

Links to listings of external short courses in statistics, data management and related subjects

[last updated 17th August 2026]

Usually, the most efficient route to learn new statistical and research methods and acquire a grounding in the necessary data management skills is to attend (online or in-person) one or more of the dozens of established short courses offered by experts at various institutions and companies around the country and beyond. Note, most of these courses charge a fee to attend. Please click on the links below for more information. Note that other institutions not listed may also offer courses that meet your needs.

UCL Statistical Science (introduction to medical statistics)

<https://www.ucl.ac.uk/statistics/psmr>

UCL Centre for Applied Statistics (sample size/power, statistical methods using Stata/SPSS/R/Matlab, appraisal/reviews)

<https://www.ucl.ac.uk/child-health/short-courses-events/centre-applied-statistics-courses>

UCL/University of Manchester RADIANCE (state-of-the-art online training in longitudinal data science)

<https://radiance.org.uk/>

UCL Institute of Clinical Trials and Methodology (statistical methods and trial management)

<https://www.ucl.ac.uk/clinical-trials-and-methodology/education/short-courses>

UCL Centre for Longitudinal Studies (repositories of data from 4 large British cohort studies, guidance and training including on missing data)

<https://cls.ucl.ac.uk/data-access-training/>

UCL Institute of Neurology (basic statistics using Stata)

<https://onlinestore.ucl.ac.uk/conferences-and-events/faculty-of-brain-sciences-c07/ucl-institute-of-neurology-d07/d07-two-days-statistics-with-stata-workshop-at-ucl-qsion-2024>

Imperial College London - Statistical Advisory Service (Statistical analysis and data management in Stata / SPSS / Matlab / R)

<https://www.imperial.ac.uk/research-and-innovation/support-for-staff/stats-advice-service/courses/>

Imperial College London - National Heart and Lung Institute (medical statistics)

<https://estore.imperial.ac.uk/product-catalogue/faculty-of-medicine/nhli/online-introductory-medical-statistics-course-may-2025>

London School of Hygiene and Tropical Medicine (medical statistics and epidemiology)

<https://www.lshtm.ac.uk/study/courses/short-courses/a-z>

Queen Mary University of London - Pragmatic Clinical Trials Unit (randomised controlled trials and trials within cohorts (TwICs))

<https://www.qmul.ac.uk/pctu/courses--events/>

Southampton Statistical Sciences Research Institute (medical statistics, experimental design, surveys & social statistics)

<https://www.southampton.ac.uk/s3ri/cpd/courses.page>

University of Southampton MRC Lifecourse Epidemiology Centre (epidemiology for clinicians)

<https://generic.wordpress.soton.ac.uk/mrclec/training/epidemiology-for-clinicians-course/>

University of Surrey (Genome-wide association studies, coding in R)

<https://www.surrey.ac.uk/school-biosciences/study/cpd-and-short-courses>

University of Hertfordshire (broad range of courses on surveys, data analysis, statistical software)

<https://www.herts.ac.uk/study/schools-of-study/business/for-business/statistical-services-and-consultancy-unit/sscu-short-courses>

Centre for Multilevel Modelling, University of Bristol (multilevel modelling)

<https://www.bristol.ac.uk/cmm/learning/online-course/>

University of Bristol (statistics, epidemiology, health economics, qualitative methods, software)

<https://www.bristol.ac.uk/medical-school/study/short-courses/>

MRC Biostatistics Unit, Cambridge (response-adaptive designs, Mendelian randomisation, genetics in drug development)

<https://www.mrc-bsu.cam.ac.uk/training/short-courses/>

<https://www.mendelianrandomization.com/index.php/course-details/course-details>

<https://onlinesales.admin.cam.ac.uk/conferences-and-events/mrc-biostatistics-unit/adaptive-and-bayesian-designs-in-real-trials/adaptive-and-bayesian-designs-in-real-trials-05-06-june-2025>

University of Oxford (randomised controlled trials, introduction to medical statistics)

<https://www.ndorms.ox.ac.uk/graduate-courses/courses/randomised-controlled-trial-course>

<https://www.conted.ox.ac.uk/courses/essential-medical-statistics>

<https://www.conted.ox.ac.uk/courses/statistical-computing-for-health-care-research>

University of Birmingham (trials, individual participant data meta-analysis, patient-reported outcomes)

<https://shop.bham.ac.uk/conferences-and-events/cpd/cpd-courses>

[https://www.birmingham.ac.uk/postgraduate/courses/cpd/med/foundations-in-cluster-randomised-trials#:~:text=This%20short%203%2Dday%20or,rials%20\(SW%2DCRTs\)](https://www.birmingham.ac.uk/postgraduate/courses/cpd/med/foundations-in-cluster-randomised-trials#:~:text=This%20short%203%2Dday%20or,rials%20(SW%2DCRTs))

Keele University (clinical trials & prognosis research)

<https://www.keele.ac.uk/research/ourresearch/medicine/primarycarerresearchthemes/biostatistics/trainingcourses/>

University of Sheffield - Sheffield Centre for Health and Related Research (SCHARR)

(quantitative and qualitative methods, evidence synthesis, cost effectiveness)

<https://www.sheffield.ac.uk/smph/cpd/short-courses/2024-list#Upcoming>

Newcastle University (clinical trials)

<https://www.newcastle-biostatistics.com/courses/>

University of Edinburgh (methodology, health economics, software, data management, qualitative research)

<https://clinical-research-facility.ed.ac.uk/core-services/education/courses-and-events>

University of Glasgow (health economics and health technology assessment)

<https://www.gla.ac.uk/schools/healthwellbeing/research/hehta/study/short-courses/>

University of Aberdeen (Medical statistics and epidemiology)

<https://www.store.abdn.ac.uk/conferences-and-events/courses-and-workshops>

<https://on.abdn.ac.uk/courses/applied-statistics/>

Nottingham Trent University (R and RStudio, Bayesian statistics, modelling)

<https://www.ntu.ac.uk/study-and-courses/professional-and-short-courses/social-science/rstats-short-cpd-courses>

Trinity College Dublin (BICEP - Bayesian inference for rare genomic variant causality evaluation in pedigrees)

<https://www.maths.tcd.ie/~eleisa/BICEPWorkshop.html>

National Centre for Social Research (NatCen) (quantitative & qualitative social science methods)

<https://natcen.ac.uk/training-courses>

The Social Research Association (a variety of quantitative and qualitative methods training)

<https://the-sra.org.uk/SRA/SRA/Training/Training.aspx?hkey=5f47d507-ba8a-4d20-8791-50d3ae98ffea>

UK Data Service (social science datasets)

<https://ukdataservice.ac.uk/learning-hub/>

SCADR - Scottish Centre for Administrative Data Research (Analysis of administrative data)

<https://www.scadr.ac.uk/>

National Centre for Research Methods (data analysis and a broad range of social science methods)

<https://www.ncrm.ac.uk/training/alltrain.php>

Royal Statistical Society (introductory statistics, data visualisation, survey design)

<https://rss.org.uk/training-events/training/>

NIHR Statistics Workgroup (Improving statistical Literacy)

<https://www.eventbrite.co.uk/e/a-practical-introduction-to-selection-bias-in-clinical-research-tickets-1290370696489?aff=oddtcreator>

<https://statistics-group.nihr.ac.uk/research/>

Centre for Reviews and Dissemination, University of York (systematic reviews and meta-analysis)

<https://www.york.ac.uk/crd/training-services/>

Cochrane Collaboration (systematic reviews and meta-analysis)

<https://training.cochrane.org/>

Figure it Out (modelling in SPSS / MPlus)

<https://www.figureitout.org.uk/>

Physalia (bioinformatics and genomics)

<https://www.physalia-courses.org/>

Statistical Services Centre, Reading (Modelling in R / Stata)

<https://www.ssc-training.co.uk/training.html>

Causal Training (Causal inference for health and social science researchers)

<https://www.causal.training/>

Ecraid European Respiratory Society - Respiratory Channel (adaptive clinical trial design)

<https://channel.ersnet.org/media-106923-ecraid-training-modules-on-adaptive-clinical-trial-designs-module-1-general-introduction-t>

Instats (qualitative and quantitative methods, Artificial Intelligence/Machine Learning)

<https://instats.org/>

Highland Statistics (statistics for ecology & consultancy services)

<https://www.highstat.com/index.php/courses2>

Jumping Rivers (data science)

<https://www.jumpingrivers.com/training/public/>

Red Door Analytics (advanced survival analysis methods)

<https://reddooranalytics.se/services/training-courses/>

SMaRT Workshops (intense online training to groups of learners on a variety of methods and software packages)

<https://smart-workshops.com/workshops>

FLAMES - Flanders training network for methodology and statistics (a variety of methods courses delivered online or face to face)

<https://www.flames-statistics.com/iu-courses>

Quantics Biostatistics (statistical methods for bioassays)

<https://www.eventbrite.co.uk/e/an-introduction-to-statistics-for-bioassay-november-2024-registration-925165373537>

Passion-Driven Statistics (introductory statistics and machine learning)

<https://passiondrivenstatistics.wescreates.wesleyan.edu/mooc/>

Italian Society of Pharmaceutical Medicine (SIMEF) (webinar series on R-packages)

https://simef.it/index.php?option=com_eventbooking&view=event&id=716&catid=7&Itemid=386&lang=it

Berry Consultants (adaptive & platform trials, Bayesian approaches)

[FACTS Webinar Series – Simulation Guided Trial Design Using FACTS | News and Events](#)

Timberlake (statistics, econometrics, data science, forecasting in Stata and EViews, & consultancy services)

https://www.timberlake.co.uk/courses.html#tim_course_country=99&dir=desc

Statingale (Sparse data, separation and reliable inference in clinical trials)

<https://statingale.com/>

Stata (a broad range of courses using the statistical software package Stata)

<https://www.stata.com/meeting/short-courses/#online>

SPSS (courses to learn how to do statistics using IBM SPSS)

<https://www.ibm.com/training/search?query=SPSS>

Smart Vision Europe (a variety of statistical methods using IBM SPSS)

<https://www.sv-europe.com/courses/>

ASSESS SPSS Users Group

<https://assess-spss.co.uk/34thannualmeeting/>

SAS (Master data analytics skills with free courses, trials and resources developed by top SAS trainers)

https://www.sas.com/en_gb/training/offers/free-training.html