

HV0167 Animal genetics - health, behaviour and welfare								
<u>All course activities will be online</u>								
Compulsory course activities in bold						Course leader: Anna Silvera anna.silvera@slu.se		
Week	Date	Day	Time	Activity	Teacher	Course moment		Literature ref.no.
12	2021-03-24	Wednesday	9.15-9.45	Course introduction	AS	Course introduction and practicalities	Zoom	
	2021-03-24	Wednesday	10.00-12.00	Lecture	GA	Genomics, basics	Zoom	
	2021-03-25	Thursday	10.00-12.00	Lecture	AS	Recording behaviour and disease	Zoom	9, 10
	2021-03-25	Thursday		Lecture	ES	Statistical analyses, basics. <i>Recorded video</i>	Canvas	39
	2021-03-26	Friday	10.00-12.00	Lecture	KA	Epidemiology	Zoom	23
13	2021-03-29	Monday	10.00-11.30	Discussion	ES	Statistical analyses, basics. Questions and discussion on recorded lecture.	Zoom	39
	2021-03-30	Tuesday	10.00-12.00	Lecture	AS	Animal breeding, basics	Zoom	26, 40
	2021-03-31	Wednesday				Quiz Genetics	Canvas	
	2021-03-31	Wednesday				Quiz Statistical analyses	Canvas	
	2021-04-01	Thursday				<i>Time for own studies</i>		
	2021-04-02	Friday	EASTER HOLIDAY					
14	2021-04-05	Monday	EASTER HOLIDAY					
	2021-04-06	Tuesday	10.00-12.00	Lecture	AS	Ethology, basics	Zoom	13, 29
	2021-04-07	Wednesday	10.00-12.00	Lecture	LK	Animal welfare, basics	Zoom	21
	2021-04-08	Thursday	13.00-15.00	Lecture	LR	Estimation of genetic parameters for behaviour and health	Zoom	16
	2021-04-09	Friday	9.15-12.00	Group work		Case group work	Organized by students	2, 12, 18, 28
15	2021-04-12	Monday	13.00-14.30	Discussion	AS	Check point: Case group work Step 1	Zoom	
	2021-04-13	Tuesday	9.15-15.00	Exercise	ES	Computer exercise 1.1	Zoom	20
	2021-04-13	Tuesday				Quiz Ethology and Animal welfare	Canvas	
	2021-04-14	Wednesday				Quiz Animal breeding	Canvas	
	2021-04-15	Thursday				<i>Time for own studies</i>		
	2021-04-16	Friday	9.15-12.00	Group work		Case group work	Organized by students	

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16	2021-04-19	Monday	9.15-12.00	Discussion	AS	Discussion individual project idea	Zoom	38	
	2021-04-20	Tuesday	9.15-15.00	Exercise	ES	Computer exercise 1.2	Zoom		
	2021-04-21	Wednesday	9.15-12.00	Group work		Case group work	Organized by students		
	2021-04-21	Wednesday				Hand in report: Case group work Step 1 13.00	Canvas		
	2021-04-22	Thursday	09.00-16.00	Report	LR	Presentations: Case group work Step 1	Zoom	32	
	2021-04-23	Friday				Hand in computer exercise 1	Canvas		
17	2021-04-26	Monday	10.00-12.00	Lecture	GA	Molecular genetics I	Zoom	8, 17, 33, 35	
	2021-04-27	Tuesday	10.00-12.00	Lecture	TB	Molecular genetics II	Zoom	30, 31, 34, 36	
	2021-04-28	Wednesday	13.00-15.00	Lecture	GA	Epigenetics	Zoom	15	
	2021-04-29	Thursday	13.00-15.00	Lecture	LR	Genetic evaluation	Zoom	3	
	2021-04-30	Friday	VALBORG (Holiday)						
18	2021-05-03	Monday	10.00-12.00	Lecture	LR	Selection I	Zoom	14, 22	
	2021-05-03	Monday	13.00-16.00	Group work		Case group work	Organized by students		
	2021-05-04	Tuesday	9.15-15.00	Exercise	ES	Computer exercise 2.1	Zoom		
	2021-05-05	Wednesday	9.15-15.00	Exercise	ES	Computer exercise 2.2	Zoom		
	2021-05-06	Thursday	13.00-15.00	Lecture	LR	Selection II	Zoom	5, 6, 37	
	2021-05-07	Friday	10.00-11.30	Discussion	GA	Check point: Case group work Step 2	Zoom		
	2021-05-07	Friday		Group discussion		Discussion about genetic evaluation of dogs	Organized by students		
19	2021-05-10	Monday	10.00-12.00	Lecture	DJK	From single genes to genomic selection	Zoom	4	
	2021-05-10	Monday				Hand in computer exercise 2	Canvas		
	2021-05-11	Tuesday	10.00-10.30	Lab tour	TV	Online guided tour of the genomic lab	Zoom/Canvas		
	2021-05-11	Tuesday	13.00-16.00	Group work		Case group work	Organized by students		
	2021-05-12	Wednesday	10.00-12.00	Lecture	LR	Breeding program I	Zoom	7, 19	
	2021-05-12	Wednesday		Group work		Case group work	Organized by students		
	2021-05-13	Thursday	Kristi himmelfärdsdag (Holiday)						
	2021-05-14	Friday							

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20	2021-05-17	Monday	10.00-12.00	Lecture	LR	Breeding program II	Zoom	11, 25	
	2021-05-17	Monday				Hand in individual project draft			
	2021-05-18	Tuesday				Hand in report: Case group work Step 2 13.00	Canvas		
	2021-05-19	Wednesday	9.00-15.00	Report	GA	Presentations: Case group work Step 2	Zoom		
	2021-05-20	Thursday		Group work		Case group work			
	2021-05-20	Thursday				<i>Feedback individual project draft</i>	E-mail		
	2021-05-21	Friday				<i>Time for own studies</i>			
21	2021-05-24	Monday	10.00-11.30	Discussion	AS	Check point: Case group work Step 3	Zoom		
	2021-05-24	Monday		Group work		Case group work	Organized by students		
	2021-05-25	Tuesday		Lecture	<i>NN</i>	Lecture	Zoom		
	2021-05-26	Wednesday	9.15-12.00	Group work		Case group work	Organized by students		
	2021-05-27	Thursday				<i>Time for own studies</i>			
	2021-05-28	Friday				Hand in individual project final 15.00			
22	2021-05-31	Monday				Hand in report: Case group work Step 3 13.00			
	2021-06-01	Tuesday	9.00-15.00	Report	LR	Presentations: Case group work Step 3	Zoom		
	2021-06-02	Wednesday				Hand in application evaluations	Canvas		
	2021-06-03	Thursday	09.15-16.00	Report	AS	Individual project report and discussion	Zoom		
	2021-06-04	Friday	9.15-16.00	Report	AS	Individual project report and discussion + Course evaluation	Zoom		
						Teachers			
						AS Anna Silvera			
						GA Göran Andersson			
						ES Erling Strandberg			
						KA Karin Alvsén			
						LR Lotta Rydhmer			
						LK Linda Keeling			
						TB Tomas Bergström			
						DJK Dirk-Jan de Koning			
						TV Tytti Vanhala			