Department of Demography
University of Colombo
Sri Lanka

https://www.worldcampus.psu.edu/degrees-and-certificates/penn-state-online-applied-statistics-graduate-certificate

Certificate Course in

APPLIED SOCIAL STATISTICS

Target Group

This course is specially designed for those who do not have prior knowledge of statistics but are required to apply statistical techniques for data analyses related to social aspects. The target group may include school leavers at Advance Level (A/L), undergraduates, graduates, professionals and others who are interested or obliged to gain knowledge to improve skills in social statistics.

Syllabus

- Introduction to statistical terminology
- Sampling concerns as a pre-requisite to statistical testing
- Techniques of processing data including Exploratory Data Analysis (EDA)
- Application of parametric testing
- Hypothesis testing with test statistics
- Analysis of variance, correlation and regression
- Use of non-parametric testing and Bayesian statistics

Course Fee

Local : **Rs. 30,000 per Participant**

International: USD $450 per participant

Duration: 15 Weeks (90 Hours)

Lectures will be conducted via hybrid mode on Saturdays from 9.00 a.m- 4.00 p.m

Medium: English/ Sinhala

Applications: Applicant can apply via following URL

https://bit.ly/3sD0SBw

Resource Persons

Deshabandu Emeritus Professor Lakshman Dissanayake
Professor (Chair) Sunethra J. Perera
Professor Manori K. Weeratunga
Department of Demography, University of Colombo

Dr. Rushan Abegunawardhana
Department of Statistics, University of Colombo

Contact

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Application closing date: 15th September 2023

Web site: https://arts.cmb.ac.lk/demo/
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