



Courses take place
at

**INSTITUTE OF
PUBLIC HEALTH**

Cambridge, adjacent
to Addenbrooke's
Hospital,

and run for either
one or two full
days,
9:15am-4:45pm

**WE AIM TO
DEMISTIFY
STATISTICS**



**FOR FURTHER
INFORMATION
AND TO BOOK
YOUR PLACE
PLEASE
CONTACT**

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Course Coordinator

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Discounted places for
full-time University of
Cambridge students.
LIMITED PLACES –
available by prior
arrangement

COURSE ANNOUNCEMENTS

SPRING 2010

COURSES WITH NO PREREQUISITE:

1. **INTRODUCTORY STATISTICS & RESEARCH METHODS**

Choice 1: Monday 15th & Tuesday 16th March 2010 (2 days) or

Choice 2: Friday 19th & Monday 22nd March 2010 (2 days)

Covering common statistical methods of design and analysis in medical research. No prior knowledge assumed.

2. **CLINICAL TRIALS**

Wednesday 17th March 2010

Discussing basic concepts in randomised trials, including sample size considerations.

3. **CRITICAL APPRAISAL**

Monday 29th March 2010

Introducing the skills you need to understand medical literature more fully, and to gain a healthy scepticism when reading published research.

4. **STATISTICS FOR MEDICAL JOURNALS**

Friday 9th April 2010

What authors of medical research papers need to know to help chances of getting published in preferred journals, including how to avoid pitfalls detected by statistical reviewers.

COURSES WITH PREREQUISITE:

5. **GETTING STARTED WITH SPSS**

[Prerequisite: Course 1 or equivalent]

Thursday 25th March & Friday 26th March 2010 (2 days)

Hands-on, supervised training with the user-friendly SPSS[®] for Windows, from starter to intermediate level.

6. **STATISTICS USING 'R': FREE SOFTWARE**

[Pre-requisite: Course 1 or equivalent]

Tuesday 30th March 2010

From data analysis to publication-quality graphics, a hands-on introduction to this versatile free software.

7. **UNDERSTANDING NON-PARAMETRIC METHODS**

[Pre-requisite: Course 1 or equivalent]

Wednesday 31st March 2010

Describing methods for commonly encountered skewed, and ordered categorical, data and small datasets.

8. **HANDLING TIME TO EVENT DATA**

[Prerequisite: Courses 1 & 5 or equivalent]

Thursday 1st April 2010

Introducing survival analysis, with hands-on applications using SPSS[®] for Windows.

9. **COPING WITH MANY VARIABLES**

[Prerequisite: Course 1 or equivalent]

Thursday 8th April 2010

Explaining multiple and logistic regression, and other methods of multivariable analysis for deeper understanding of research data.

COURSE FEES (including lunch, refreshments and comprehensive course notes)

	UNIVERSITY STAFF	NHS STAFF	EXTERNALS
One-day courses:	£150	£175	£200
Two-day courses:	£275	£325	£375

Courses focus on principles of study design and analysis with practical examples from clinical research

CAMS advises early booking and reserves the right to cancel courses. You may be charged if you cancel at late notice.
FOR COURSE SYNOPSES AND ADDITIONAL INFORMATION, CONSULT OUR WEBSITE:

<http://www.phpc.cam.ac.uk/cams>