

Introduction to Medical Statistics – OUCRU Ho Chi Minh City

March 23-27, 2026

Instructors: Biostatistics Group, OUCRU

Day 1 – Monday, March 23, 2026

9:15-11:00	Welcome [Ronald Geskus] Descriptive data analysis [Ronald Geskus]
11:00-11:20	Coffee/tea break
11:20-12:30	Practical session [Duc Du Hong, Vuong Nguyen Lam, Hung Tran Thai, Thuan Hoang Van]
12:30-13:30	Lunch break
13:30-14:00	Practical session (continued) [Duc Du Hong, Vuong Nguyen Lam, Hung Tran Thai, Thuan Hoang Van]
14:00-15:00	Exploratory data analysis [Ronald Geskus]
15:00-15:20	Coffee/tea break
15:20-16:45	Practical session [Ronald Geskus, Vuong Nguyen Lam, Duc Du Hong]

Day 2 – Tuesday, March 24, 2026

9:15-10:30	Statistical analysis: main concepts and principles. Binomial distribution. [Ronald Geskus]
10:30-10:50	Coffee/tea break
10:50-12:30	Practical session [Ronald Geskus, Duc Du Hong, Hung Tran Thai]
12:30-13:30	Lunch break
13:30-14:40	The Normal Distribution; Confidence Intervals [Thuan Hoang Van]
14:40-15:00	Coffee/tea break
15:00-16:45	Practical session [Thuan Hoang Van, Duc Du Hong, Hung Tran Thai]

Day 3 – Wednesday, March 25, 2026

9:15-10:30	Comparing a numeric variable by group [Vuong Nguyen Lam]
10:30-10:50	Coffee/tea break
10:50-12:30	Practical session [Vuong Nguyen Lam, Hung Tran Thai, Duc Du Hong]
12:30-13:30	Lunch break
13:30-14:40	Simple linear regression [Vuong Nguyen Lam]
14:40-15:00	Coffee/tea break
15:00-16:45	Practical session [Duc Du Hong, Hung Tran Thai, Thuan Hoang Van]

Day 4 – Thursday, March 26, 2026

9:15-10:30	Multivariable linear regression [Thuan Hoang Van]
10:30-10:50	Coffee/tea break
10:50-12:30	Practical session [Thuan Hoang Van, Vuong Nguyen Lam, Ronald Geskus]
12:30-13:30	Lunch break
13:30-14:40	Logistic regression [Vuong Nguyen Lam]
14:40-15:00	Coffee/tea break
15:00-16:45	Practical session [Vuong Nguyen Lam, Hung Tran Thai, Thuan Hoang Van]

Day 5 – Friday, March 27, 2026

9:15-10:30	Study design, sample size calculation [Ronald Geskus]
10:30-10:50	Coffee/tea break
10:50-12:30	Practical session – sample size calculation and recap [Ronald Geskus, Thuan Hoang Van, Vuong Nguyen Lam]
12:30-13:30	Lunch break
13:30-14:00	Steps in quantitative research [Ronald Geskus]
14:00-15:00	<i>OUCRU academic meeting</i>
15:00-15:30	Steps in quantitative research (continued) [Ronald Geskus]
15:30-16:30	Questions and Answers, Game [Biostatistics team] with coffee/tea break