

On Thursday morning, group projects will be distributed. Each group will be required to present their work on Friday afternoon.

The course on Monday, Tuesday and Thursday will use traditional methods, lecturing using a whiteboard, so please make sure you bring paper etc. with you.

<b>Date</b>	<b>Time</b>	<b>Room</b>	<b>Activity</b>
Mon 26 Mar	10am – 12:30pm	LT2 & Red Zone	Randomized designs and practical
	12:30pm – 1:30pm		Lunch
	1:30pm – 4pm	LT2 & Red Zone	Block designs and practical
Tue 27 Mar	10am – 12pm	LT2 & Red Zone	More elaborate designs & practical
	12:30pm – 1:30pm		Lunch
	1:30pm – 4pm	LT2 & Red Zone	Role of Randomization
Wed 28 Mar	10am – 4:30pm	LT 2	ISRU
Thu 29 Mar	10am – 11pm	LT2	Introduction to projects
	11pm – 2:30pm	LT2 & Red Zone	Work on projects (& Lunch)
	2:30pm – 3:30pm	LT2	Introduction to Optimal design
	4pm – 4:30pm	Penthouse	Tea
	4:30pm-	LT2	RSS talk by Professor Rosemary Bailey (Queen Mary, London)
Fri 30 Mar	10am – 11:30am	LT2 & Red Zone	Further preparation for presentations
	11:30am – 1:00pm	LT2	Group presentations
	1:00pm – 2:00pm		Lunch
	2:00pm – 2:45pm	Penthouse	Drinks and nibbles