



UNIVERSITY OF RUHUNA  
Centre for Multidisciplinary Studies & Research  
Siribopura, Hambanthota

**SHORT COURSE ON RESEARCH METHODS AND BASIC STATISTICS**

[Offered by Department of Community Medicine, Faculty of Medicine, Galle]

**BACKGROUND**

Knowledge and relevant skills in research and statistical methods are essential to many professional and semi-professional employees in the government and private sector to collect, analyze and report data related to their services for effective use of the limited resources available for them and to provide effective service for the community. Further, there is a demand for students in tertiary and higher education institutes for such a course. This short course is designed to provide basic knowledge and skills in health and social science research methods and statistics for semi-professional and professional employees and students in tertiary and higher education institutes in the southern province.

**OBJECTIVES**

The aim of the course is to introduce health and social research methods and the basic statistical concepts and methods commonly used in social and health research. By the end of the course, students will be able to:

- explain basic concepts of research methodology and different study designs
- organize research project and develop a research protocol
- select and use appropriate statistical methods in the analysis of simple datasets
- understand and interpret basic descriptive output from statistical analyses
- present findings based on statistical analysis in a clear, concise and understandable manner.

**COURSE CONTENTS**

1. Basic concepts in research methodology
2. Research study designs and sampling
3. Basic data collection and analyzing techniques
4. Ethical considerations and report writing

**TARGET GROUP**

Professional and Semi-professional employees, students in higher education institutes (Maximum of 20 participants).

## **DURATION AND PLACE**

Two days (Tentatively November 23 and 24, 2013) Time: 9.00 am to 5.00 pm. The course will be conducted at Centre for Multidisciplinary Studies & Research, Siribopura, Hambanthota

## **CERTIFICATE**

Participants who successfully completed the course will be awarded with university approved certificate.

## **MEDIUM**

English

## **COURSE FEE**

Rs. 5000 (including course materials and lunch/ refreshments during the course)

## **STAFF**

Course coordinator – Dr. Bilesha Perera

Resource persons: Dr. Bilesha Perera (Department of Community Medicine)  
Dr. Manjula Hettiarachchi (Nuclear Medicine Unit)

## **APPLICATION**

Download from University Website, Centre for Multidisciplinary Studies and Research at Siribopura, Hambantota or Distance and Continuing Education Unit, University of Ruhuna, Wallamadama, Matara.

## **FURTHER DETAILS**

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