

Revised timetable

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
09-11	Welcome. Practical info. Course overview. <i>Fiksen, Jørgensen</i>	Dynamic programming <i>Fiksen, Jørgensen</i>	Small-scale predator-prey processes <i>Visser</i>	Bio-hydro-dynamics <i>Jonsson</i>	Adaptations to flow <i>Jonsson</i>	10-11: Late breakfast	Modelling fisheries-induced evolution Adaptive dynamics models <i>Ernande</i>
11-13	Global circulation models <i>Drange</i>	Life in fluids and water column processes <i>Visser</i>	Individual-based models <i>Huse, Strand</i>	Adaptive dynamics I: Theory <i>Dieckmann</i>	Adaptive dynamics II: Theory, applications, function-valued traits <i>Dieckmann</i>		
						General life history theory <i>Ernande, Heino</i>	Maturation reaction norms <i>Heino</i>
							Case studies <i>Heino</i>
13-14	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
14-16	Bio-geo-chemical models <i>Heinze</i>	Workshops 1: Matlab <i>Visser</i> 2: Dyn. progr. <i>Fiksen, Jørgensen</i>	Workshops 1: Matlab <i>Visser</i> 2: Dyn. progr. <i>Fiksen, Jørgensen</i>	Workshops: 3: ING <i>Huse, Strand</i> 4: Adapt. dyn. <i>Ernande, Dieckmann</i>	Workshops: 3: ING <i>Huse, Strand</i> 4: Adapt. dyn. <i>Ernande, Dieckmann</i>	General life history theory <i>Ernande, Heino</i>	Workshop 5: Estimating fisheries-induced evolution <i>Heino</i>
						Modelling fisheries-induced evolution: Overview <i>Dieckmann</i>	
16-18	Student presentations, discussions and questions.	Student presentations, discussions and questions.	Student presentations, discussions and questions.	Student presentations, discussions and questions.	<i>Dinner in Bergen</i>	Student presentations, discussions and questions.	Discussion: Methods for evolutionary modelling
18-	Dinner	Dinner	Dinner	Dinner		Dinner	Dinner

Workshops (to be taught in parallel sessions to reduce group size):

- 1: Using Matlab software (*Visser*).
- 2: Dynamic programming models (*Jørgensen, Fiksen*).
- 3: Individual-based neural-network genetic-algorithm models (*Strand, Huse*).
- 4: Adaptive dynamics models (*Ernande, Dieckmann*).
- 5: Estimating fisheries-induced evolution (*Heino*).