DESIGN AND LEAD CLINICAL TRIALS
The online Clinical Trials Research course was developed in response to the need for a formal postgraduate clinical research qualification. The course provides candidates with state-of-the-art interactive e-learning opportunities in the design, conduct and interpretation of clinical trials. Offered by NHMRC Clinical Trials Centre (CTC), part of Sydney Medical School, the course was developed and is taught by clinicians and researchers who have designed, conducted and published more than 200 clinical trials over the past 20 years, as well as teaching short courses over that time.

The CTC’s clinicians and researchers are well equipped to provide the knowledge and skills that will enable participants to design and lead clinical trials.

THE BENEFITS
Candidates will complete the course with a solid understanding of research methodologies, clinical trials literature and the clinical trials process, including the design, scheduling of intervention delivery, doses of treatment, and statistical and ethical considerations.

Candidates will be able to:
- Develop trial concepts
- Choose optimal trial designs
- Lead protocol development
- Implement a trial protocol
- Develop operational strategies for trial conduct
- Collect and critically analyse trial data
- Present, report and interpret trial results
- Evaluate trial designs and methods
- Lead systematic reviews
- Learn funding options
- Assess patient outcomes

A PROGRAM FOR CLINICIANS & HEALTH PROFESSIONALS
The Clinical Trials Research course is for clinicians including doctors, researchers, consultants and other health care professionals, data managers and nurse practitioners, who are already working in, or are planning to pursue, opportunities in the field of clinical research.

FLEXIBLE STUDY
The Clinical Trials Research course is delivered 100% online, including lectures and tutorials, discussion forums and supplementary notes.

The course is offered part-time, with the option of a Graduate Certificate, Graduate Diploma or Masters, or studying individual units for interest or professional development.
NHMRC Clinical Trials Centre

Medicine, Faculty of Medicine
Senior MS ADRIENNE KIRBY
NHMRC Clinical Trials Centre
Professor of Biostatistics
PROFESSOR VAL GEBSKI
NHMRC Clinical Trials Centre
Deputy Director
Sydney Medical School
Cardiology and Epidemiology,
ANTHONY KEECH
PROFESSOR
CORE Biostatistician
expertise in the field of clinical trials research.

Clinicians and health professionals are expected to have a thorough understanding of clinical trials and their regulations when conducting medical research, and research subjects, will be substantial.

I have worked collaboratively with CTC for over 10 years and initiated seven trials during this time. This successful partnership has resulted in a number of valuable clinical outcomes which have benefited many women with gynaecological malignancies.

I am delighted to see CTC with a formal postgraduate program in clinical trials research and I have every confidence that they provide a first class program, as they have significant expertise in the field of clinical trials research.

“MY association with the CTC goes back to soon after its inception, more than 20 years ago, and I have always viewed it as a reference benchmark for clinical research in Australia. The CTC, as the pre-eminent academic research institute specialising in the conduct of clinical trials, has become a major driving force in setting the standard for the conduct of quality research in Australia. It’s a natural and very welcome extension of this core capability of the CTC that they now introduce a postgraduate academic program in clinical trials. I have no doubt the benefit to Australian medical research, and research subjects, will be substantial.”

DR BILL KETELBEY
Senior Medical Director
Country Medical Director
Pfizer Australia and New Zealand

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COURSE OVERVIEW

Master of Clinical Trials
Credit points 48
Units of study 8
Part time enrolment 2 years

Graduate Diploma of Clinical Trials
Credit points 36
Units of study 6
Part time enrolment 1.5 years

Graduate Certificate of Clinical Trials
Credit points 24
Units of study 4
Part time enrolment 1 year

Single study units
Candidates may enrol in individual units for interest or professional development.

UNITS OF STUDY

All Graduate Certificate, Diploma and Masters students complete the following four (4) core units:

• Trials Design and Methods
• Critical Appraisal of Evidence
• Clinical Trials in Practice
• Statistical Principles in Clinical Trials

Graduate Diploma and Masters students complete two (2) additional core units:

• Leadership and problem solving
• Interpretation of Trial analysis

Masters students select one (1) elective from the following list, and one (1) Capstone unit:

• Advanced Trial Design
• Biomarker Studies

Capstone:
The capstone unit requires candidates to bring together concepts, principles and applications, into a research protocol or project.

WHY THE UNIVERSITY OF SYDNEY?
The University of Sydney and Sydney Medical School, are known internationally for academic excellence, quality teaching and innovative research.

NHMRC CLINICAL TRIALS CENTRE

The NHMRC Clinical Trials Centre was established in 1988, and is known around the world for its expertise in designing and conducting clinical trials and translating collaborative clinical trials research into improving health outcomes. The CTC’s trials include multicentre investigator-initiated cancer, cardiovascular and neonatal clinical trials. It also takes part in national and international collaborative trial groups and contributes expertise to trials run by others.

RECOGNITION OF PREVIOUS STUDY

Health professionals who have completed graduate studies are welcome to apply for prior recognition. Credit towards the course is determined on an individual basis.

FEES

For information on fees, refer to:
ctc.usyd.edu.au/education

FOR MORE INFORMATION CONTACT

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HOW TO APPLY?

All students
Apply directly to Sydney Medical School, application forms are available Sydney Medical School’s website sydney.edu.au/medicine

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