

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

MA028
University of Wolverhampton

Monday 10th July 2017
9:30am - 4:00pm



“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 some knowledge of the current A Level 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
- 1545 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/3e9LX25dtwSlnpa83>

Further information

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

http://www.furthermaths.org.uk/WM_CPD

For more information email:

liz.price@wlv.ac.uk