

DISCRETE CHOICE ANALYSIS  
INSTITUTE OF TRANSPORT AND LOGISTICS STUDIES  
24 JUNE – 28 JUNE 2024

The course will be run in the Codrington Building (H69) at The University of Sydney.  
This is located at [21-23 Codrington St, Darlington NSW 2008](#)

Day 1 – Monday 24 June			
From 8:00 am	Registration		Lab 1 H69
9:00 – 10:30 am	<b>Lecture</b>	Introduction to discrete choice theory	Lab 1 H69
10:30 – 11:00 am	Morning break		Room 5020 H70
11:00am – 12:30pm	<b>Lecture</b>	Data, choice experiments and surveys I	Lab 1 H69
12:30 – 1:30 pm	Lunch		Room 5020 H70
1:30 – 3:00 pm	<b>Lecture</b>	Data, choice experiments and surveys II	Lab 1 H69
3:00 – 3:30 pm	Afternoon break		Room 5020 H70
3:30 – 5:00 pm	<b>Lecture</b>	Model estimation: The MNL model	Lab 1 H69
Day 2 – Tuesday 25 June			
9:00 – 10:30 am	<b>Workshop</b>	Model estimation: The MNL model	Lab 1 H69
10:30 – 11:00 am	Morning break		Room 5020 H70
11:00am – 12:30pm	<b>Workshop</b>	Interpreting model outputs	Lab 1 H69
12:30 – 1:30 pm	Lunch		Room 5020 H70
1:30 – 3:00 pm	<b>Lecture</b>	Orthogonal designs for choice experiments	Lab 1 H69
3:00 – 3:30 pm	Afternoon break		Room 5020 H70
3:30 – 5:00 pm	<b>Workshop</b>	Design generation for choice experiments	Lab 1 H69
5:00 pm – 6:00 pm	<b>Networking</b>	TBC	
Day 3 – Wednesday 26 June			
9:00 – 10:30 am	<b>Lecture</b>	Model estimation: The Mixed logit model	Lab 1 H69
10:30 – 11:00 am	Morning break		Room 5020 H70
11:00am – 12:30pm	<b>Workshop</b>	Model estimation: The Mixed logit model	Lab 1 H69
12:30 – 1:30 pm	Lunch		Room 5020 H70
1:30 – 3:00 pm	<b>Lecture</b>	Efficient designs for choice experiments	Lab 1 H69
3:00 – 3:30 pm	Afternoon break		Room 5020 H70
3:30 – 5:00 pm	<b>Workshop</b>	Efficient designs for choice experiments	Lab 1 H69
Day 4 – Thursday 27 June			
9:00 – 10:30 am	<b>Lecture</b>	Scale, Willingness to Pay and WTP-space models	Lab 1 H69
10:30 – 11:00 am	Morning break		Room 5020 H70
11:00am – 12:30pm	<b>Workshop</b>	Scale, Willingness to Pay and WTP-space models	Lab 1 H69
12:30 – 1:30 pm	Lunch		Room 5020 H70
1:30 – 3:00 pm	<b>Lecture</b>	Advanced experimental design	Lab 1 H69
3:00 – 3:30 pm	Afternoon break		Room 5020 H70
3:30 – 5:00 pm	<b>Workshop</b>	Advanced experimental design	Lab 1 H69
Day 5 – Friday 28 June			
9:00 – 10:30 am	<b>Lecture</b>	Latent class models	Lab 1 H69
10:30 – 11:00 am	Morning break		Room 5040 H70
11:00am – 12:30pm	<b>Workshop</b>	Latent class models	Lab 1 H69
12:30 – 1:30 pm	Lunch		TBC
1:30 – 2:30 pm	<b>Lecture</b>	Hybrid choice models	Lab 1 H69
2:30 – 3:00 pm	Afternoon break		TBC
3:00 – 5:00 pm	<b>Lecture, Q and A and closure</b>	Advanced topics and Q and A	Lab 1 H69