



DEPARTMENT OF HISTOLOGY AND EMBRYOLOGY (VETERINARY) DOCTORATE PROGRAMME

SEMESTER: I							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
Compulsory Courses						National	ECTS
VHED 101	Expertise Branch Course	C	8	0	8	0	9
VHED 102	Thesis Preparation Study	C	0	1	1	0	1
Elective Courses (Total 20 ECTS credit courses will be taken in the Elective Courses Pool)							
	Elective Course I	E					4
	Elective Course II	E					4
	Elective Course III	E					4
	Elective Course IV	E					4
	Elective Course V	E					4
	Total						30

SEMESTER: II							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
Compulsory Courses						National	ECTS
VHED 103	Expertise Branch Course	C	8	0	8	0	9
VHED 104	Thesis Preparation Study	C	0	1	1	0	1
Elective Courses (Total 20 ECTS credit courses will be taken in the Elective Courses Pool)							
	Elective Course I	E					4
	Elective Course II	E					4
	Elective Course III	E					4
	Elective Course IV	E					4
	Elective Course V	E					4
	Total						30

SEMESTER: III							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
Compulsory Courses						National	ECTS
VHED 105	Expertise Branch Course	C	8	0	8	0	9
VHED 106	Thesis Preparation Study	C	0	1	1	0	1
VHED 107	Seminar	C	0	2	2	0	4
Elective Courses (Total 16 ECTS credit courses will be taken in the Elective Courses Pool)							
	Elective Course I	E					4
	Elective Course II	E					4
	Elective Course III	E					4
	Elective Course IV	E					4
	Total						30

SEMESTER: IV							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
Compulsory Courses						National	ECTS
VHED 108	Thesis Study	C	0	1	1	0	21
VHED 109	Expertise Branch Course	C	8	0	8	0	9
Total			8	1	9	0	30

SEMESTER: V							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
Compulsory Courses						National	ECTS
VHED 110	Thesis Study	C	0	1	1	0	21
VHED 111	Expertise Branch Course	C	8	0	8	0	9
Total			8	1	9	0	30

SEMESTER: VI							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
Compulsory Courses						National	ECTS
VHED 112	Thesis Study	C	0	1	1	0	21
VHED 113	Expertise Branch Course	C	8	0	8	0	9
Total			8	1	9	0	30

SEMESTER: VII							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
Compulsory Courses						National	ECTS
VHED 114	Thesis Study	C	0	1	1	0	21
VHED 115	Expertise Branch Course	C	8	0	8	0	9
Total			8	1	9	0	30

SEMESTER: VIII							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
Compulsory Courses						National	ECTS
VHED 116	Thesis Study	C	0	1	1	0	21
VHED 117	Expertise Branch Course	C	8	0	8	0	9
Total			8	1	9	0	30

SEMESTER: IX							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
Compulsory Courses						National	ECTS
VHED 118	Thesis Study	C	0	1	1	0	21
VHED 119	Expertise Branch Course	C	8	0	8	0	9
Total			8	1	9	0	30

SEMESTER: X							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
Compulsory Courses						National	ECTS
VHED 120	Thesis Study	C	0	1	1	0	21
VHED 121	Expertise Branch Course	C	8	0	8	0	9
Total			8	1	9	0	30

SEMESTER: XI							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
Compulsory Courses						National	ECTS
VHED 122	Thesis Study	C	0	1	1	0	21
VHED 123	Expertise Branch Course	C	8	0	8	0	9
Total			8	1	9	0	30

SEMESTER: XII							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
Compulsory Courses						National	ECTS
VHED 124	Thesis Study	C	0	1	1	0	21
VHED 125	Expertise Branch Course	C	8	0	8	0	9
Total			8	1	9	0	30

ELECTIVE COURSES POOL							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	Elective Courses					National	ECTS
VHED 126	Histophysiological features and transport of cell membrane	E	3	1	4	3,5	4
VHED 127	Technique of Histology	E	3	1	4	3,5	4
VHED 128	Cellular Barrier in Organism	E	3	1	4	3,5	4
VHED 129	Embryology of Cardiovascular System	E	4	0	4	4	4
VHED 130	Embryology of Urinary System	E	4	0	4	4	4
VHED 131	Embryology of Digestive System	E	4	0	4	4	4
VHED 132	Embryology of Nervous System	E	4	0	4	4	4
VHED 133	Course of Scientific Innovation	E	4	0	4	4	4
VHED 134	Histochemistry	E	3	1	4	3,5	4
VHED 135	Microscopy and Microphotography	E	3	1	4	3,5	4
VHED 136	Histology of Neuroendocrine Hypothalamo-Hypophyseal System (NHS)	E	3	1	4	3,5	4
VHED 137	Stem Cells, Growth Factors and Cell Differentiation	E	4	0	4	4	4
VHED 138	Eye and Sight Mechanism in Avian and Mammalian Animals	E	4	0	4	4	4
VHED 139	Cell Adhesion Molecules and Cell Junctions	E	4	0	4	4	4
VHED 140	Embryology of Muscular Tissue	E	4	0	4	4	4
VHED 141	Muscular Tissue and its Innervation	E	4	0	4	4	4
VHED 142	Techniques of immunohistochemistry in light microscope	E	3	1	4	3,5	4
VHED 143	Histophysiological Properties and Types of Implantation and Placentation in Domestic Animals	E	4	0	4	4	4
VHED 144	Course Code and Name: Embryology of reproductive system	E	4	0	4	4	4
VHED 145	Cell cycle	E	4	0	4	4	4
VHED 146	Cytokines	E	4	0	4	4	4
VHED 147	Apoptosis	E	4	0	4	4	4
VHED 148	Histology of Diffuse Neuroendocrine System	E	4	0	4	4	4
VHED 149	Histology of Immun system	E	4	0	4	4	4
VHED 150	Histological and histophysiological features of Epidermis and Dermis in Mammalian and Avian Animals	E	4	0	4	4	4
VHED 151	Histological Examination of Foods	E	3	1	4	3,5	4
VHED 152	Histological and Histophysiological Features of Nephron in Mammalian and Avian Animals	E	4	0	4	4	4
VHED 153	Cytoskeleton	E	4	0	4	4	4
VHED 154	Electrophoresis and Western Blotting	E	3	1	4	3,5	4
VHED 155	Investigation Methods	E	3	0	3	3	4
VHED 156	Development and Learning	E	3	0	3	3	4
VHED 157	Instructional Planning and Evaluation	E	3	0	3	3	4