

Course schedule for: Mathematical Modelling of Infectious Diseases



6 - 17 July 2026

Day	Date	Start	End	Location	Room	Subject	Instructor
Mo	6-jul	09.00	09.30	HvdB	2.04	Course aims and organization	Ganna Rozhnova
		09.30	10.30			Historical remarks and introduction	Martin Bootsma
		10.30	11.00			<i>coffee break</i>	
		11.00	12.00			Historical remarks and introduction	Martin Bootsma
		12.00	13.00			<i>Lunch</i>	
		13.00	14.30			Mathematical modeling (deterministic SIR, R0)	Egil Fischer
		14.30	15.30			Mathematical modeling (deterministic SIR, R0)	Selfstudy
		15.30	17.00			Time to work on group assignment	
Tu	7-jul	09.00	10.30	HvdB	2.04	Mathematical modeling (deterministic SIR, R0)	Egil Fischer
		10.30	12.00			Time to work on group assignment	
		12.00	13.00			<i>Lunch</i>	
		13.00	15.45			Workshop modelling I	Egil Fischer/Myrthe Willemsen/Giske Lagerweij
		16.00	17.00			Mathematical modeling (stochastic SIR, final size)	Martin Bootsma
We	8-jul	09.00	11.00	HvdB	2.04	Mathematical modeling (stochastic SIR, final size)	Martin Bootsma
		11.00	12.00			Time to work on group assignment	
		12.00	13.00			<i>Lunch</i>	
		13.00	15.00			R0 estimation	Egil Fischer/Myrthe Willemsen/Giske Lagerweij
		15.00	17.00			Time to work on group assignment	
Th	9-jul	09.00	12.00	HvdB	2.04	Workshop modelling II	Martin Bootsma/Myrthe Willemsen/Giske Lagerweij
		12.00	13.00			<i>Lunch</i>	
		13.00	15.00			Modelling childhood infections	Sasha Teslya
		15.15	17.00			Time to work on group assignment	
Fri	10-jul	09.00	12.00	HvdB	2.04	Population heterogeneity: models and R0	Ganna Rozhnova
		12.00	13.00			<i>Lunch</i>	
		13.00	14.00			Finishing presentations	
		14.00	17.00			Presentations of participants	All teachers

HvdB = Hijmans van de Berg building

Course schedule for: Mathematical Modelling of Infectious Diseases



6 - 17 July 2026

Day	Date	Start	End	Location	Room	Subject	Instructor
Mo	13-jul	09.00 12.00	12.00 13.00	HvdB	2.04	Household models and transmission experiments <i>Lunch</i>	Michiel van Boven
		13.00 14.30	14.30 15.00			Introduction of new group assignment <i>Coffee break</i>	Supervisors: E. Fischer, M. van Boven, S. Teslya, M. Willemsen, G. Lagerweij, G. Rozhnova, M. Satore, J. Roberts
		15.00 17.00	17.00			Time to work on group assignment	
Tu	14-jul	09.00 10.00	10.00 12.30	HvdB	2.04	Lecture: Mathematical modelling for public health Time to work on group assignments	Myrthe Willemsen
		12.30 13.30	13.30 14.30			<i>Lunch</i> Lecture: Modelling spatial spread	Thomas Hagenaars
		14.30 17.00	17.00			Time to work on group assignments	
We	15-jul	9.00 11.00	11.00 12.00	AZU HvdB	CLZ-1 2.04	Exam Time to work on group assignment	Myrthe Willemsen, Ganna Rozhnova
		12.00 13.00	13.00 16.00			<i>Lunch</i> Time to work on group assignment	
		13.00 16.00	16.00 17.00			Q&A session if needed	
Thu	16-jul	09.00 11.00	11.00 12.00	HvdB	2.05	Lecture: Pair formation and STI modelling Time for work on group assignment	Sasha Teslya
		12.00 13.00	13.00 17.00			<i>Lunch</i> Time for work on group assignment	
Fri	17-jul	10.00 12.00	12.00 13.00	HvdB	2.06	Finishing presentations <i>Lunch</i>	
		13.00 16.00	16.00 17.00	HvdB	2.04	Presentations of participants Final remarks, closure and drinks	All teachers
We	29-jul	09.00	11.00	AZU	CLZ-1	Re-exam	Jacob Roberts, Ganna Rozhnova