Acoustics Research Unit, University of Liverpool

Monday morning		
Registration and Welcome	Coffee (in ARU laboratory)	9.15 – 9.30am
Lecture 1	The characteristics of sound waves and the decibel system	9.30 – 10.45am
Lecture 2	The frequency content of sounds. Sound propagation Room	11.15 – 12.30pm
Monday afternoon		
Lecture 3	Instrumentation for environmental noise measurement	1.30 – 2.30pm
Lab. Class 1	Octave band analysis	3.00 – 5.00pm
Tutorial and problem class		5.00 – 6.00pm
Tuesday morning		
Lecture 4	Time varying noise levels Room	9.30–10.45am
Lecture 5	The effects of noise on people: noise criteria	11.15–12.30pm
Tuesday afternoon		
Lecture 6	Noise control legislation and planning guidance	1.30 –2.30pm
Lab. Class 2	Statistical analysis of time varying noise LA10, LA90, LAeq,	2.45 –5.00pm
Tutorial and problem class		5.00 - 6.00pm
Wednesday morning		
Lecture 7	Environmental noise control in practice	9.30 – 10.30am
Fieldwork exercise 1	Rating industrial noise BS4142	11.00–1.00pm
Wednesday afternoon		
Analysis of measurement data	BS4142 rating. Interpretation of data. Report preparation.	2.00 –3.30pm
Lecture 8	Outdoor noise prediction	4.00 –5.00pm
Thursday morning		
Lecture 9	Noise control	9.30–10.45am
Demonstration	Acoustic enclosures	11.00–11.30am
Lecture 10	PLanning to control noise for dwellings	11.30–12.30pm
Thursday afternoon		
Fieldwork exercise 2	Planning and Noise PPG24. Noise exposure categories of land for residential development near a motorway	1.30–3.45pm
Tutorial and problem class/practical tests		4.00–8.00pm
Friday morning		
Revision and problem tutorial		9.30–12.30pm
Friday afternoon		
Examination		2.00–4.30pm