



UNIVERSITY OF
BIRMINGHAM

COLLEGE OF
MEDICAL AND
DENTAL SCIENCES

Better
Health

CLINICAL TRIALS
MSc/Diploma/
Certificate

Better
Evidence



Clinical Trials

MSc/Diploma/Certificate

This Masters programme will provide you with an excellent foundation in clinical trials, covering the theoretical and practical aspects of the design, conduct, analysis and interpretation of clinical trials.

Clinical trials have huge societal impact, providing the best research evidence of the effectiveness of healthcare interventions. The conclusions of well-conducted trials inform both clinical and health policy decision-making, ensuring that the most appropriate interventions are used to improve the health and quality of life of the population.

Research through clinical trials is a growing global business in academic institutions, industry, the NHS and across public health

organisations. Staff working within clinical trials include health professionals, trial managers, data managers, quality assurance officers, statisticians, health economists and qualitative researchers, providing many varied career opportunities.

Whilst the focus of this programme is trials within healthcare, the majority of theoretical and practical aspects applicable to clinical trials are transferable to trials of social care and public health interventions.



WHY CHOOSE BIRMINGHAM?

- The University of Birmingham hosts the Birmingham Centre for Clinical Trials (which includes the Birmingham Clinical Trials Unit and the Cancer Research UK Clinical Trials Unit) and is one of the leading centres in the UK for designing and implementing high quality clinical trials across a wide range of diseases and clinical settings, from early phase to late phase clinical trials.

- You will be taught by experienced staff, based within the Centre, with an established record of training. Their teaching is informed by their own applied and methodological research.
- Whether you already work in clinical trials or you want to move into this increasingly important field, the programme is designed to produce skilled specialist trial staff and trial chief investigators of the future.
- You will develop key research and presentation skills that are sought by recruiters for further PhD study.



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FACT FILE

Start date: September

Duration: 1 year full-time, 2 years part-time

Fees for 2020–21 (MSc, full-time):

UK/EU £9,250; International – £24,930

For full information, including part-time and PGDip/PGCert, see the web pages.

Entry requirements: 2:1 honours degree (or equivalent) in a health or life sciences related subject (including medicine, pharmacy, nursing, psychology, health sciences), medical statistics or health economics. Individuals not meeting the above requirement who have equivalent relevant work experience will be considered on a case-by-case basis. Individuals in this category may be offered a place on the PGDip in the first instance, with the potential to transfer to the MSc.

Course content

This modular multidisciplinary programme offers a Postgraduate Certificate, Postgraduate Diploma or a Masters in Clinical Trials and is designed to provide academic training to professionals currently working in, or who wish to work in, clinical trials. For the MSc you will take the following core modules:

- Rationale for Clinical Trials, Key Concepts and Features
- Selection, Collection and Reporting of Trial Outcomes
- Preparation and Set-up for a Clinical Trial
- Delivery and Management of Clinical Trials
- Analyses of Clinical Trials, Interpretation and Communication of Trial Findings
- Early Phase Clinical Trials
- Design and Delivery of Further Clinical Trials
- Final Research Project

In studying this programme you will gain:

- an in-depth understanding of the fundamental concepts and features in the design and analysis of clinical trials
- a comprehensive understanding and practical knowledge of research methods relevant to clinical trials
- the skills to become a critical thinker and techniques for independent scientific research
- the knowledge and practical skills to plan and deliver efficient and successful clinical trials
- the ability to implement systematic and creative approaches to dealing with complex issues and problem solving
- the skills for effective reporting, communication and dissemination of trial findings

World-class learning and teaching

As a University of Birmingham student on this programme, you will have the privilege of learning from world-leading academics, practitioners and researchers, who will challenge and encourage you to become an independent and self-motivated learner within the context of your professional role.

Throughout your time with us you will also have access to personal and welfare tutors who can help with both academic and welfare issues.



LEARN MORE

For full module information and an online application form, please visit our dedicated web pages, or contact our programme staff with your questions.

Email:

clinicaltrialsmsc@contacts.bham.ac.uk

www.birmingham.ac.uk/msc-clinical-trials

For regular updates on our research, news and events, follow:

[collegemds](#)

[@unibirm_MDS](#)



Enhance your personal skills and professional prospects, with postgraduate study at the University of Birmingham

Postgraduate study has both an inherent and transferable value, supporting you to develop as a person, boost your career prospects and even change direction in your career.

You will be taught by experts in their fields and work alongside supportive and innovative academics in our world-leading centres.

You will work in an environment in which excellence, innovation and delivery are made possible by brilliant people, outstanding facilities and strong collaborative networks. Within this nurturing academic community, you will be able to shape policy, change lives, influence society and gain the skills you need to put you ahead in a competitive job market.

Supporting you to achieve a challenging and rewarding career

As a postgraduate student you are likely to have specific requirements when it comes to planning for your next career step. Our Careers Network offers a range of events and support services designed to help you maximise your employability: from networking opportunities and career coaching workshops, to our effective-careers-strategy toolkit and one-to-one guidance.

We also offer subject-specific careers consultants and advisers for each college and a dedicated careers website for international students.

POSTGRADUATE OPEN DAYS

Come and speak to us about our courses at our Postgraduate Open Days on our beautiful campus. Find out more www.birmingham.ac.uk/pgopenday

COLLEGE GRADUATE SCHOOL

The College Graduate School undertakes the vital roles of providing you with support, advice, and information, as well as training and funding opportunities. Find out more www.birmingham.ac.uk/mds-graduate-school



This leaflet was written several months in advance of the start of the academic year. It is intended to provide prospective students with a general picture of the programmes and courses offered by the School. Please note that not all programmes or all courses are offered every year. Also, because our research is constantly exploring new areas and directions of study some courses may be discontinued and new ones offered in their place.

Please note the information in this brochure is correct at time of publication but may be subject to change (November 2019).



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