



**DEPARTMENT OF REPRODUCTION AND ARTIFICIAL INSEMINATION (VETERINARY)
DOCTORATE PROGRAMME**

I. SEMESTER							
C. CODE	COURSE NAME	C/E	Theo	Prac.	Tot.	Credit	
	Compulsory Course					National	ECTS
VSD 101	Expertise Branch Course	C	8	0	8	0	9
VSD 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

II. SEMESTER							
C. CODE	COURSE NAME	C/E	Theo	Prac.	Tot.	Credit	
	Compulsory Course					National	ECTS
VSD 103	Expertise Branch Course	C	8	0	8	0	9
VSD 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

III. SEMESTER							
C. CODE	COURSE NAME	C/E	Theo	Prac.	Tot.	Credit	
	Compulsory Course					National	ECTS
VSD 105	Expertise Branch Course	C	8	0	8	0	9
VSD 106	Thesis Preparation Study	C	0	1	1	0	1
VSD 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

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

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

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

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

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

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

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

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

XII. SEMESTER							
C. CODE	COURSE NAME	C/E	Theo	Prac.	Tot.	Credit	
	Compulsory Course					National	ECTS
VSD 124	Thesis Study	C	0	1	1	0	21
VSD 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	
	Compulsory Course					National	ECTS
VSD 126	Functional Anatomy of Reproductive Tract in Domestic Animals	E	3	0	3	3	4
VSD 127	Reproductive Endocrinology	E	3	0	3	3	4
VSD 128	Andrology	E	3	0	3	3	4

VSD 129	Dev. and Teach	E	3	0	3	3	4
VSD 130	The Best Suitable Insemination Time in Livestock Animals	E	3	0	3	3	4
VSD 131	Artificial Insemination in Pet Animals	E	3	0	3	3	4
VSD 132	Reproduction and Artificial Insemination in The Ewe and Doe	E	3	0	3	3	4
VSD 133	Reproduction and Artificial Insemination in The Poultry	E	3	0	3	3	4
VSD 134	Sexual Cycle in Domestic Animals	E	3	0	3	3	4
VSD 135	Dilution and Freezing of Semen	E	2	2	4	3	4
VSD 136	Spermatology	E	2	2	4	3	4
VSD 137	Plan. and Eva. in Teach.	E	3	0	3	3	4
VSD 138	Criobiology	E	3	0	3	3	4
VSD 139	Rectal Palpation	E	3	0	3	3	4
VSD 140	Management of Reproduction in Livestock Animals	E	2	2	4	3	4
VSD 141	Semen Collection in Domestic Animals	E	2	2	4	3	4
VSD 142	Gametogenesis	E	3	0	3	3	4
VSD 143	Insemination in Domestic Animals	E	3	0	3	3	4
VSD 144	Reproduction and Artificial Insemination in Large Ruminant	E	3	0	3	3	4
VSD 145	Management of Reproduction in Pet Animals	E	2	2	4	3	4
VSD 146	Biostatistics	E	2	2	4	3	4
VSD 147	Synchronization	E	2	2	4	3	4
VSD 148	Using of Biotechnological Methods in Veterinary Reproduction	E	2	2	4	3	4
VSD 149	Transferred Embriyo and Technique in Domestic and Laboratory Animals	E	2	2	4	3	4
VSD 150	Reproduction and Artificial Insemination in Laboratory Animals	E	2	2	4	3	4
VSD 151	Reproduction and Artificial Insemination in Wild and Exotic Animals	E	2	2	4	3	4
VSD 152	Instructional Planning and Evaluation	E	3	0	3	3	4
VSD 153	Development and Learning	E	3	0	3	3	4
VSD 154	Artificial Insemination Association	E	2	2	4	3	4
VSD 155	Science Investigation and Publish Process	E	2	2	4	3	4
VSD 156	Sexual Behavior in Domestic Animals	E	2	2	4	3	4
VSD 157	Fertility Control Programs in Livestock Animals	E	2	2	4	3	4
VSD 158	Functional Infertility in Domestic Animals	E	2	2	4	3	4
VSD 159	Artificial Insemination in Cow Practice	E	2	2	4	3	4
VSD 160	Infertility in the Mare	E	2	2	4	3	4
VSD 161	Infertility in the Carnivore	E	2	2	4	3	4
VSD 162	Biochemical of Ruminant Disease	E	2	2	4	3	4
VSD 163	Radioimmunoassay, Enzim Immunoassay	E	2	2	4	3	4
VSD 164	Investigation Methods	E	3	0	3	3	4