

Program outline:

Day / location	Time	Subject	Type	Teachers / group
Monday Coll ¹	08.00-08.30	Introduction: Overview topics, practical matters and study materials	Lecture	Ensink / Van Loon / Theelen
Coll ¹	08.30-10.30	Anatomy, physiology and reproduction	Lecture / e-learning	Theelen
Coll ¹	10.45-12.45	Nutrition	Lecture / PBL	Van Doorn
	12.45-13.30	Lunch		
Coll ¹ /L7 ²	13.30-17.30	Behaviour and factors influencing behaviour, welfare and study results	Lecture / Practical	Van Dierendonck
Tuesday Coll ¹	08.30-10.30	Monitoring welfare and the maintenance of welfare/health records	Lecture / Practical	Van Loon
L7 ²	10:45-12.45	Animal handling and restraining, identification, transportation and husbandry	Practical	Theelen
	12.45-13.30	Lunch		
Coll ¹ /L7 ²	13.30-15.30	Hygiene practices and maintaining healthy animals	Lecture / Demo	Ensink / Theelen
Coll ¹	15.45-16.45	Health hazards associated with working with horses and donkeys (injury, zoonosis, allergies)	Lecture	Theelen
Wednesday Coll ¹ /L7 ²	08.30-12.30	Recognition of pain and distress, the use of composite pain scores and defining humane endpoints	Lecture / Practical	Van Loon
	12.30-13.15	Lunch		
Coll ¹	13.15-15.15	Management and prevention of pain	Lecture / PBL	Van Loon
Coll ¹	15.30-17.30	Euthanasia	Lecture / PBL	Van Loon
Thursday L7 ²	08.30-12.30	Sample collection and administration of substances for research purposes	Practical	Ensink / Theelen
	12.30-13.15	Lunch		
Coll ¹	13.15-15.15	The principles of the 3Rs in relation to research with horses/donkeys	Lecture / BPL	Van Loon
Coll ¹	15.30-17.30	Comparing horses and donkeys	Lecture	Van Loon
Friday Coll ¹	08.30-12.30	Critical appraisal of a scientific paper and preparation time for the final presentation	Study time	No teacher
Coll ¹	13.30-15.30	Final presentation & discussion	Exam	Ensink / Van Loon / Theelen
Coll ¹	15.30-16.30	Course evaluation	Evaluation	Ensink / Van Loon / Theelen

¹ Colloquium Dept. of Equine Sciences, Yalelaan 114, Utrecht

² Pr.zaal L7 Dept. of Equine Sciences, Yalelaan 114, Utrecht