

DISCRETE CHOICE ANALYSIS
INSTITUTE OF TRANSPORT AND LOGISTICS STUDIES
17 JULY – 21 JULY 2023

The course will be run in the Abercrombie Building (H70) at The University of Sydney.
 This is located on the corner of Abercrombie and Codrington Streets, Darlington, NSW, 2006.

Day 1 – Monday 17 July			
From 8:00 am	Registration		Room 5020
9:00 – 10:30 am	Lecture	Introduction to discrete choice theory	Lecture theatre 1170
10:30 – 11:00 am	Morning break		Room 5020
11:00am – 12:30pm	Lecture	Data, choice experiments and surveys I	Lecture theatre 1170
12:30 – 1:30 pm	Lunch		Room 5020
1:30 – 3:00 pm	Lecture	Data, choice experiments and surveys II	Lecture theatre 1170
3:00 – 3:30 pm	Afternoon break		Room 5020
3:30 – 5:00 pm	Lecture	Model estimation: The MNL model	Lecture theatre 1170
5:00 pm – 7:00pm	Networking reception	Welcome and networking reception, with finger food and drinks	Room 5020
Day 2 – Tuesday 18 July			
9:00 – 10:30 am	Workshop	Model estimation: The MNL model	Learning studio 1090
10:30 – 11:00 am	Morning break		Room 5020
11:00am – 12:30pm	Workshop	Interpreting model outputs	Learning studio 1090
12:30 – 1:30 pm	Lunch		Room 5020
1:30 – 3:00 pm	Lecture	Orthogonal designs for choice experiments	Lecture theatre 1170
3:00 – 3:30 pm	Afternoon break		Room 5020
3:30 – 5:00 pm	Workshop	Design generation for choice experiments	Learning studio 1090
Day 3 – Wednesday 19 July			
9:00 – 10:30 am	Lecture	Model estimation: The Mixed logit model	Lecture theatre 1170
10:30 – 11:00 am	Morning break		Room 5020
11:00am – 12:30pm	Workshop	Model estimation: The Mixed logit model	Learning studio 1090
12:30 – 1:30 pm	Lunch		Room 5020
1:30 – 3:00 pm	Lecture	Efficient designs for choice experiments	Lecture theatre 1170
3:00 – 3:30 pm	Afternoon break		Room 5020
3:30 – 5:00 pm	Workshop	Efficient designs for choice experiments	Learning studio 1090
Day 4 – Thursday 20 July			
9:00 – 10:30 am	Lecture	Scale, Willingness to Pay and WTP-space models	Lecture theatre 1170
10:30 – 11:00 am	Morning break		Room 5020
11:00am – 12:30pm	Workshop	Scale, Willingness to Pay and WTP-space models	Learning studio 1090
12:30 – 1:30 pm	Lunch		Room 5020
1:30 – 3:00 pm	Lecture	Advanced experimental design	Lecture theatre 1170
3:00 – 3:30 pm	Afternoon break		Room 5020
3:30 – 5:00 pm	Workshop	Advanced experimental design	Learning studio 1090

Day 5 – Friday 21 July

9:00 – 10:30 am	Lecture	Latent class models	Lecture theatre 1170
10:30 – 11:00 am	Morning break		Room 5020
11:00am – 12:30pm	Workshop	Latent class models	Learning studio 1090
12:30 – 1:30 pm	Lunch		Room 5020
1:30 – 3:00 pm	Lecture	Advanced choice model topics	Lecture theatre 1170
3:00 – 3:30 pm	Afternoon break		Room 5020
3:30 – 5:00 pm	Lecture, Q and A and closure	Summary and Q and A	Lecture theatre 1170

