

HV0167 Animal genetics - health, behaviour and welfare – preliminary schedule

Note that most course activities are scheduled on Campus

Compulsory course activities in bold

Course leader: Åsa Ohlsson asa.ohlsson@slu.se

Week	Date	Day	Time	Activity	Teacher	Course moment	Location	Literature ref.no.
12	2022-03-24	Thursday	9:15-9:45	Course introduction	ÅO	Course introduction and practicalities	Sal R (Ulls Hus)/Zoom	
	2022-03-24	Thursday	10:00-12:00	Lecture	GA	Genomics, basics	Sal R (Ulls Hus)/Zoom	
	2022-03-25	Friday	10:00-12:00	Lecture	LR	Recording behaviour and disease	Sal R (Ulls Hus)/Zoom	9, 10
				Lecture	ES	Statistical analyses, basics. <i>Recorded video</i>	Canvas	39
13	2022-03-28	Monday	10:00-11:30	Discussion	ES	Statistical analyses, basics. Questions and discussion on recorded lecture.	Sal U (Ulls Hus)/Zoom	39
	2022-03-29	Tuesday	13:00-15:00	Lecture	KA	Epidemiology	Sal Q (VHC)/Zoom	23
	2022-03-30	Wednesday				Quiz Genomics	Canvas	
						Quiz Statistical analyses	Canvas	
	2022-03-31	Thursday	10:00-12:00	Lecture	LR	Animal breeding, basics	Sal R (Ulls Hus)/Zoom	26, 40
	2022-04-01	Friday	9:00-16:00			<i>Time for own studies</i>		
						Quiz Animal Breeding	Canvas	
14	2022-04-04	Monday	13:00-15:00	Lecture	?	Ethology, basics	Sal X (Ulls Hus)/Zoom	13
	2022-04-05	Tuesday	10:00-12:00	Lecture	LK	Animal welfare, basics	Sal U (Ulls Hus)/Zoom	21, 24
	2022-04-06	Wednesday	10:00-12:00	Lecture	LR	Estimation of genetic parameters for behaviour and health	Sal U (Ulls Hus)/Zoom	16
	2022-04-07	Thursday	9:15-16:00	Exercise	ES	Computer exercise 1.1.	Sal A241 (BioC)/Zoom	20
	2022-04-08	Friday	9:15-12:00	Group work		Case group work Step 1 (1 st)	Organized by students	2, 12, 18, 28
15	2022-04-11	Monday	9:15-16:00	Exercise	ES	Computer exercise 1.2.	Sal X (Ulls Hus)/Zoom	16
	2022-04-12	Tuesday	9:15-11:00	Discussion	ÅO	Check point: Case group work Step 1	Ratatosk (VHC)/Zoom	
			13:00-16:00	Group work		Case group work Step 1 (2 nd)	Organized by students	
						Quiz Ethology and Animal welfare	Canvas	
	2022-04-13	Wednesday	9:15-12:00	Discussion	ÅO	Discussion individual project idea	Sal U (Ulls Hus)/Zoom	38
	2022-04-14	Thursday	9:00-16:00			<i>Time for own studies</i>		
	2022-04-15					EASTER HOLIDAY		

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16	2022-04-18	Monday	EASTER HOLIDAY						
	2022-04-19	Tuesday	9:15-12:00	Group work		Case group work Step 1 (3 rd)	Organized by students		
	2022-04-20	Wednesday				Hand in report: Case group work Step 1 13:00	Canvas		
	2022-04-21	Thursday	09:15-12:00	Report	LR	Presentations: Case group work Step 1	Sal U (Ulls Hus)/Zoom	32	
	2022-04-22	Friday	09:15-12:00	Report	LR	Presentations: Case group work Step 1	Sal Y (Ulls Hus)/Zoom	32	
						Hand in computer exercise 1	Canvas		
17	2022-04-25	Monday	10:00-12:00	Lecture	GA	Molecular genetics I	Sal R (Ulls Hus)/Zoom	8, 17, 27, 33, 35	
	2022-04-26	Tuesday	10:00-12:00	Lecture	TB	Molecular genetics II	Sal X (Ulls Hus)/Zoom	30, 31, 34, 36	
	2022-04-27	Wednesday	10:00-12:00	Lecture	GA	Epigenetics	Sal X (Ulls Hus)/Zoom	15	
	2022-04-28	Thursday	13:00-15:00	Lecture	LR	Genetic evaluation	Sal U (Ulls Hus)/Zoom	37	
	2022-04-29	Friday	9:15-12:00	Group work		Case group work Step 2 (1 st)	Organized by students		
18	2022-05-02	Monday	10:00-12:00	Lecture	LR	Selection I	Ratatosk (VHC)/Zoom	14, 22	
	2022-05-03	Tuesday	9:15-15:00	Exercise	ES	Computer exercise 2.1	Sal Q (Ulls Hus)/Zoom		
	2022-05-04	Wednesday	10:00-12:00	Lecture	LR	Selection II	Sal X (Ulls Hus)/Zoom	5, 6	
	2022-05-05	Thursday	9:15-15:00	Exercise	ES	Computer exercise 2.2	Ratatosk (VHC)/Zoom		
	2022-05-06	Friday	10:00-11:30	Discussion	GA	Check point: Case group work Step 2	Ratatosk (VHC)/Zoom		
			13:00-15:00	Group discussion		Discussion about genetic evaluation of dogs	Organized by students	1	
19	2022-05-09	Monday	13:00-15:00	Lecture	DJK	From single genes to genomic selection	Ratatosk (VHC)/Zoom	4	
	2022-05-09	Monday				Hand in computer exercise 2	Canvas		
	2022-05-10	Tuesday	13:00-13:30	Lab tour	TV	Online guided tour of the genomic lab	Zoom/Canvas		
			13:30-16:00	Group work		Case group work Step 2 (2 nd)	Organized by students		
	2022-05-11	Wednesday	10:00-12:00	Lecture	LR	Breeding program I	Ratatosk (VHC)/Zoom	7, 19, 3	
	2022-05-12	Thursday	9:00-16:00			<i>Time for own studies</i>			
	2022-05-14	Friday	9:15-12:00	Group work		Case group work Step 2 (3 rd)	Organized by students		

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20	2022-05-16	Monday	10:00-12:00	Lecture	LR	Breeding program II	Ratatosk (VHC)/Zoom	11, 25	
Hand in individual project draft									
	2022-05-17	Tuesday	10:00-12:00	Lecture	JP	Breeding program: Fur animals	Not set yet /Zoom		
		Tuesday				Hand in report: Case group work Step 2	Canvas		
	2022-05-18	Wednesday				<i>Time for own studies</i>			
	2022-05-19	Thursday	13:00-15:00	Lecture	ÅO	Learning outcomes from international health programs in cats	Ratatosk (VHC)/Zoom	40, 41	
<i>Feedback individual project draft</i>							E-mail		
	2022-05-20	Friday	9:15-15:00	Report	GA	Presentations: Case group work Step 2	Ratatosk (VHC)/Zoom		
21	2022-05-23	Monday	9:00-12:00	Group work		Case group work Step 3 (1 st)	Organized by students		
	2022-05-24	Tuesday	9:15-11:30	Discussion	ÅO	Check point: Case group work Step 3	Ratatosk (VHC)/Zoom		
			13:00-16:00	Group work		Case group work Step 3 (2 nd)	Organized by students		
	2022-05-25	Wednesday	9:15-12:00	Group work		Case group work Step 3 (3 rd)	Organized by students		
	2022-05-26	Thursday	Kristi himmelsfärdsdag (Holiday)						
	2022-05-27	Friday	Hand in individual project final 15:00						
22	2022-05-30	Monday	Hand in report: Case group work Step 3 13:00						
	2022-05-31	Tuesday	9:00-15:00	Report	LR	Presentations: Case group work Step 3	Sal Q (Ulls Hus)/Zoom		
	2022-06-01	Wednesday	Hand in application evaluations						Canvas
	2022-06-02	Thursday	9:15-16:00	Report	ÅO	Individual project report and discussion	Ratatosk (VHC)/Zoom		
	2022-06-03	Friday	9:15-16:00	Report	ÅO	Individual project report and discussion + Course evaluation	Ratatosk (VHC)/Zoom		

Teachers

ÅO	Åsa Ohlsson	TB	Tomas Bergström
GA	Göran Andersson	JP	Jussi Perua
ES	Erling Strandberg	DJK	Dirk-Jan de Koning
KA	Karin Alvåsen	TV	Tytti Vanhala
LR	Lotta Rydhmer		
LK	Linda Keeling		

