

The Further Mathematics Support Programme

Preparing to teach Statistics

A one day course for teachers preparing to teach the statistics content of the new A level mathematics from September 2017

**Chancellor's Hall
University of Wolverhampton**

**Monday 20th March 2017
9:30am - 4:30pm**



“Secure subject knowledge on the part of the teacher, underpinning an approach to mathematics in which all topics are seen as part of a coherent set of related ideas, with clear progression and links to previous and future learning.”

A key finding: one of the most significant contributions to high achievement in 14–19 mathematics
Ofsted: Evaluating mathematics provision for 14–19-year-olds

This course is suitable for teachers who have little or no experience of teaching statistics beyond GCSE, as well as teachers who have taught the content but may be looking for fresh ideas to use in the classroom.

The topics covered on this course feature in the compulsory content of the reformed mathematics A level for first teaching in September 2017.

Course aims:

- To introduce teachers to fundamental statistical concepts such as, probability distributions, hypothesis testing, conditional probability and large data sets;
- To demonstrate teaching ideas and resources which deepen students' understanding of these concepts;
- To strengthen teachers' understanding of the content required in the new A level mathematics specifications (from 2017).

Timetable for the day

- 0900 Registration
- 0930 Introduction
- 0945 Large data sets
- 1115 Conditional probability
- 1230 Lunch
- 1315 Significance and hypothesis testing with the binomial distribution
- 1430 Break
- 1445 Normal distribution
- 1615 Next Steps

Course fees and application:

Fees for this course are £50 per teacher if your school is registered with the FMSP (£100 otherwise). If two teachers from the same school are attending then please each fill in a separate form. To apply, please complete the online form at:

<https://goo.gl/forms/Q1y0NOMJs1wat7ou2>

Further information

Details about this course/event can also be found on the FMSP website at:

http://furthermaths.org.uk/WM_CPD

For more information email:

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