

# Statistics Short Courses

Department of Health Sciences and  
Biostatistics

School of Health Sciences



SWINBURNE  
UNIVERSITY OF  
TECHNOLOGY

## COURSE SCHEDULE

SEMESTER 1/Study Period 1, 2025 (FULLY ONLINE)

COURSE	PRESENTER	Dates*	PRE-REQUISITE
STAA0001/Basic Statistics -12 weeks (12×2hrs or equivalent)	J. Bhowmik	From 3 <sup>rd</sup> Mar 2025 to 1 <sup>st</sup> June 2025	None
STAA0002/Simple Linear Regression (SLR) and ANOVA-12 weeks (12×2hrs or equivalent)	Stephen Quinn	From 3 <sup>rd</sup> Mar 2025 to 1 <sup>st</sup> June 2025	Basic Statistics
STAA0003A/ Introduction to R-6 weeks (12×2hrs or equivalent)	P. Apputhurai	From 3 <sup>rd</sup> Mar 2025 to 13 <sup>th</sup> April 2025	None
STAA0003B/ Using R for Statistical Analysis-6 weeks (6×2hrs or equivalent)	P. Apputhurai	From 14 <sup>th</sup> April 2025 to 1 <sup>st</sup> June 2025	Introduction to R
STAA0004A/ Survey Design-6 weeks (6×2hrs or equivalent)	I. Filonenko	From 3 <sup>rd</sup> Mar 2025 to 13 <sup>th</sup> April 2025	Basic Statistics
STAA0004B/ Research Design-6 weeks (6×2hrs or equivalent)	A. Islam	From 14 <sup>th</sup> April 2025 to 1 <sup>st</sup> June 2025	Basic Statistics
STAA0005A/ Multiple Linear Regression, General Linear Models, and MANOVA -5 weeks (5 x 3 hrs or equivalent)	J. Bhowmik	From 3 <sup>rd</sup> Mar 2025 to 6 <sup>th</sup> April 2025	Simple Linear Regression and ANOVA
STAA0005B/ Factor Analysis and Introduction to SEM -6 weeks (6 x 3 hrs or equivalent)	J. Bhowmik	From 7 <sup>th</sup> April 2025 to 25 <sup>th</sup> May 2025	Simple Linear Regression and ANOVA

\* Online delivery \*\* No Class during Easter Break (from 28<sup>th</sup> March to 3<sup>rd</sup> April)

[swinburne.edu.au](http://swinburne.edu.au)