Statistics Short Courses

Department of Health Science and Biostatistics

School of Health Sciences

Faculty of Health, Arts and Design

Course Schedule

Semester 2/Study Period 3, 2021 (Fully Online)

TOPIC	PRESENTER	DATES*	PRE-REQUISITE
STAA0001: Basic Statistics -12 weeks (12 x 2 hrs or equivalent)	I.Guarnieri	From 30th August 2021 to 28th November 2021	None
STAA0002: Linear Regression (Simple and Multiple) and ANOVA-12 weeks (12 x 2 hrs or equivalent) (12 x 2 hrs)	W.S. Chen and S. Quinn	From 30th August 2021 to 28th November 2021	Basic Statistics
STAA0003A: Introduction to R-6 weeks (6x 2 hrs or equivalent)	P. Apputhurai	From 30th August 2021 to 10th October 2021	None
STAA0003B: Using R for Statistical Analysis -5 weeks (5 x 2 hrs or equivalent)	P. Apputhurai	From 11th October 2021 to 20st November 2021	Introduction to R
STAA0004A: Survey Design -6 weeks (6 x 2 hrs or equivalent)	I. Filonenko	From 30th August 2021 to 10th October 2021	Basic Statistics
STAA0004B: Research Design -6 weeks (6 x 2 hrs or equivalent)	W.S. Chen	From 11th October 2021 to 28th November 2021	Basic Statistics
STAA0005A: Multiple Linear and Logistic Regression -2 weeks (3 x 2 hrs or equivalent)	J. Bhowmik	From 30th August 2021 to 12th September 2021	Linear Regression and ANOVA
STAA0005B: Factor Analysis and MANOVA -6 weeks (6 x 3 hrs or equivalent)	J. Bhowmik	From 13st August 2021 to 24th October 2021	Linear Regression and ANOVA
STAA0007A: Forecasting -6 weeks (6 x 3 hrs or equivalent)	J. Bhowmik	From 30th August 2021 to 10th October 2021	Linear Regression and ANOVA
STAA0007B: Advanced Forecasting with SAS -6 weeks (5 x 3 hrs or equivalent)	J. Bhowmik	From 11th October 2021 to 19th November 2021	Forecasting
STAA0008 - Survey Sampling-11 weeks (11x3 hrs or equivalent)	S. Quinn	From 11th October 2021 to 21st November 2021	Introduction to SAS
STAA0009A: Introductory Structural Equation Modelling with AMOS -5 weeks (5 x 3 hrs or equivalent)	L. Tirlea and D. Meyer	From 30st August 2021 to 10th October 2021	Multiple Linear Regression, Factor Analysis and MANOVA
STAA0009B: Advanced Structural Equation Modelling (SEM) with MPLUS -5 weeks (5 x 3 hrs or equivalent)	L. Tirlea and D. Meyer	From 11th October 2021 to 20th November 2021	Introductory SEM
STAA0006: Introduction to Bayesian Statistics -6 weeks (6 x 3 hrs or equivalent)	P. Apputhurai	From 30th August 2021 to 10th October 2021	Multiple Linear Regression, Introduction to R
STAA0011: Data Mining 11 weeks (11 x 3 hrs or equivalent)	P. Apputhurai and D.Meyer	From 30th August 2021 to 20th November 2021	Multiple Linear Regression, Factor Analysis and MANOVA

- Fully online delivery