Population and Community Ecology
Computer lab and discussion schedule

Th 10:00AM - 12:00PM 2230 USB
Fr 2:00PM - 4:00PM 3265 USB

Date		week		
Sept	**8-9**	*1*	COMPUTER	Introduction to R, R-Studio, R markdown
			DISCUSSION	Roles of theory and natural history in ecology
	15-16	*2*	COMPUTER	Exponential and logistic growth
			DISCUSSION	Population regulation
	22-23	*3*	COMPUTER	Interspecific competition
			DISCUSSION	Testing competition in the field
	29-30	*4*	COMPUTER	Predator-prey dynamics
			DISCUSSION	Predator-prey dynamics
Oct	**6-7**	*5*	COMPUTER	Resource competition
			DISCUSSION	Indirect effects and food webs
	13-14	*6*	COMPUTER	Review
			DISCUSSION	Trait-mediated indirect effects
	20-21	*7*	COMPUTER	Life history
			DISCUSSION	Life history
	27-28	*8*	COMPUTER	Disease ecology
			DISCUSSION	Complex dynamics
Nov	**3-4**	*9*	COMPUTER	Structured population dynamics
			DISCUSSION	Storage effect
	10-11	*10*	COMPUTER	Metapopulations
			DISCUSSION	Field demography and population dynamics
	17-18	*11*	COMPUTER	Metacommunities
			DISCUSSION	Assessing contributions of equalizing and stabilizing forces
	24-25			THANKSGIVING BREAK
Dec	**1-2**	*12*	COMPUTER	Trait patterns
			DISCUSSION	Traits and community structure