



Applied Multivariate Analysis (S04)

11 – 22 August 2025

Course Director: *Dr. David Hessen*

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Week 1 (11-15 August 2025)

Day	Time	Type	Description	Location
Monday	10:00 – 12:30	Lecture	Introduction and two sample t-test	Utrecht Science Park, exact location to be announced
	12:30 - 14:00	Lunch break		
	14:00 - 17:00	Computer lab		
Tuesday	09.00 - 10.00	Discussion meeting		
	10:00 - 12:30	Lecture	One-way ANOVA	
	12:30 - 14:00	Lunch break		
	14:00 - 17:00	Computer lab		
Wednesday	09.00 - 10.00	Discussion meeting		
	10:00 - 12:30	Lecture	Two-way ANOVA	
	12:30 - 14:00	Lunch break		
	14:00 - 17:00	Computer lab		
Thursday	09.00 - 10.00	Discussion meeting		
	10:00 - 12:30	Lecture	Multiple linear regression	
	12:30 - 14:00	Lunch break		
	14:00 - 17:00	Computer lab		
Friday	09:00 - 10:00	Discussion meeting		
	10.00 - 12.30	Lecture	ANCOVA	
	12:30 - 14:00	Lunch break		
	14:00 - 17:00	Computer lab		



Week 2 (18 – 22 August 2025)

Day	Time	Type	Description	Location
Monday	09.00 - 10.00	Discussion meeting		
	10:00 - 12:30	Lecture	Advanced linear regression	
	12:30 - 14:00	Lunch break		
	14:00 - 17:00	Computer lab		
Tuesday	09.00 - 10.00	Discussion meeting		
	10:00 - 12:30	Lecture	MANOVA	
	12:30 - 14:00	Lunch break		
	14:00 - 17:00	Computer lab		
Wednesday	09.00 - 10.00	Discussion meeting		
	10:00 - 12:30	Lecture	Repeated measures	
	12:30 - 14:00	Lunch break		
	14:00 - 17:00	Computer lab		
Thursday	09.00 - 10.00	Discussion meeting		
	10:00 - 12:30	Lecture	Logistic regression	
	12:30 - 14:00	Lunch break		
	14:00 - 17:00	Computer lab		
Friday	09.00 - 10.00	Discussion meeting		
	10.00 - 12.30	Lecture	Principal component analysis	
	12:30 - 14:00	Lunch break		
	14:00 - 17:00	Computer lab		