Week One June 11 – June 15

	M	T	W	Th	F
9:00-9:30	Fritz Hahne Welcome	Review and discussion of previous day's material: EL and JLS			
9:30-10:30	JLS: Intro to infectious diseases	EL III: SEIR model?	JLS: Disease control	EL VI HIV models	JLS: Sensitivity and uncertainty analysis
10:30-10:45	Break	Break	Questionnaires	Break	Break
10:45-12:15	JLS (lecture): Intro to epidemic models	EL: exercises on SIR/SEIR analysis?	JLS (group-work): Designing models	Fred Roberts Graph Theory Models	JLS (group-work): Exploring models and communicating results
12:15-2:00	Lunch	Lunch	Lunch	Lunch	Lunch
2:00-3:00	EL I: Nonlinear systems	JLS: Incidence functions and thresholds	EL IV Determination of R_0	JLS: Macroparasites OR discrete-time models?	EL VIII HIV + TB models
3:00-3:15	Break	Break	Break	Break	Break
3:15-4:15	EL II: SIR model	JLS: Parameter estimation	EL V Host vector models	EL VII HIV + Treatment	EL Exercises
4:15-6:00	All computer labs conducted jointly by EL and JLS			Project Session	computer lab

Week Two June 18 – June 22

	M	T	W	Th	F
9:00-9:30	Review and discussion of previous day's material				
9:30-10:30	SL Intro to Optimal Control	SL Linear in Controls	JD lecture 2	WG lecture 1	AG lecture 2
10:30-10:45	Break	Break	Break	Break	Break
10:45-11:45	SL Adjoints and Num Algorithms	SL computer lab SEIR example and HIV example	computer lab or group work	Martin Meltzer	Martin Meltzer
11:45-12:15	Lunch				
12:15-1:45		Lunch	Lunch	Lunch	Group Photo Lunch
1:45-2:00	SL computer lab Simple control ex. and cancer ex.				
2:00-3:00		SL Discrete Models	JD lecture 3	WG lecture 2	AG lecture 3
3:00-3:15	Break	Break	Break	Break	Break
3:15-4:15	SL Systems and Control Bounds	JD lecture 1	JD lecture 4	AG lecture 1	Wrap Up Questionnaires
4:15-6:00	Project Session SL, JLS, EL	Computer lab or group work		Short Project Session and lab or group work	