



Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin

Postgraduate Certificate in Quantitative Methods and Data Analysis for Healthcare



Course Overview

The Postgraduate Certificate in Quantitative Methods and Data Analysis for Healthcare is open to a wide range of professionals, PhD and other students from a broad spectrum of healthcare related backgrounds.

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www.nursing-midwifery.tcd.ie/postgraduate/



Key Facts

Duration

One year part-time

Award

Certificate

Start Date

September annually

NCQ Level

9

Further information

<https://bit.ly/3tKDMtG>

How to apply

<http://bit.ly/2ysvfxe>

Course overview

Students will be equipped with the relevant knowledge and tools to understand, appraise and critically analyse or conduct an analysis of healthcare or related data used in healthcare research. Students will learn to conduct and interpret basic statistical methods using freely available R software and also have a working knowledge of SPSS software. Upon successful completion of the course, graduates will have learned the basic principles and methods of healthcare specific statistics and epidemiology and will have developed and applied practical skills in statistical methods used in healthcare research. This will increase graduates' employability in healthcare related research and practice.

Structure and delivery

This course is offered on a one-year part-time basis. This Postgraduate Certificate is the equivalent of 30 ECTS and is composed of three mandatory modules delivered through blended learning. Two modules are delivered totally online and the third module may be attended in-person or online. Students are required to complete all three modules.

International Students

Application for this programme is open to all students both EU and Non-EU. Students may complete this course online, without the need to travel.

Modules (ECTS are listed in brackets)

- Introduction to Healthcare Statistics (10 ECTS)
- Measuring and Reporting on Population Health (10 ECTS)
- Healthcare Data Acquisition, Management and Analysis (10 ECTS)

Entry Requirements

1. Applicants must hold an honours degree in a relevant discipline or otherwise satisfy the course committee that they have the ability to complete and benefit from the course.
2. Applicants must be familiar with information technology, in particular email and internet use, and have access to computer facilities.

Documentation required to complete application

- One academic and one professional reference from an employer. Each reference should confirm the potential and suitability of the applicant to undertake the course
- Copies of academic transcripts from completed educational courses
- Copies of official awards (parchment) from completed educational courses

Further details are available from

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