Graduate Certificate in Theoretical Statistics and Probability application form

# Instructions

1. Read the [qualification description](http://www.open.ac.uk/courses/qualifications/s04) and this form in full
2. Gather details of your highest qualification(s) in mathematics/statistics (e.g. academic record, syllabus information, etc.)
3. Make PDF copies of your qualification documents
4. Complete the [self-assessed quiz for module *Applications of probability* (M343)](https://mcs-notes2.open.ac.uk/WebResources/Maths.nsf/A/iwvv/$FILE/M343_DQ.pdf)
5. Complete the [self-assessed quiz for module *Mathematical statistics* (M347)](https://mcs-notes2.open.ac.uk/WebResources/Maths.nsf/A/1qj1/$FILE/M347_DQ.pdf)
6. Fill out this application form and save a copy
7. Send your completed form and PDFs to [STEM-MS-Teaching-Quals@open.ac.uk](mailto:STEM-MS-Teaching-Quals@open.ac.uk?subject=S04%20application%20[Your%20name]) with the subject as ‘S04 application [Your name]’

1. Previous study

Qualification title Click here to enter text.

Awarding institution Click here to enter text.

Classification/grade Click here to enter text.

Date awarded Click here to enter a date.

Details of modules (i.e. name, level, credits, grades, content)

Click here to enter text.

2. Knowledge, skill and confidence

*Score your level (high, medium or low) in the following topics:*

Logarithmic and exponential functions Choose an item.

Calculus, including Taylor series Choose an item.

Algebra, including manipulation of inequalities Choose an item.

Matrices Choose an item.

Histograms and scatterplots Choose an item.

Normal, Poisson and binomial distributions Choose an item.

Point estimation Choose an item.

Maximum likelihood estimation Choose an item.

Confidence intervals Choose an item.

Hypothesis testing Choose an item.

Simple linear regression Choose an item.

Correlation Choose an item.

The Central Limit Theorem Choose an item.

3. Performance in the Applications of probability (M343) quiz

*Record how you performed on each exercise (correct, partially correct, correct after revision, incorrect, or could not attempt).*

Exercise 1 Choose an item. Exercise 7 Choose an item.

Exercise 2 Choose an item. Exercise 8 Choose an item.

Exercise 3 Choose an item. Exercise 9 Choose an item.

Exercise 4 Choose an item. Exercise 10 Choose an item.

Exercise 5 Choose an item. Exercise 11 Choose an item.

Exercise 6 Choose an item. Exercise 12 Choose an item.

Tell us which topics you found difficult and/or had to revise.  
Click here to enter text.

4. Performance in the Mathematical statistics (M347) quiz

*Record how you performed on each exercise (correct, partially correct, correct after revision, incorrect, or could not attempt).*

Exercise 1 Choose an item. Exercise 10 Choose an item.

Exercise 2 Choose an item. Exercise 11 Choose an item.

Exercise 3 Choose an item. Exercise 12 Choose an item.

Exercise 4 Choose an item. Exercise 13 Choose an item.

Exercise 5 Choose an item. Exercise 14 Choose an item.

Exercise 6 Choose an item. Exercise 15 Choose an item.

Exercise 7 Choose an item. Exercise 16 Choose an item.

Exercise 8 Choose an item. Exercise 17 Choose an item.

Exercise 9 Choose an item. Exercise 18 Choose an item.

Tell us which topics you found difficult and/or had to revise.  
Click here to enter text.

5. Personal details

*Give us your details, so we know who you are and how to contact you.*

Title Choose an item.

First name(s) Click here to enter text.

Last name Click here to enter text.

Former names(s) Click here to enter text.

Date of birth Click here to enter a date.

Telephone number Click here to enter text.

Email address Click here to enter text.

Address 1 Click here to enter text.

Address 2 Click here to enter text.

Town/city Click here to enter text.

County/region Click here to enter text.

Postal code Click here to enter text.

Country Click here to enter text.

6. Checklist

*Make sure you’ve attached everything to your email.*

This application form

PDFs

*In the file names, include your name and an indication of the contents.*

How many PDFs are you sending? Click here to enter text.

7. Declaration

***By submitting this form, you’re confirming that you’ve read the qualification description and that the information above is correct and a true representation of your current mathematical/statistical abilities.***

If you’ve any questions about completing this application form, email us at [STEM-MS-Teaching-Quals@open.ac.uk](mailto:STEM-MS-Teaching-Quals@open.ac.uk?subject=S04%20application%20[Your%20name]).

If you’ve applied to start this certificate before, tell us when. Click here to enter a date.

If you already have an OU personal identifier, what is it? Click here to enter text.