

HV0167 Animal genetics - health, behaviour and welfare - **PRELIMINARY**

Note that most course activities are scheduled on Campus

Course leader: Åsa Ohlsson

Compulsory course activities in bold

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Week	Date	Day	Time	Activity	Teacher	Course moment	Location	Literature ref.no.
13	2025-03-25	Tuesday	9:15-10:00	Course introduction	ÅO	Course introduction and practicalities	Ulls Hus, Sal R	
			10:15-12:00	Lecture	ÅO	Learning outcomes from international health programs in cats	Ulls Hus, Sal R	1,2
	2025-03-26	Wednesday	8:00-12:00			<i>Time for own studies</i>		
						Quiz Genomics/Statistical analyses/Animal breeding	Canvas	3,4,5
	2025-03-27	Thursday	10:15-12:00	Lecture	JP	Breeding program: Fur animals	Ulls Hus, Sal R	
			13:00-17:00			<i>Time for own studies</i>		
	2025-03-28	Friday	10:15-12:00	Discussion/ group work	ÅO	Discussion Genomic/Statistics/breeding	VHC, Davlin *	2,6
14	2025-03-31	Monday	8:00-17:00			<i>Time for own studies</i>		
						Quiz Ethology/Animal welfare	Canvas	7,8,9
	2025-04-01	Tuesday	8:00-12:00			<i>Time for own studies</i>		
			13:15-15:00	Discussion/ group work	LS	Discussion ethology/welfare	VHC, Ratatosk *	7,8,9
	2025-04-02	Wednesday	10:15-12:00	Lecture	LR	Recording behaviour and disease	Ulls Hus, Sal R	10,11
	2025-04-03	Thursday	10:15-12:00	Lecture	MJ	Estimation of genetic parameters for behaviour and health	Ulls Hus, Sal R	12
			13:00-17:00			<i>Time for own studies</i>		
	2025-04-04	Friday	8:00-17:00	Group work		Case group work Step 1 (1 st)	Organized by students	A,B,C,D,E,F
15	2025-04-07	Monday	8:00-12:00			<i>Time for own studies</i>		
			13:15-15:00	Lecture	KA	Epidemiology	Ulls Hus, Sal R	13
	2025-04-08	Tuesday	9:00-12:00	Discussion	ÅO	Check point: Case group work Step 1	VHC, group room 2	
			13:00-17:00	Group work		Case group work Step 1 (2 nd)	Organized by students	
	2025-04-09	Wednesday	8:00-12:00			<i>Time for own studies</i>		
	2025-04-10	Thursday	9:15-12:00	Discussion	ÅO	Individual project idea	Ulls Hus, Sal R	14
			13:15-15:00	Lecture	HM		Ulls Hus, Sal R	
	2025-04-11	Friday	8:00-17:00	Group work		Case group work Step 1 (3 rd)	Organized by students	
16	2025-04-14	Monday	9:15-16:00	Exercise	ES	Computer exercise 1	BioC, Sal A241	15
			2025-04-15	Tuesday	08:00-17:00			<i>Time for own studies</i>
	2025-04-16	Wednesday	10:15-12:00	Lecture	ÅO	Methods in molecular genetics	Ulls Hus, Sal R	
	2025-04-17	Thursday	08:00-15:00			<i>Time for own studies</i>		
			15:00	Group work		Hand in report: Case group work Step 1	Canvas	
	2025-04-18	Friday		EASTER HOLIDAY				
17	2025-04-21	Monday		EASTER HOLIDAY				
			2025-04-22	Tuesday	8:00-17:00		<i>Time for own studies</i>	

	2025-04-23 Wednesday	8:00-12:00			<i>Time for own studies</i>		
		17:00			Hand in computer exercise 1	Canvas	
	2025-04-24 Thursday	10:15-12:00	Lecture	GA	Molecular genetics I	Ulls Hus, Sal R	16,17,18,19,20
		13:00-17:00			<i>Time for own studies</i>		
	2025-04-25 Friday	9:15-16:00	Report	LR	Presentations: Case group work Step 1	Ulls Hus, Sal R	21,22
18	2025-04-28 Monday	10:15-12:00	Lecture	TB	Molecular genetics II	Ulls Hus, Sal R	23,24
		13:15-15:00	Lecture	GA	Epigenetics	Ulls Hus, Sal R	25
	2025-04-29 Tuesday	8:00-12:00	Group work		Case group work Step 2 (1 st)	Organized by students	
		13:15-15:00	Lecture	MJ	Genetic evaluation	Ulls Hus, Sal R	26
	2025-04-30 Wednesday	WALPURGIS NIGHT			<i>Time for own studies</i>		
	2025-05-01 Thursday	May 1st					
	2025-05-02 Friday	08:00-17:00			<i>Time for own studies</i>		
19	2025-05-05 Monday	10:15-12:00	Lecture	MJ	Selection I	Ulls Hus, Sal R	27,28
		13:00-16:00	Discussion	ÅO	Check point: Case group work Step 2	VHC, group room 2	
	2025-05-06 Tuesday	8:00-17:00	Group work		Case group work Step 2 (2 nd)	Organized by students	
	2025-05-07 Wednesday	10:15-12:00	Lecture	MJ	Selection II	Ulls Hus, Sal R	29, 30
	2025-05-08 Thursday	10:15-12:00	Lecture	MW		Ulls Hus, Sal R	
		13:15-15:00	Lecture	MJ	From single genes to genomic selection	Ulls Hus, Sal R	31
	2025-05-09 Friday	8:00-17:00	Group work		Case group work Step 2 (3 rd)	Organized by students	
20	2025-05-12 Monday	8:00-12:00			<i>Time for own studies</i>		
		13:00-15:00	Group discussion		Discussion about genetic evaluation of dogs	Organized by students	32
	2025-05-13 Tuesday	9:15-15:00	Exercise	ES	Computer exercise 2	Ulls Hus, Sal U	
	2025-05-14 Wednesday	8:00-12:00			<i>Time for own studies</i>		
		12:00			Hand in report: Case group work Step 2	Canvas	
	2025-05-15 Thursday	8:00-17:00			<i>Time for own studies</i>		
	2025-05-16 Friday	9:15-16:00	Report	ÅO	Presentations: Case group work Step 2	Ulls Hus, Sal R	
21	2025-05-19 Monday	10:15-12:00	Lecture	LR	Breeding program I	Ulls Hus, Sal R	33,34,35
		13:00-17:00			<i>Time for own studies</i>		
	2025-05-20 Tuesday	10:15-12:00	Lecture	LR	Breeding program II	Ulls Hus, Sal R	36,37
		13:00-17:00	Group work		Case group work Step 3 (1 st)	Organized by students	
	2025-05-21 Wednesday	9:00-12:00	Discussion	ÅO	Check point: Case group work Step 3	VHC, group room 2	
		12:00			Hand in computer exercise 2	Canvas	
	2025-05-22 Thursday	8:00-12:00			<i>Time for own studies</i>		
		13:00			Hand in individual project reflection	Canvas	
		13:00-16:00	Group work		Case group work Step 3 (2 nd)	Organized by students	

	2025-05-23 Friday	8:00-17:00			<i>Time for own studies</i>		
22	2025-05-26 Monday	8:00-17:00			Case group work Step 3 (3rd)		
		17:00			<i>Feedback individual project reflection</i>		Canvas/Email
	2025-05-27 Tuesday	8:00-17:00			<i>Time for own studies</i>		
	2025-05-28 Wednesday	"Thesis day"					
		17:00			Hand in report: Case group work Step 3		
	2025-05-29 Thursday	ASCENSION DAY					
	2025-05-30 Friday	8:00-17:00			<i>Time for own studies</i>		
23	2025-06-02 Monday	8:00-17:00			<i>Time for own studies</i>		
		12:00			Hand in individual project final		
	2025-06-03 Tuesday	9:15-16:00	Report	LR/HR	Presentations: Case group work Step 3		Ulls Hus, Sal U 21,22
	2025-06-04 Wednesday				Hand in grant review		Canvas
	2025-06-05 Thursday	9:15-16:00	Report	ÅO	Individual project and discussion		Ulls Hus, Sal R
	2025-06-06 Friday	9:15-16:00	Report	ÅO	Individual project and discussion + Course evaluation		Ulls Hus, Sal R

Teachers

ÅO	Åsa Ohlsson	HM	Hector Marina
JP	Jussi Peura	ES	Eling Strandberg
LS	Lena Skånberg	GA	Göran Andersson
LR	Lotta Rydhmer	TB	Tomas Bergström
LK	Linda Keeling	MW	Maria Wilbe
MJ	Martin Johansson	HR	Helena Röcklingsberg
KA	Karin Alvåsen		

* Group room (VHC): 3-6

* Group room (VHC): 6-9