

TARGET AUDIENCE

The programme is centered around Voice-Annotated Presentations (VAP) that provide the course material. These are online presentations that can be viewed at your own pace anytime and anywhere.

This certificate programme consists of three courses with assessments, to assess the learning process of the participants. Each course is structured into topic groups with VAPs and suggested reading materials. Multiple choice questions after each topic will assist to gauge the acquired understanding of the material. Upon completion of each course the assessment, the participant will earn a certificate.

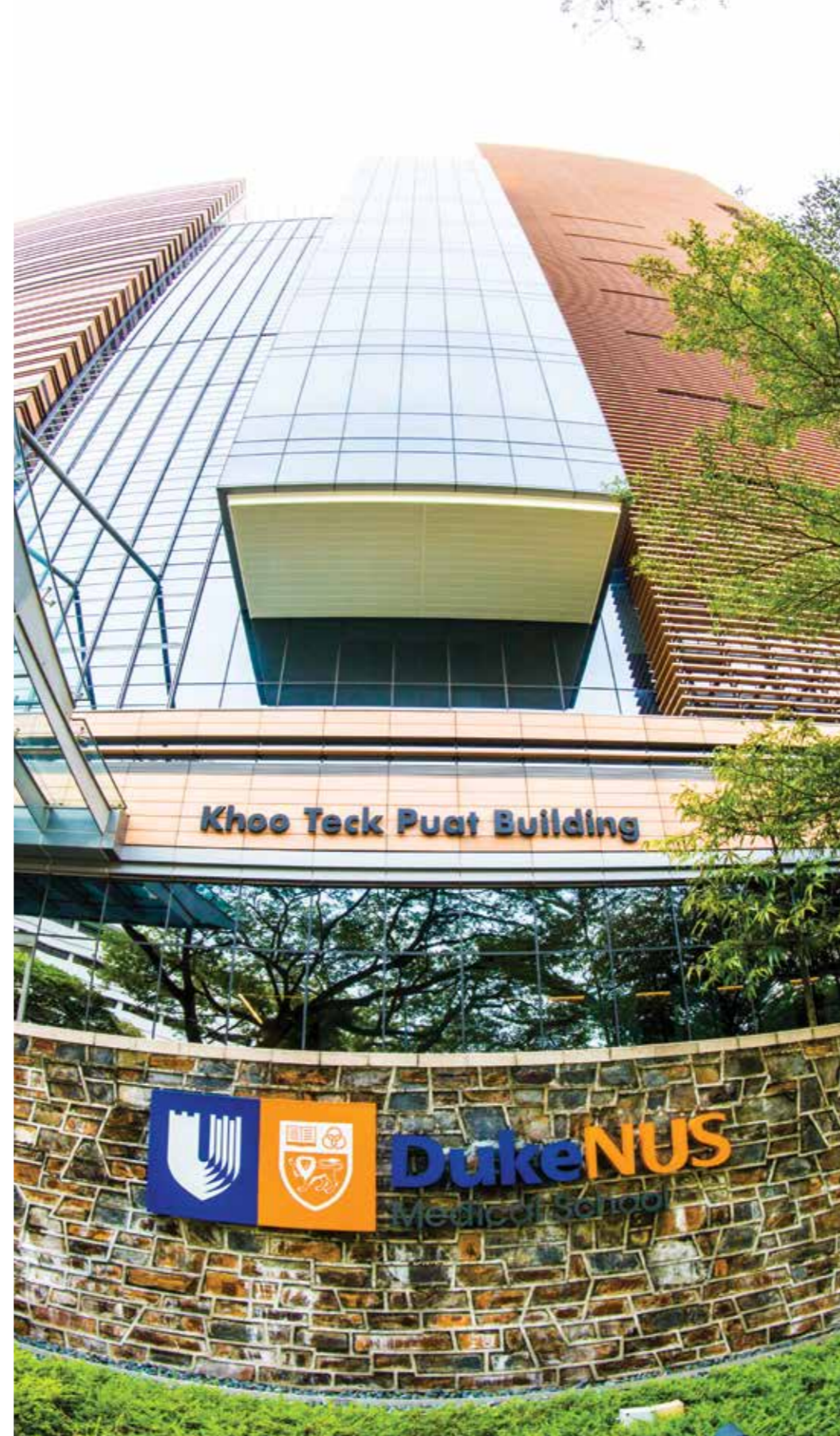
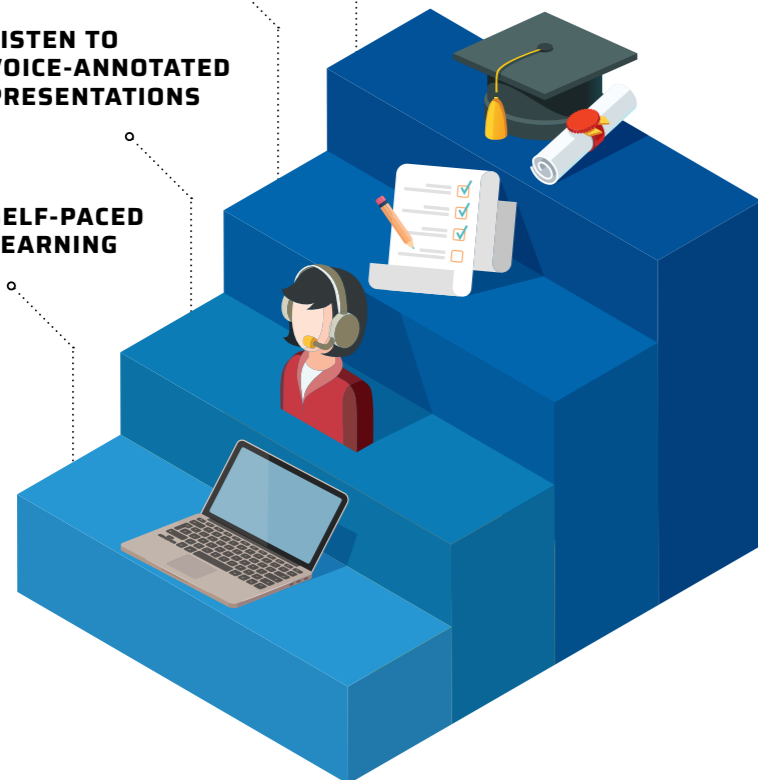
HOW TO PROCEED THROUGH THE CERTIFICATE PROGRAMME?

4 OBTAIN CERTIFICATION

3 ATTEMPTS MCQs AFTER EVERY COURSE

2 LISTEN TO VOICE-ANNOTATED PRESENTATIONS

1 SELF-PACED LEARNING



CERTIFICATE IN CLINICAL RESEARCH



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QUALITY • COMPLIANCE • METHODOLOGY

ABOUT THE PROGRAMME

Whether you are a well-established clinician, or at the beginning of your clinical research career planning to write your first research proposal or a long-standing clinician scientist, being competent in the principles of clinical research will be of importance to you.

This certificate programme offers you the opportunity to become competent in understanding the medical literature, initiate clinical research and proficient in conducting clinical research.

The programme is geared toward those with a background in an area related to healthcare, including students and professionals in areas including medicine, pharmacy, nursing, nutrient & dietetics, physical therapy, occupational therapy and any other health care related field.

The structure of the certificate programme comprises of three different segments (Course 1 to 3) from a basic overview of most common methods used in clinical research to more advanced concepts of clinical research design and methods.

COURSE

1

Deciphering The Literature of Clinical Research

Overview of basic concepts in medical literature and clinical research

MODULES

- Introduction
- Measurements in Clinical Research
- Sample Size Estimation
- Establishing Cause
- Study Designs
- Prognosis
- Clinical Trials
- Diagnosis
- Additional Topics

COURSE

2

Deciphering Statistical Methods

An introduction to concepts and principles of statistical analysis used in clinical research

MODULES

- Introduction
- Confidence Intervals
- Continuous Variable
- Statistical Significance
- Multiple Comparisons
- Statistical Tests
- Regression Analyses
- Additional tests
- Advice

COURSE

3

Clinical Research Principles

From developing a research proposal to publishing the study of results

MODULES

- Introduction to Clinical Research
- The Research Proposal
- Review of General Study Designs
- Study Designs - Clinical and Randomized Clinical Trials
- Result Dissemination