

BIOS6002 Topics in Multivariate Analysis

(1.5 credits)

Course Coordinator: Prof. Maggie Wang

Course Description

This course will cover methods importance in the analysis of data collected from questionnaires. Both exploratory and confirmatory factor analysis (under the framework of Structural Equation Models) will be discussed.

Learning Outcomes/Objectives

After taking this course the students will understand the uses of exploratory factor analysis, discriminant analysis and SEM methods including confirmatory factor analysis and path analysis in the exploration and hypothesis testing for data collected from questionnaires.

Course Schedule

Session	Date	Time	Venue
1	Mar 21, 2019 (Thu)	6:30 – 9:30 pm	School of Public Health Prince of Wales of Hospital Shatin, N.T., Hong Kong
2	Mar 28, 2019 (Thu)	6:30 – 9:30 pm	
3	Apr 4, 2019 (Thu)	6:30 – 9:30 pm	
4	Apr 11, 2019 (Thu)	6:30 – 9:30 pm	
5	Apr 18, 2019 (Thu)	6:30 – 9:30 pm	
6	Apr 25, 2019 (Thu)	6:30 – 9:30 pm	

Fee

Application Fee: \$100

Course Fee: \$7,050