Day 1 (24th July)	**Topic**	
9.15 – 9.30am	Introduction (Trainers and Trainees)	All
9.30 – 11.00am	Introduction to R - Part 1	Asst Prof Bernett LEE
11.00 – 11.15am	*Break*	
11.15 – 12.45pm	Introduction to R - Part 2	Asst Prof Bernett LEE
12.45 – 1.45pm	*Lunch*	
1.45pm – 3.15pm	Introduction to High Performance Computing [HPC]	Asst Prof Bernett LEE
3.15 – 3.30pm	*Break*	
3.30pm – 5.00pm	Study Design	Asst Prof Marie Loh

Day 2 (25th July)

9.15am – 10.45am	Data Management I · Data Preparation	Asst Prof Marie Loh + Asst Prof Yew Yik Weng
10.45 – 11.00am	*Break Time*	
11.00am – 12.30pm	Data Management II · Missing Data and Descriptive Statistics	
12.30 – 1.30pm	*Lunch*	
1.30 – 3.00pm	Hypothesis Testing I · Parametric	
3.00 – 3.45pm	*Break Time*	
3.45 – 5.00pm	Hypothesis Testing II · Non-parametric	

Day 3 (26th July)

9.15 – 10.15am	Correlation	Asst Prof Marie Loh + Asst Prof Yew Yik Weng
10.15 – 10.30am	*Break*	
10.30am – 12.00pm	Regression Analysis I	
	· Linear Regression	
12.00pm - 1.00pm	*Lunch*	
1.00 – 2.30pm	Regression Analysis II · Logistic Regression	
2.30 – 2.45pm	*Break*	
2.45 – 5.00pm	Regression Analysis I and II · Hands-on	

Day 4 (27th July)

9.15am – 10.30am	Regression Analysis II · Hands-on/Sharing (15 mins per pair)	Asst Prof Marie Loh + Asst Prof Yew Yik Weng
10.30 – 10.45am	*Break*	
10.45 – 11.45am	Time-To-Event Analysis · Kaplan-Meier and Cox Regression	
11.45 – 12.15pm	Sample Size and Power Calculations	
12.15 – 1.15pm	*Lunch*	
1.15 – 2.30pm	Group work (find a paper, comment/criticise on study design and statistical analyses methods)	
2.30 – 3.45pm	Group work (share findings)	
3.45 – 4.00pm	*Break*	
4.00 – 5.00pm	Introduction to Omics	Asst Prof Marie LOH

Day 5 (28th Jul)

9.15 – 10.30am	Genetics - Genome-wide association study (GWAS) theory and case study	Asst Prof Marie LOH
10.30 – 12.00pm	GWAS demo/hands-on	Dr NG Hong Kiat